MONTHLY BASTALOG

UNITED STATES

GOVERNMENT PUBLICATIONS

APRIL 1970

Entries 4794-6284

SCHOOLER HT COLLEGE MERARY

DISTRIBUTION OF PUBLICATIONS

In ordering publications listed in this catalog, it should be noted that *only* those marked with an asterisk (*) are obtainable from the Superintendent of Documents,

Publications marked with a farad (Φ) are sold by the Clearinghouse for Federal Scientific and Technical Information, Springfield, Va. 22151.

Where a single dagger (†) is the distribution symbol, application should be made directly to the department or bureau issuing the document.

- * For sale by Superintendent of Documents
- Φ For sale by Clearinghouse for Federal Scientific and Technical Information, Springfield, Va. 22151
- † Distribution made by Issuing Office. Not definitely available if unaccompanied by a price
- † Printed for Official Use (not available for distribution)
- Sent to Depository Libraries

SIZES OF PUBLICATIONS

Symbols used to designate sizes of publications listed in this catalog are as follows:

small 4°	6-12 inches high and width more than 3/4 of height over 12 inches high and width more than 3/4 of height under 6 inches high and width more than 3/4 of height 8-10 inches in height (size not given in entry except where publication is narrow or oblong)
large 8°	10–12 inches in height
12°	7–8 inches in height
16°	6–7 inches in height
24°	5–6 inches in height
32°	4–5 inches in height
48°	up to 4 inches high
f°	above 12 inches in height
narrow	width less than 3/5 of height
oblong	width more than height

MONTHLY CATALOG

OF UNITED STATES

GOVERNMENT PUBLICATIONS

APRIL 1970

Number 903

Entries 4794-6284

L.C. Card 4-18088

FOR SALE BY THE SUPERINTENDENT OF DOCUMENTS, U.S. GOVERNMENT PRINTING OFFICE, WASHINGTON, D.C 20402. PRICE 75 CENTS PER COPY EXCEPT DECEMBER (INDEX) ISSUE, WHICH VARIES IN PRICE SUBSCRIPTION PRICE \$7.00 PER YEAR (INCLUDING INDEX) \$1.75 ADDITIONAL FOR FOREIGN MAILING

PREVIEWS

The following publications are in the process of being printed. Advance sales orders may be placed for these publications. Orders will be scheduled and copies mailed as soon as stocks are received. It is not possible to estimate the lapse of time before the publications will actually appear. All information in regard to title, series, classification, distribution, and price given in these listings is preliminary and subject to change when the publications actually come from the press. Those so marked will be sent to depository libraries, providing, that at the time of going to press, the libraries were on list to receive the items under which these publications will be distributed.

otwoon II S and Viet Nam (State Depart-

ment, Treaties and other international acts series 6817.) 10c.
S 9.10 : 6817
Agricultural production and efficiency, major statistical series. (Agricuture
Department, Handbook 365, volume 2.) 50c A 1.76:365/v.2
Air transport services, agreement between U.S. and Netherlands. (State Depart-
ment, Treaties and other international acts series 6797.) 10c. S 9.10: 6797
Alcoholism and the Federal employee. (Federal Health Programs Service.)
45e HE 20.2702: Al 1
Aspirations enrollments and resources, the challenge to higher education.
(Education Office, OE-50058.) \$1.25. • HE 5.250: 50058
Atomic energy, agreement between U.S. and Austria. (State Department,
Treaties and other international acts series 6815.) 20c. S 9.10:6815
Behavioral and life history notes on three Floridian solitary wasps. (Smithsonian Institution, Smithsonian contributions to zoology 46.) 40c. SI 1.27:46
Children's books, 1969, list of books for preschool through junior high school
age. (Library of Congress.) 15c. • LC 2.11:969
Consumer involvement in rehabilitation. (Social and Rehabilitation Service,
National Citizens Conference on Rehabilitation of the Disabled and Disad-
vantaged.) 35c. • HE 17.20 : R 26/3
Delivering rehabilitation services: Emerging patterns. (Social and Rehabili-
tation Service, National Citizens Conference on Rehabilitation of the Disabled and Disadvantaged.) 40c. • HE 17.20: R 26/2
and Disadvantaged.) 40c. • HE 17.20: R 26/2 Detergents and associated contaminants in ground water. (Geological Survey,
Water-supply paper 2001–B.) 70c. I 19.13: 2001–B
Education in the Hungarian People's Republic. (Education Office, OE-14140.)
\$1.25. • HE 5.214 : 14140
Effect of lint-cleaner operating parameters on cotton quality. (Agriculture
Department, Marketing research report 864.) 20c. A 1.82: 864
Employee training in federal service, fiscal year 1969. (Civil Service Commission, Pamphlet T-7.) \$1.25. CS 1.48: T-7/2
Error analysis of streamflow data for an alluvial stream. (Geological Survey,
Professional paper 655–C.) 35c. • I 19.16: 655–C
Essential United States foreign trade routes. [Revised 1970.] (Maritime Admin-
istration.) \$1.00. • C 39.202: F 76/970
Family fare. (Agriculture Department, Home and garden bulletin 1, revised.) 45c. A 1.77:1/6
Foreign relations of the United States 1946, vol. 4. (State Department.) \$5.50.
S. 1.1: 946/v.4
Grades for pork carcasses. (Agriculture Department, Marketing bulletin 49.)
20c. • A 1.95:49
Home fruit garden in Pacific Coast States and Arizona. (Agriculture Department, Leaflet 224, revised.) 10c. A 1.35: 224/5

Impact of technology on the commercial secondary aluminum industry. (Mines Bureau, Information circular 8445.) 75c. I 28.27:8445 Improving education through ESEA: 12 stories. (Education Office, OE-20122.) \$1.00. HE 5.220: 20122 Manpower report of the President and report on manpower requirements, resources, utilization, and training. (Labor Department.) \$2.50. L 1.42/2:970 Minigardens for vegetables. (Agriculture Department, Home and garden bulletin 163, revised.) 15c. A 1.77: 163/2 Northeastern interstate forest fire protection compact. (State Department, Treaties and other international acts series 6825.) 10c. S 9.10: 6825 Northwest Atlantic fisheries, agreement between U.S. and other governments. (State Department, Treaties and other international acts series 6841.) 10c. S 9.10: 6841 Occupations and trends in dairy products industry. (Training and Employment Service.) 75c. L 34.2: D 14 Professional workers in State Agriculture Experiment stations. (Agriculture Department, Handbook 305, revised.) \$1.50. A 1.76: 305/969-70 Public speaking on drug abuse prevention. (Narcotics and Dangerous Drugs Bureau.) 30c. J 24.8: D84/3 Report of progress on engineering research. (Reclamation Bureau, Research report 21.) \$1.50. I 27.54:21 Research and development in computer and information sciences: v. 1, Information acquisition, sensing and input, a selective literature view. (National Bureau of Standards, Monograph 113.) \$1.50. C 13.44: 113/v. 1
Selected weeds of United States. (Agriculture Department, Handbook 366.) C 13.44: 113/v. 1 Statistical abstract of the U.S. [1970 edition.] (Census Bureau.) \$5.75. C 3.134: 970 Storing vegetables and fruits in basements, cellars, outbuildings and pits. (Agriculture Department, Home and garden bulletin 119, revised.) 15c. A 1.77: 119/2 They don't have to drop out. (Education Office, OE-20125.) 10c. HE 5.220: 20125 Trade, agreement between U.S. and Australia. (State Department, Treaties and other international acts series 6818.) 10c. S 9.10: 6818 U.S. Naval medical research unit, agreement between U.S. and Indonesia. (State Department, Treaties and other international acts series 6813.) 10c

S. 9.10:6813

Contents

Previews	III
Abbreviations, Explanation	VI
General Information	VII
How To Order Publications	VIII
New Classification Numbers	IX
Discontinued Series	XI
Corrections for Previous Monthly	
Catalogs	XI
List of Government Authors	XIII
Monthly Catalog	1
Index	105

Abbreviations

55.0	addition, addendum,	n. d	no date
aud	addenda.	n. p	
amdt amdts	amendment, amend-	no., nos	
	ments.		
800	appendix, appendixes.	P	
bk., bks		p. of pl	
chap		par., pars	paragraph, para graphs.
Cong	Congress.	pl	
Dept		por	
doc		pt., pts	
	facsimile, facsimiles.		
fy		rp	
	Greenwich hour angle.	S	
Н		S. Con. Res	Senate concurrent resolution.
	House concurrent reso-	S. doc	Senate document.
11. Com. 10.	lution.		Senate executive docu-
H, doe	House document.	b. ex. doc	ment.
	House executive docu-	S. ex. rp	Senate executive re-
22, 011, 12,011	ment.		port.
H. J. Res	House joint resolution.		Senate joint resolution.
H.R	House of Representa-	S. Res	Senate resolution.
	tives, House bill.	S. rp	Senate report.
H. Res	House resolution.	sec	section, sections.
H. rp	House report.	sess	session, sessions.
	illustration, illustra-	Stat. L	Statutes at large.
	tions.	supp	supplement.
in	inch, inches.	tab	table, tables.
lat		Treas	Treasury.
long		V	volume, volumes.
In		vs., v	
Classical and Indianastas	ions for the names of S		

Common abbreviations for the names of States, months, etc., are also used.

An explanation of the symbols used to designate sizes of publications is given on the inside of the front cover.

Explanation

The individual issuing department, bureau, office, or agency is considered the publisher of Government publications.

Words and figures enclosed in brackets [] in titles are given for information, but do not appear on the title pages of the publications cataloged. Place and printer are not given for publications printed at the United States Government Printing Office, Washington, D.C., or at Government departmental and field printing plants. The dates given with Senate and House documents and reports are the dates on which they were ordered to be printed. Usually the printing promptly follows the ordering, but various causes sometimes make delays.

Under provisions of the Printing Act of January 12, 1895, all Government publications, except administrative and confidential (or restricted), are entered in the Monthly Catalog.

The L.C. card number appended to some of the entries is for those libraries ordering printed cards from the Library of Congress. The number at the extreme right of an entry indicates the classification of the publication in the Office of the Superintendent of Documents.

General Information

The Superintendent of Documents, Government Printing Office, Washington, D.C., is authorized by law to sell copies of Government publications and to allow a discount of 25 percent to book dealers and also to quantity purchasers of 100 or more copies of a single publication on condition that they will adhere to the public sales price set by the Superintendent of Documents and that publications shall not be overprinted with any advertising matter.

Publications cannot be supplied free to individuals nor forwarded in advance of payment.

PRICE LIST

There is no general price list of public documents, but numerous lists have been prepared on special subjects and any of these will be furnished free, on application, by subject or subjects concerning which information is desired. It will also be noted that current publications which are for sale are listed in this catalog.

LIST OF SELECTED PUBLICATIONS

In addition to the price lists, the Documents Office issues a biweekly list of Selected United States Government publications for sale by the Superintendent of Documents. Each list is arranged alphabetically by subjects, with annotations and prices, and may be obtained free upon application to the Superintendent of Documents.

CONGRESSIONAL BILLS, DOCUMENTS, AND REPORTS

More than 12,000 different bills are usually introduced during a Congress, and there are additional prints on many during the progress of the legislation. With the exception of a very few—such as revenue bills—the demand is an unknown quantity and on most of them we receive no orders, which makes it impossible to print a sales supply. It may be that a copy could be obtained from your Congressman.

A difficult problem is also presented in providing a supply of congressional documents, hearings, and reports because there are approximately 6,000 of this class of publications issued during a Congress and only a few of them are called for. We will attempt to print for sale a few of the more important ones, but if not priced the only possible source would be from your Congressman.

HOW TO ORDER PUBLICATIONS

Publications entered in this catalog that are for sale by the Superintendent of Documents are indicated by an asterisk (*) preceding the price. Those for sale by the Clearinghouse for Federal Scientific and Technical Information are indicated by a farad (\$\Phi\$) preceding the price. A black dot (\$\Phi\$) indicates that the publication has been or will be sent to depository libraries. A dagger (†) indicates that application should be made to the department, bureau, or agency issuing the document. A double dagger (‡) indicates that the document is printed for official use and is not obtainable. Whenever additional information concerning the method of procuring a document seems necessary, it will be found under the name of the bureau by which it was published.

In ordering a publication from the Superintendent of Documents, give (if known) the name of the publishing department, bureau, or agency, and the title, together with the classification number which is added to the entry at the extreme right; order the congressional documents and reports by the title, together with the document or report number and the Congress, e.g., H. Doc. 103, 88th Congress.

Do not use the L.C. card number in ordering a publication from the Superintendent of Documents.

HOW TO REMIT

Remittances for documents marked with an asterisk (*) should be made to the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402, by coupon, postal money order, express order, or check. Publications cannot be mailed in advance of receipt of remittance. Currency may be sent at sender's risk. Foreign remittances should be made either by international money order or draft on an American bank.

Foreign money, defaced or smooth coins, will not be accepted. Do not send postage stamps.

For the convenience of the general public, coupons in the denomination of 5¢ that are good until used in exchange for Government publications sold by the Superintendent of Documents, may be purchased from this office. Address order to Superintendent of Documents, Government Printing Office, Washington, DC 20402.

Persons who make frequent purchases from the Superintendent of Documents may find a deposit account convenient. Deposits of \$25.00 or more are accepted against which orders may be placed without making individual remittances or first obtaining quotations. Order blanks are furnished for this purpose. After the handling of the order has been completed, it will be returned showing the publications supplied, explanations regarding those not sent, the amount of charge, and the balance on deposit.

No charge is made for postage on documents forwarded to points in United States and possessions, or to Canada, Cuba, Mexico, and certain Central and South American countries. To other countries the regular rate of postage is charged, and remittances must cover such postage. In computing foreign postage, add one-fourth of the price of the publication.

LIBRARY CLASSIFICATION IN DOCUMENTS OFFICE

The classification given at the right of entries for departmental publications is that used in the Library of the Division of Public Documents. It is also used as a catalog number for sales stock of this office. The shilling mark (/) separates what would ordinarily be superior or inferior numbers or letters, as it is not practicable to print these numbers or letters as superiors or inferiors in the Monthly Catalog.

New Classification Numbers

	Consumer and Marketing Service.
A 88.12/22-2: date	Fresh fruit and vegetable market news, whole-
	sale market prices summary (annual). Export Marketing Service.
4 00 4 . 3-4-	
A 99.1: date	~ 1 111 11
A 99.2: CT	Engineers Corps (Army).
D 103.49: Reserved	Engineers corps (Mimy).
D 103.50: nos	EARI [Engineer Agency for Resources Inven-
1) 103.30 . 1108	tories development research series reports.
	Naval Air Systems Command.
D 202.20: v.nos.& nos	
202120 : 1,1200144 400122	Social Security Administration.
HE 3.56: nos	Office of Research and Statistics: Staff papers.
	Social and Rehabilitation Service.
HE 17.20: CT	National Citizens Conference on rehabilita-
	tion of the disabled and disadvantaged
	[publications].
	National Center for Social Statistics.
HE 17.614: date	Program facts on federally aided public assistance income maintenance programs, NCSS
	report A-6. Medicaid and other medical care financed from
HE 17.621: date	public assistance funds, NCSS report B-6.
	Environmental Control Administration.
HE 20.1109: nos	Selected papers from Bureau of Radiological
HE 20.1109: 1108	Health seminar program (numbered).
HE 20.1111: nos	
HE 20.1111 . HOS	Criteria and Standards (series).
HE 20.1112: nos	ORO [Office of Regional Operations] (series).
HE 20.1116: nos	Injury Control Research
	Laboratory: Research report ICRL-RR
	(series).
	Note.—See, for earlier class, FS 2.316:(nos.).
HE 20.1117: CT	Community environmental management series.
TIE 20.IIII . O	National Air Pollution Control Administration.
HE 20.1303/3: v.nos.& nos	NAPCA abstracts bulletin.
HE 20.1309/2: nos	National Air Pollution Control Administration
	publication, APTD (series).
	Note.—See, for earlier class, FS 2.93/8-2:
	(nos.).
HE 20.1310: CT	Reports for consultation on interstate air qual-
	ity control regions.
	Note.—See, for earlier class, FS 2.93/5:(CT).
	National Center for Health Statistics.
HE 20.2210: nos	Vital and health statistics.
III 20.2210 . Modelles	Note.—See, for earlier class, FS 2.85/2:(nos.).
	National Communicable Disease Center.
HE 20.2313: date	Reported tuberculosis data (annual).
	Note.—See, for earlier class, FS 2.42/3:(date).
	TY

	Notice of Investment of Montal Thoulth
YVF 00 0440	National Institute of Mental Health.
HE 20.2412 : date	National Institute of Mental Health support programs.
	NOTE.—See, for earlier class, FS 2.22: N 21/8/ (date).
HE 20.2415/2: CT	Mental health statistics: Current facility reports.
	Note.—See, for earlier class FS 2.53/2:(CT).
HE 20.2416: nos	Drug dependence.
HE 20.2417: CT	Bibliographies and lists of publications. NOTE.—See, for earlier publications, FS 2.22/
	13:(CT).
HE 20.2558; CT	Community Health Service. Handbooks, manuals, guides.
	Note.—See, for earlier publications, FS 2.6/3: (CT).
	Regional Medical Programs Service.
HE 20.2608; CT	Handbooks, manuals, guides.
	Note.—See, for earlier publications, FS 2.6/2: (CT).
	Maternal and Child Health Service.
HE 20.2751: date HE 20.2752: CT	
HE 20.2102. CI	National Institutes of Health.
HE 20.3010: date	Clinical Center, current clinical studies and patient referral procedures.
	Norm.—See, for earlier class, FS 2.22: C 61/3/(date).
HE 20.3015: date	Associated training programs in medical and biological sciences, at National Institutes of Health (annual).
	Note.—See, for earlier publications, FS 2.22: M 46/4/(date).
7777 00 0400 CVII	Health Professions Education and Manpower Training Bureau.
HE 20.3108: CT	Handbooks, manuals, guides. Note.—See, for earlier publications, FS 2.6/2:
	(CT).
HE 20.3109 : sec. nos	Health manpower source book.
	NOTE.—See, for earlier publications, FS 2.2: M 31/sec. (nos.)/(date).
HE 20.3110 : date	Nurses in public health.
	Norz.—See for earlier class, FS 2.81:(date).
HE 20.3201 : date HE 20.3202 : CT	
111 20.0202 . 01	Note.—See, for earlier class, FS 2.22:(CT).
HE 20.3203 :3207 : Reserved HE 20.3208 : CT	
112 20.0200, 01	Note.—See, for earlier publications, FS 2.22/
	15:(CT).
HE 20.3408 : CT	, , , , , , , , , , , , , , , , , , , ,
	Norm.—See, for earlier publications, FS 2.22/15:(CT).
HE 20.3451 : date HE 20.3452 : CT	
	NOTE.—See, for earlier publications, FS 2.22:
	(CT).

Children's Bureau.

Annual report.

NOTE.—See, for earlier class, FS 17.202:(CT). HE 21.103:108: Reserved HE 21.109: nos. Vouth reports. Labor Department. PM (series). NOTE.—Issued by Job Corps. National Science Foundation. Mosaic (quarterly). Smithsonian Institution. Smithsonian Institution Press, annual report. National Transportation Safety Board.
Youth reports. Labor Department. L 1.58/2: nos PM (series). Note.—Issued by Job Corps. National Science Foundation. Mosaic (quarterly).
Labor Department. L 1.58/2: nos PM (series). Note.—Issued by Job Corps. National Science Foundation. Mosaic (quarterly).
L 1.58/2: nos PM (series). NOTE.—Issued by Job Corps. National Science Foundation. Mosaic (quarterly).
Note.—Issued by Job Corps. National Science Foundation. Mosaic (quarterly). Mosaic (quarterly).
NS 1.29: v. nos. & nos Mosaic (quarterly).
Quith series Institution
Smithsonian Institution Press, annual report.
DI 1.1/ d.T. date
National Transportation Safety Board. TD 1.116: CT Marine Casualty reports.
Note.—Title varies.
Tadamal Timberger Administration
Federal Highway Administration. TD 2.14: nos Highway beauty awards competition (annual).
Federal Aviation Administration.
TD 4.33: date National aviation system plan. Note.—See, for earlier publications, TD 4.2:
Norm.—See, for earner phonoactous, 15 4.2. N 21/2/(date).
TD 4.33/2: date National aviation system, policy summary
(annual). Great Lakes Basin Commission.
Y 3.G 79/3: 1/date Report.
Y 3.G 69/3: 2/CT General publications.
National Visitors Center Study Commission.
Y 3.N 21/23: 1/date Report.
Discontinued Series
National Institutes of Health.
HE 20.3009/2: date Recent translations, selected list (monthly).
Note.—Discontinued with Dec. 1969 issue.
Prisons Bureau.
J 16.13: v.nos.& nos Atlantian (quarterly). Note.—Discontinued with v. 26, no. 1-4.
J 16.18; v.nos. & nos Eagle (irregular). NOTE.—Discontinued with Spring 1968 issue.

Corrections for Previous Monthly Catalog

Jan. 1969. Entry 832-17, Translations on Communist China. Change JPRS 46737 to JPRS 46787.

Apr. 1969. Entry 6313, Turkey breeder hens, 1969 hatching season intentions.

Correct class to read A 92.9/9:969.

June 1969. Entry 8797, Anti-depressant drug studies 1955-1966. Delete second line and substitute the following: stracts; [by] Aaron Smith [and others]. iv+659 p. 4° ([Publication.

July 1969. Entry 9082, 1968 national survey of compensation scientists and engineers in research and development. At end of entry add • Item 1051. Nov. 1969. Entry 15424, Progress report on Federal housing and urban develop-

ment programs. Change * Paper, 10c. to †. Dec. 1969. Entry 16953, Computer-based vocational guidance systems. Correct class to read FS 5.225: 25053.

HE 21.101: date_____

Entry 16965, Federal work injuries sustained during calendar year 1968. Delete author heading Employees' Compensation Appeals Board, and indicate that this entry should be listed under Employees' Compensation Bureau.

-Entry 17174, Heavy oil reservoirs in Arkansas. Change circular number 8528 to 8428.

Jan. 1970. Entry 322, Federal budget, inflation, and full employment, report. Correct class to read Y 4.Ec 7: B 85/6.

— Entry 1110, Soil survey: Antelope Valley area, Calif. [summary of soil characteristics and qualities]. Delete * Paper, \$4.50 and substitute †. Correct class to read A 57.38: An 8/sum.

Feb. 1970. Entry 1836, Analysis of visibility observation methods. Add • Item

208-B-7

Entry 2880, Mental retardation abstracts. Correct beginning of fifth line to read: FS 2.22/52: prior to v.6,no.1.] Mar. 1970. Entry 3656, Clearinghouse publication 18. Change † to * Paper, 25c.

List of Government Authors

	ginning entry
Advisory Commission on Intergovernmental Relations	
Agricultural Department	
Agricultural Research Service	4797
Agricultural Stabilization and Conservation Service	
Commodity Exchange Authority	
Consumer and Marketing Service	
Economic Research Service	5337
Export Marketing Service	5399
Farmer Cooperative Service	5400
Federal Extension Service	5415
Food and Nutrition Service	5475
Foreign Agricultural Service	5477
Forest Service	5481
National Agricultural Library	
Rural Electrification Administration	6150
Soil Conservation Service	6177
Statistical Reporting Service	6254
Arms Control and Disarmament Agency	4845
Atomic Energy Commission	4869
Civil Rights Commission	4961
Civil Service Commission	
Commerce Department	
Business and Defense Services Administration	4900
Census Bureau	
Economic Development Administration	5325
Environmental Science Services Administration	5385
Coast and Geodetic Survey	
Weather Bureau	
Foreign Direct Investments Office	
International Commerce Bureau	
Maritime Administration	5836
National Bureau of Standards	5996
Patent Office	
Congress	
Atomic Energy Joint Committee	5063
Economic Joint Committee	
House of Representatives	5068
Appropriations Committee	5142
Armed Services Committee	
Banking and Currency Committee	
Crime, Select Committee on	
District of Columbia Committee	
Education and Labor Committee	
Foreign Affairs Committee	5158

Congress—Continued	
House of Representatives—Continued	ginning Entry
Government Operations Committee	5160
Interior and Insular Affairs Committee	
Internal Security Committee	5163
Interstate and Foreign Commerce Committee	5164
Judiciary Committee	5167
Merchant Marine and Fisheries Committee	5169
Public Works Committee	5174
Rules Committee	5178
Science and Astronautics Committee	5180
Printing Joint Committee	5183
Senate	5184
Aeronautical and Space Sciences Committee	5257
Commerce Committee	
District of Columbia Committee	5263
Government Operations Committee	5265
Interior and Insular Affairs Committee	5267
Judiciary Committee	5269
Labor and Public Welfare Committee	5275
Nutrition and Human Needs, Select Committee on	5278
Public Works Committee	5279
Rules and Administration Committee	5281
Small Business, Select Committee on	5282
Defense Department	5298
Air Force Department	4830
Air Force Medical Service	
Army Department	4846
Army Medical Service	4868
Civil Defense Office	4955
Engineers Corps	5363
Lake Survey	5834
Joint Chiefs of Staff	5721
National Guard Bureau	6023
Navy Department	6111
Medicine and Surgery Bureau	5842
Naval Air Systems Command	
Naval Operations Office	6088
Naval Observatory	6080
Naval Oceanographic Office	6081
Naval Personnel Bureau	6089
Naval Research Office	6098
District of Columbia	
Federal Communications Commission	
Federal Home Loan Bank Board	5418
Federal Maritime Commission	5423
Federal Power Commission	
Federal Reserve System Board of Governors	
Federal Trade Commission	
Foreign Broadcast Information Service	
Foreign Claims Settlement Commission	
General Accounting Office	5520

В	eginning Entry
General Services Administration	_
Federal Supply Service	~
National Archives and Records Service	
Federal Register Office	
Government Printing Office	
Public Documents Division	
Great Lakes Basin Commission.	
Health, Education, and Welfare Department	
Child Development Office	
Children's Bureau	
Education Office	
Public Health Service	
Consumer Protection and Environmental Health Service	
Environmental Control Administration	_ 5376
Food and Drug Administration	_ 5472
National Air Pollution Control Administration	_ 5984
Health Services and Mental Health Administration	_ 5587
Community Health Service	_ 5016
Maternal and Child Health Service	_ 5840
National Center for Health Statistics	_ 6013
National Communicable Disease Center	_ 6022
National Institute of Mental Health	_ 6041
Regional Medical Programs Service	6144
National Institutes of Health	
Health Professions Education and Manpower Training	g
Bureau	
National Heart and Lung Institute	
National Institute of Dental Research	
National Institute of General Medical Sciences	
National Institute of Neurological Diseases and Stroke	
National Library of Medicine	
Social and Rehabilitation Service	
National Center for Social Statistics	04.04
Social Security Administration	
Housing and Urban Development Department	
Federal Housing Administration	
Interior Department	
Coal Research Office	
Federal Water Pollution Control Administration	_ 5469
Fish and Wildlife Service	2000
Commercial Fisheries Bureau	
Sport Fisheries and Wildlife Bureau	
Geological Survey	_ 0000
Mines Bureau	_ 5847
National Park Service	
Reclamation Bureau	
Interstate Commerce Commission Joint Publications Research Service	
Justice DepartmentFederal Bureau of Investigation	
Narcotics and Dangerous Drugs Bureau	

E	leginning Entry
Labor Department	
Labor Statistics Bureau	F000
Manpower Administration	
Apprenticeship and Training Bureau	4844
Wage and Labor Standards Administration	
Labor Standards Bureau	_ 5816
Wage and Hour and Public Contracts Divisions	_ 6279
Women's Bureau	
Library of Congress	
Copyright Office	
National Aeronautics and Space Administration	
National Capital Planning Commission	
National Labor Relations Board	
National Science Foundation	
National Visitor Center Study Commission	
Post Office Department	
President of United States	
Executive Office of the President	
Economic Opportunity Office	_ 5329
Emergency Preparedness Office	
Railroad Retirement Board	
Small Business Administration	
Smithsonian Institution	
National Museum	6057
State Department	
International Development Agency	
Tariff Commission	
Tennessee Valley Authority	
Transportation Department	6264
Coast Guard	4977
Federal Aviation Administration	_ 5403
Air Traffic Service	
Airports Service	4843
Federal Highway Administration	_ 5416
Motor Carrier Safety Bureau	5887
National Highway Safety Bureau	6032
Public Roads Bureau	- 6137
Federal Railroad Administration	5435
National Transportation Safety Board	6072
Treasury Department	_ 6266
Accounts Bureau	4794
Customs Bureau	5296
Secret Service	6151
Internal Revenue Service	5632
United States Information Agency	6274
Veterans Administration	6275

Monthly Catalog

NO. 903 • APRIL 1970

NOTICE

All Health, Education, and Welfare Department publications received in the Division of Public Documents after December 15, 1969 are being classified under a new designation. The FS designation is being replaced by HE. In most cases it means changing FS to HE for existing classes. New classes and author headings are being used for all Public Health Service publications.

ACCOUNTS BUREAU, Treasury Dept. Washington, DC 20220

Combined statement of receipts, expenditures and balances of United 4794 States Government, fiscal year 1969. [1970.] vii+734 p. 4° ([Document 3249; Fiscal Service.]) * Paper, \$7.00. • Item 928 T 63.113:969 L.C. card 10-11510

ADVISORY COMMISSION ON INTERGOVERNMENTAL RELATIONS Washington, DC 20575

- Advisory Commission on Intergovernmental Relations, 11th annual report; 4795 Jan. 31, 1970. [1970.] vii+88 p. 4° (M-49.) [Includes list of published reports. Text on p. 2 of cover.] † • Item 1049-D L.C. card 62-62329 Y 3.Ad 9/8: 1/970
- Labor-management policies for States and local government. Sept. 1969. 4796 x+263 p. il. 4° (Commission report, A-35.) [Includes list of Commission reports.] * Paper, \$2.00. • Item 1049-D Y 3.Ad 9/8: 2 L 11 L.C. card 76-606248

AGRICULTURAL RESEARCH SERVICE, Agriculture Dept. Washington, DC 20550

- A 77.15:(nos.) ARS (series). † Biodegrading poultry excreta with house fly larvae concept and equipment; by N. O. Morgan, C. C. Calvert and R. D. Martin. Feb. 1970. 4797 33-136. 3 p. il. 40 4798 44-6.
- Hatcheries and dealers participating in national poultry improvement plan; [compiled by Animal Husbandry Research Division]. Revised Jan. 1970. [1970.] cover title, 52 p. 4° [Text on p. 2 of cover.] L.C. card 58-60307 44-79-10. 1969 report of egg production tests, United States and Canada. Jan. 1970, cover title, 40 p. 4° [Text on p. 2 of cover.] • Item 25-B 4799
- L.C. card 60-64571 51-33. 4800
- L.C. card 60-64571
 Improved procedure for determining malathion residues in stored agricultural products; [by Margaret F. Secreast and Robert S. Cail]. Feb. 1970. 8 p. 4° ([Market Quality Research Division.]) Automating fluid milk processing line, equipment and procedures; [by Maynard E. Anderson, Robert T. Marshall, and Tarvin F. Webb]. Feb. 1970. [2]+28 p. il. 4° ([Transportation and Facilities Research Division.]) [Prepared in cooperation with Missouri Agricultural Experiment Station.]
 L.C. card 70-606418 4801 52-45.

ΦFor Sale by Clearinghouse, U.S. Department of Commerce, Springfield, Va. 22151 Sent to Depository Libraries

ARS (series) -Continued

4803

91-85.

Proceedings, 19th National Potato Utilization Conference [held]
July 28-29, 1969, Ferris State College, Big Rapids, Mich. [articles,
with lists of references; prepared at Eastern Utilization Research
and Development Division]. [Dec. 1969.] cover title, ii+183 p. il.
4º [Text on p. 2 of cover.]
L.C. card 61-45082 4802 73-65.

Cooperative State-Federal hog cholera eradication program, progress report 1969; [prepared in Animal Health Division]. Feb. 1970. 44 p. il. 4 ● Item 25-B L.C. card 66-60712

4804 Plant quarantine import requirements of Guernsey. Feb. 16, 1970. 5 p. (Plant Quarantine Division.) † A 77.329: G 96

AGRICULTURAL STABILIZATION AND CONSERVATION SERVICE, Agriculture Dept., Washington, DC 20250

4805 Annual report of 1968, Caribbean Area Office, San Juan, P.R. June 1969. [6] leaves+[2]+13+[1] p. il. 24 tab. 4° ‡ L.C. card 75-602270 A 82.1/2: C 19/968

AGRICULTURE DEPARTMENT Washington, DC 20250

NOTE.—Requests to the Department of Agriculture for publications should include the USDA number if given in the entry.

Agriculture handbooks. • Item 3 A 1.76: (nos.)

 First aid for flooded homes and farms. [Revised Mar. 1970.] [1970.] 28 p. il.
 Paper, 20c.
 L.C. card 74-606293 4806

308. Forester's guide to aerial photo interpretation [with list of literature cited; by] T. Eugene Avery. Oct. 1966, slightly revised Dec. 1969. [1969.] iii+40 p. ii. 1 pl. 4° (Forest Service.) [Revised and enlarged version of Occasional paper 156, issued Jan. 1957.] * Paper, 75c.

L.C. card 71-606149 4807

 USDA standards for food and farm products [list]. [Revised Feb. 1970.]
 [1970.] 16 p. 4º (Consumer and Marketing Service, Information Division.) Paper, 20c.
 L.C. card 78-601665 4808

Farmers' bulletins. • Item 9 A 1.9: (nos.)

2140. Strawberry diseases; [by John R. McGrew]. [Revised Mar. 1970.] [1970.] iii+26 p. ii. ([Crops Research Division, Agricultural Research Service.])

* Paper, 20c.
L.C. card 71-606358 4809

block card 11-000356 see of concrete on farm; [prepared by Agricultural Engineering Research Division, Agricultural Research Service]. [Issued May 1965; slightly revised Jan. 1970.] [1970.] 30+1 p. ii. [Supersedes F 1772.] * Paper, 20c.

L.C. card 76-606205 4810

2240. Preventing and controlling internal parasites of hogs; [prepared by Animal Disease and Parasite Research Division, Agricultural Research Service.] [Issued Apr. 1969; slightly revised Mar. 1970.] [1970.] 36 p. ii. [Supersedes Farmers' bulletin 1787, Internal parasites of swine.] 4811 il. [Superse. ** Paper, 20c. ** 77-L.C. card 77-606240

Home and garden bulletins. • Item 11 A 1.77: (nos.)

Growing flowering annuals; [by Henry M. Cathey]. [Slightly revised Mar. 1970.] [1970.] 15+[1] p. ([Crop Research Division, Agricultural Research Service.]) [Supersedes Farmers' bulletin 1171 Growing annual flowering plants.] * Paper, 10c. 4812 flowering plants.] L.C. card 75-606332

114. Growing flowering perennials; [by Henry M. Cathey]. [Slightly revised Mar. 1970.] [1970.] 32 p. il. ([Crop Research Division, Agricultural Research Service.]) * Paper 15c. 4813

L.C. card 79-606333

133. Indoor gardens for decorative plants; [prepared by Henry M. Cathey, and Herschel H. Klueter and William A. Bailey]. [Issued Dec. 1967, slightly revised Feb. 1970.] [1970.] [2]+14 p. il. ([Agricultural Research Service.]) * Paper, 10c. 4814 L.C. card 71-606315

4815 174. Meat & poultry, care tips for you. [Jan. 1970.] 12 p. il. narrow 8° ([Consumer and Marketing Service.]) * Paper, 20c.

*For Sale by Superintendent of Documents †Distribution Made by Issuing Office ‡Official Use. Not Available

Page 2

A PRIL 1970

Household food consumption survey 1965-66, Report.

8. Dietary levels of households in North Central Region, spring 1965 [with list of literature cited; prepared by Betty Peterkin.] [Feb. 1970.] cover title, ii+117 p. il. oblong 8° (Agricultural Research Service.) [Includes list of selected publications from other surveys of family food consumption and dietary levels.] * Paper, \$1.00. • Item 11-A A 1.86:8/2 4816

Leaflets. • Item 12

4817

382. Fowl tick, how to control it; [prepared by Entomology Research Division, Agricultural Research Service]. [Revised Feb. 1970.] [1970.] [6] p. il. [Supersedes earlier editions.] * Paper, 10c.

466. Raising guinea pigs; [prepared by Animal Husbandry Research Division, Agricultural Research Service]. [Revised Mar. 1970. [1970.] 6 p. il. * Paper, 10c.

L.C. card 79-606317 4818

Marketing research reports. • Item 13-B

A 1.82:(nos.)

847. Feasibility of using a 50- by 30-centimeter cell box for exporting McIntosh and golden delicious apples; [by Earl D. Mallison and Donald R. Stokes]. [Feb. 1970.] 1v+16 p. il. 4° ([Transportation and Facilities Research Division, Agricultural Research Service.]) * Paper, 25c. L.C. card 73-606207

856. Regional wholesale distribution facilities for Blair County, Pennsylvania; [by John C. Bouma and James N. Morris, jr. [Jan. 1970.] [2]+38 p. il. 4* ([Transportation and Facilities Research Division], Agricultural Research Service.]) * Paper, 35c. L.C. card 72-606393

859. Moisture conditioning of seed cotton in ginning as related to fiber stations. 4819

4820

 L.C. card 72-606393
 859. Moisture conditioning of seed cotton in ginning as related to fiber quality and spinning performance; [by Clarence G. Leonard and Robert A. Mullikin]. [Mar. 1970.] 16 p. il. 4° (Agricultural Research Service and Economic Research Service.)
 * Paper, 15c.
 L.C. card 75-606245 4821

Miscellaneous publication.

843. Job with Forest Service, guide to nonprofessional employment. [Revised Feb. 1970.] [1970.] [2]+18 p. ii. (Forest Service.) * Paper, 15c. 4822 A 1.38: 843/9 L.C. card 78-6006436

A 1.68:(nos.) PA [Program aid] (series). • Item 14-A

613. Trees of the forest, their beauty and use. [Apr. 1964, slightly revised Jan. 1970.] [1970.] cover title, 24 p. il. 4° (Forest Service.) [Illustrations and text on p. 2-3 of cover.] * Paper, 25c.

L.C. card 78-606428 4823

804. Perishable agricultural commodities act, fair trading in fruit and vegetable industry. [Revised Feb. 1970.] [1970.] [8] p il. narrow 8° (Consumer and Marketing Service, Fruit and Vegetable Division.) [Formerly 4824 AMS-516.1

Production research report.

112. Response of seeded ranges to different grazing intensities in ponderosa pine range of Colorado [with list of literature cited]; by Pat O. Currie and Dwight R. Smith. [Jan. 1970.] [4]+41 p. il. (Forest Service.)

• Paper, 20c. ■ Item 13-C A 184:112 4825

A 1.34: (nos.) Statistical bulletins. • Item 15

293. Sugar statistics and related data, compiled in Administration of U.S. Sugar acts, supplies, distribution, quota operations, prices and international data through 1968. v. 1 (revised). Revised Dec. 1969. Feb. 1970. cover title, viii+171 p. 4° (Agricultural Stabilization and Conservation Service, Sugar Division.) *Paper, \$1.50.

L.C. card 62-60419

444. Commodity futures statistics, July 1968-June 1969. [Jan. 1970.] [2]+68 p.

4° (Commodity Exchange Authority.) *Paper, 60c. 4826

4827 4° (Commodity Exchange Authority.) Paper, 60c. L.C. card 50-60167

A 1.36: (nos.) Technical bulletins. • Item 16

1411. Use of input-output analysis in studying industry problems, applied to employment changes in U.S. textile industry [with list of selected references; by Philip F. Rice and Preston E. LaFerney]. [Feb. 1970.] iii+27 p. 11. (Economic Research Service.) * Paper, 20c. 4828 L C. card 72-606204

1414. Xanthophyll, carotene, and a-tocopherol stability in alfalfa as affected by pilot- and industrial-scale dehydration [with list of literature cited; by A. L. Livingston, R. E. Knowles, and G. A. Kohler]. [Mar. 1970.] [2]+14 p. il. (Agricultural Research Service.) * Paper, 10c. L.C. card 79-606203 4829

> ΦFor Sale by Clearinghouse, U.S. Department of Commerce, Springfield, Va. 22151 Sent to Depository Libraries

AIR FORCE DEPARTMENT, Defense Dept. Washington, DC 20330

	Air Ford	e manual AFM (series). ‡ D 301.7:(nos.)
4830	9–1.	Forms management: Functions of forms management office. Aug. 4, 1969. cover title, [142] p. 11. 4° [Issued in looseleaf form. Supersedes AFM 9-1, Jan. 17, 1964].
4831	66-1.	Equipment maintenance: Maintenance management. Feb. 10, 1970, cover title, [217] p. 11. 4° [Issued with perforations. Supersedes AFM 66-1, Mar. 11, 1968.] • Item 421
4832	88–29.	Facility design and planning: Air Force design manual, design policy and procedures. Feb. 12, 1970. cover title, [115] p. 11. 4° [Supersedes AFM 88-29. Nov. 8, 1969.] • Item 421
4833	88-6.	See Army Department, Technical manual 5-824-3.
4834	95-6.	See Army Department, Technical manual 5-243,
4835	160-34.	Medical service: Medical airman's manual [with reading list] Feb. 3, 1970. cover title, [395] p. il. 4° [Issued with perforations. Supersedes AFM 160-34, April 1, 1961.] • Item 421
4836	162–1.	Dental services: Administration of USAF dental activities [with list of official publications referenced]. Feb. 25, 1970. cover title, [135] p. il. 4° [Issued in looseleaf form. Supersedes AFM 162-1, Sept. 1, 1965.] • Item 421
4837	400-3.	

AIR FORCE MEDICAL SERVICE, Defense Dept. Washington, DC 20330

D 301.2: G 91/2

All the way from the ground up. [1969.] 14 p. il. 4° ([HQ Air Force ROTC (ARTOI), Maxwell AFB, Ala.]) [Illustrations are colored.] †

4839 More than 100 Air Force hospitals around the world, waiting for you!
[1969.] cover title, 16 p. il. 4° [Text on p. 2-3 of cover.] † ● Item
428-B
D 304.2: H 79

AIR TRAFFIC SERVICE, Transportation Dept. Washington, DC 20553

- 4840 En route air traffic control, Change 2 [Dec. 15, 1969.] [92] p. il. 4° (7110.9A, CHG 2.) [Effective Apr. 1, 1970. Cancellation date, July 1, 1970. Issued in looseleaf form.] † Item 431-D-1 TD 4.308: En 1/970/ch.2
- 4841 Facility management handbook, Change 3. [Dec. 15, 1969.] [86] p. 4° (7210.3 CHG 3.) Effective Apr. 1, 1970. Cancellation date July 1, 1970. [Issued in looseleaf form.] ↑ Item 431-D-1 TD 4.308: F11/ch.3
- 4842 Terminal air traffic control handbook, Change 2. [Dec. 10, 1969.] [114] p. il. 4° (7110. 8A chg. 2.) [Effective Apr. 1, 1970. Cancellation date July 1, 1970. Issued in looseleaf form.] ‡ Item 431-D-1 TD 4.308: T 27/970/ch.2

AIRPORTS SERVICE, Transportation Dept. Washington, DC 20553

4843 Heliport design guide [with bibliography]. Nov. 5, 1969 cover title, vii+76 p. il. 4° ([FAA Advisory circular] AC 150/5390-1A.) [Errata, 1 p., issued also.] * Paper, 75c. ● Item 431-H-2 TD 4.108: H 36

APPRENTICESHIP AND TRAINING BUREAU, Labor Dept. Washington, DC 20210

Trade and industry publication.

Page 4

• Item 424

4844 3. Apprenticeship schedules covering mechanical repair and personal service trades. 1970 edition. [1970.] cover title, [3]+120 p. 4° [Text 3 of cover.]

‡ ● Item 748-A L 23.16:3/2

*For Sale by Superintendent of Documents †Distribution Made by Issuing Office ‡Official Use. Not Available

ARMS CONTROL AND DISARMAMENT AGENCY Washington, DC 20451

Pensions and severance pay for displaced defense workers; prepared by 4845 Hugh Folk and Paul Hartman. June 1969. [6]+iii+173 p. 4° ([Contract] ACDA/E-138.) [Prepared by Institute of Labor and Industrial Relations, University of Illinois.] * Paper, \$1.50. • Item 125-A-3 L.C. card 70-606588 AC 1.2: P 38

ARMY DEPARTMENT, Defense Dept. Washington, DC 20310

AMC pamphlets. (Army Material command.) ‡ • Item 322-A D 101.22/3:(nos.)

- Military publications: Index of publications and blank forms, current as of Nov. 28, 1969, Jan. 2, 1970. 88 p. 4° [Issued with perforations. Supersedes AMCP 310-1 Jan. 2, 1969, including all changes.] L.C. card 67-9308 4846 310-1.
- 4847
- L.C. card 67-9308

 Reports, register of approved recurring reports. Feb. 1970. cover title, iv+189+[1] p. 4° [Quarterly. Issued with perforations. Supersedes AMCP 335-1, June 30, 1969.]

 L.C. card 66-60118

 706-110. Engineering design handbook: Experimental statistics, sec. 1: Basic concepts and analysis of measurement data [with lists of references]. Dec. 1969, cover title, [195] p. il. 4° [Issued with perforations. Supersedes AMCP 706-11D, July 31, 1963.]

 L.C. card 72-606038

 706-260. Engineering design handbook: Guns series, automatic weapons [with list of references]. Feb. 1970. cover title, [351] p. il. 4° [Issued with perforations.]

 L.C. card 76-606414 4848
- 4849
- American soldier, set 3 [1775-1965; 10 colored posters]. [1969.] 12.8 x 9 in. 4850 (Office Chief of Military History.) [Accompanied by 12 leaves, 4°, of descriptive material. Illustrator H. Charles McBarron.] * Paper, \$1.25 D 101.35: So 4/set 3 per set of 10 posters.
 - Army Materiel Command regulation AMCR (series).
- 385-224. Safety: AMC safety manual [with list of references]. June 1964 [reprint 1970]. cover title, [966] p. ll. 16° [Issued with perforations. Formerly ORD M7-224. Includes new and revised pages published in changes 1 through 12.]

 L.C. card 64-62290 D 101.9/2: 385-224/rep. 4851
- 4852 Army procurement procedure. Mar. 1, 1969 edition. [1969.] cover title, [479] p. il. 4° (Headquarters.) [Reprint which includes current pages from Change 1. Some pages are printed as leaves. Incorporates all material applicable to APP contained in Army procurement circulars through DA circular 715-2-83, Dec. 20, 1968, and conforms to Jan. 1, 1969 edition of Armed services procurement regulation, ASPR. Issued in looseleaf form. Supersedes Apr. 1, 1965 edition and Changes 1-6. † (Information incorrect in publication as to sale by Superintendent of Documents). • Item 327-A L.C. card 77-602103 D 101.6/4: 969/rep.
 - D 101.20: (nos.) Field manual FM (series). ‡ • Item 324
- Aviation battalion, group, and brigade [with list of references]. Dec. 1969 [published 1970]. cover title, [75] p. il. 4° [Issued with perforations. Supersedes FM 1-15, Apr. 21, 1967, and FM 1-20 4853 1-15.
- perforations. Supersedes FM 1-15, Apr. 21, 1901, and FM 1-20 (TEST), Apr. 5, 1968.]

 5-13. Engineer soldier's handbook [with list of references]. Dec. 1969. [Published 1970.] cover title, 237 p. il. 4º [Supersedes FM 5-13, July 31, 1964. Issued with perforations.]

 5-34. Engineer field data [with list of references]. Dec. 1969. cover title, ii+554 p. il. 5 pl. 24º [Supersedes FM 5-34, Dec. 30, 1965.]

 100-26. Air-ground operations system [with list of references]. Jan. 1970. cover title, [61] p. il. 4º [Issued with perforations.] 4854 5-13.
- 4855
- 4856
 - D 101.22: (nos.) Pamphlets. • Item 327 (Rev. 1969)
- 350-28. Organizational mechanic/repairman course, aircraft helicopter. Jan. 1970. cover title, [143] p. il. 4° [Issued with perforations.] \$\frac{1}{3}\$50-32-4. Operator training course, tactical and support vehicles, LARC 5. Jan. 1970. cover title, [44] p. 4° [Issued with perforations. Supersedes DA Pam 350-32-4, Nov 30, 1965.] \$\frac{1}{4}\$ 4857 4858

ΦFor Sale by Clearinghouse, U.S. Department of Commerce, Springfield, Va. 22151 Sent to Depository Libraries

Pamphlets—Continued

	Pampulets	-Continued					
4859	350-60.	Announcement Change 12:	of Army c Dec. 23, 1	orresponden 1969. 1970.	ce courses. [49] p.	[Sept. 1, 4º [Issued	1966], with
4860	550-34.	perforations Area handbook by] Howard xvi+370 p. search Corpe and writing 550-34, July L.C. card 75 Area handbool	for Hashemit	e Kingdom	of Jordan [1	with bibliogra	1970].
		xvi+370 p.	il. [Prepared	for Americ	an Univers	ity by System	ms Re-
		and writing	were complete	ed on Nov.	. 1, 1968. 8	Supersedes D	A pam
		L.C. card 79	-606088	C10tH, \$5.25		-1 1-1 DI	0
4861	550-81.	Area handbool Shinn [and Area Studie	others]. Oct.	Korea Lwit. 1969. xvi+4	h bibliograf 181 p. il. [H	repared by I	oreign
		\$3.75. L.C. card 75	s, American	University,	Washingt	on, D.C.]	Cloth,
4862	550-82.	Area handbook and others] Foreign Are	for Guyana [with bibliog	raphy;] by	William B. M	litchell
		Foreign Are	a Studies, Ar	nerican Uni	iversity, W	ashington, D	.C. Re-
		\$3.25.	writing were	completed	on Mar. a	1, 1909.]	CIULII,
4863	550-84.	L.C. card 79	9-606159 for Rwanda	[with biblic	ography; by	Richard F	Nyrop
-000		L.C. card 79 Area handbook [and others Studies, Am ing complete L.C. card 79	. Nov. 1969. erican Univers d Apr. 1, 1969	xiv+212 p. sity, Washin l * Cloth,	il. [Prepar ngton, D.C. \$2.75.	Research an	n Area d writ-
4864	[This ont	L.C. card 72 ry number not us	2-606089				
4004		manual TM (s		• Item 32	9	D 101.11:	(nos.)
4865	5-243.	Cartographic	aerial photog	raphy [with	list of ref		
		cover title,	aerial photog [52] p. il. [Issued with	4º (Air F 1 perforatio	orce Dept., ns. Superse	des TM 5-24	manual 3/AFM
4866	5_994_3	95/6, Apr.	9, 1964.]	lds other t	han Army	[with list of	refer-
1000	0 021 0.	ences]. Ja	n. 1970 cove	er title, 50	p. 11. 4º	(Air Force	Dept.
4005	10 500 6	5-824-3 an	d AFM 88-6, c	hap. 3, Feb.	3, 1958, inc	luding all cha	anges.]
4867	10-500-64	system [wi	th list of refe	rences]. Ja:	n. 1970. cov	er title, 24 I	o. il. 4º
		AFM 95-6. 95/6, Apr. Rigid paveme ences]. Ja AFM 88-6 5-824-3 an 4. Airdrop of s system [wi Air Force perforation 1965, inclu	s Supersedes ding all chan	TM 10-50 ges.]	0-64/TO 1	3C7-37-1, M	ay 19,
			EDICAL SE		ofongo De	ent	
		ARMI MI	Washington			:pr.	
4868	Activities	of U.S. Army	Surgical Re	search Tea	am WRAI	R, Vietnam	, tech-
	nical re	port from per	lod June 17,	1967 to 3	Jan. 20, 19	968 [with li	sts of
	reference	es]; compiled +218 p. il. 1 p	and edited	y Medical	Research	amp, 111. (pment
	Comman	nd.) [Title on	cover is: St	udies of U	S. Army	Surgical Res	search
	Team V	VRAIR, Vietna	m. Plate is	colored.]	‡ • Ite	m 351-A	
	L.C. car	rd 79-606045				D 104.2:	Su 7/2
		ATO	MIC ENERG Washington				
		Jan 1850				00.1/1-11	>
1000		arch and deve	lopment rep	orts.	Y 3.At7	: 22/(letters	dengity
4869	AEC-tr-7	114.	Extension of by means of lation of vi Dushin and title 7 p. of report F Fiziko-Tekh	f laser int	erferometer	with phase	modu-
			Dushin and	V. I. Pri	vezentsev].	[Jan. 1970.]	cover
			of report F	T 1-165, A	kademiya N	auk SSR, Kh	ar'kov,
4870	AEC-tr-7	7115	Fiziko-Tekh Turbulent hea	nicheskii In ting of plas	stitut, 1969 ma ions du	S. J • Paper, ring develop	\$3.00. nent of
1010	and the		electron-aco	ustic instal	bility [wit]	h bibliograpl	19; by
			Fiziko-Tekn Turbulent hea electron-aco V. L. Sizon cover title, lation of Ri	27 p. 11. 4°	(Translat	ion series.)	Trans-
4871	AEC-tr-7	116.	Magnetic con	issian repoi figurations	with shear	r and minin	num B
			Magnetic con [with biblication 1970.] [Jan. 1970.] [ation serior control of the c	ography; b	y V. F. A	leksin and o	thers].
			lation seri	es.) [Tra	nslation o	Russian	report
			FT 1-217.]	Ψ Paper,	\$3.00,		

*For Sale by Superintendent of Documents †Distribution Made by Issuing Office ‡Official Use. Not Available

APRIL 1970

4872	AEC-tr-7117.	On possibility of amplifying electromagnetic radiation through use of averaged high-frequency field forces
		[with bibliography; by G. S. Lukyanchikov]. [Jan. 1970.] cover title, 4 p. il. 4° (Translation series. AEC file NP-18007.) [Translation of Russian preprint EAL Departs \$2.00]
4873	AEC-tr-7118.	Forming high-frequency fields in plasma devices [with bibliography; by G. I. Zverev and others]. [Jan. 1970.] cover title, 13 p. il. 4° (Translation series; AEC file NP-17893.) [Gosudarstvennyi komitet po ispol'zovanlyu atomnolenergii SSSR, Sukhumi, Fiziko-Tekhnicheskii Institut 1969.] • Paper, \$3.00.
4874	AEC-tr-7120.	Moscow, USSR, 1969. [Feb. 1970.] cover title, 1+10 p. 4° (Translation series.) [Report of Institute of Terrestrial Physics. USSR Academy of Sciences.]
4875	AEC-tr-7123.	Equilibrium and stability of current plasma in toroidal systems [with bibliography; by S. E. Rosinskii and V. G. Rukhlini. [Jan. 1970.] cover title, 25 p. 11. 4° (Translation series; AEC file NP-17973. Translation of Russian preprint 5.1. 4° Paper \$3.00.
4876	AEC-tr-7127.	Detection and investigation of stimulated emission in argon pinch discharge [with bibliography; by A. N. Vasil'eva and others]. [Jan. 1970.] cover title, 38 p. il. 4° (Translation series; AEC file NP-17892.) [Translation of preprint 184. Akademiya Nauk SSSR.
4877	AEC-tr-7129.	Φ Paper, \$3.00. Equilibrium and stability of current plasma in toroidal systems [with bibliography; by S. E. Rosinskii and V. G. Rukhlin]. [Jan. 1970.] cover title, 25 p. il. 4° (Translation series; AEC file NP-17973. Translation of Russian preprint 51.] Φ Paper, \$3.00. Detection and investigation of stimulated emission in argon pinch discharge [with bibliography; by A. N. Vasil'eva and others]. [Jan. 1970.] cover title, 38 p. il. 4° (Translation series; AEC file NP-17892.) [Translation of preprint 184, Akademiya Nauk SSSR, Moscow, Institut Fizikl, 1968.] Φ Paper \$3.00. Introduction to statistical theory of nonlinear particlewave interaction in plasma [with bibliography; by L. M. Kovrlzhnykh]. [Jan. 1970.] cover title, 103 p. 4° (Translation series; AEC file NP-17885 (pts. 1-2).) [Preprint 117, Akademiya Nauk SSSR, Moscow, Institut Fiziki, 1968.] Φ Paper, \$3.00. 1000 MWe liquid metal fast breeder reactor follow-on
4878	AI-AEC-12792 (v. 1).	cow, Institut Fiziri, 1968.] Paper, \$3.00. 1000 MWe liquid metal fast breeder reactor follow-on study: Atomics International, task 3 report, conceptual design report, v. 1, Summary. [1970.] cover title, 89 p. il. 4° [Prepared for Argonne National Laboratory; contract ANL-31-109-38-1966.] Paper, \$3.00.
4879	AI-AEC-12792 (v. 3).	tory; contract AND-31-109-08-1906.] Wraper, \$3.00. 1000 MWe LMFBR liquid metal fast breeder reactor follow-on study: Atomics International task 3 report, conceptual design report v. 3 plant safety analyses [with list of references; edited by B. E. Harper and R. S. Hart]. [1970.] cover title, 178 p. 11. 4° (Division of Technical Information.) [Prepared for Argonne National Laboratory; contract ANL-31-109-38-1996.] • Paper, \$3.00. 1000 MWe LMFBR liquid metal fast breeder reactor
4880	AI-AEC-12792 (v. 5).	conceptual design report, v. 5, methods (with list of references). [1970.] 121 p. il. 4° (Division of Technical Information.) [Prepared for Argonne National Laboratory: confract ANL-31-109-38-1996] & Pa-
4881	AI-AEC-12793.	per, \$3.00. 1000 MWe LMFBR liquid metal fast breeder reactor follow-on study: Atomics International, task 4 report, research and development program [with list of references]; [1970.] cover title, 413 p. il. 4° (Division of Technical Information.) [Prepared for Argonne National Laboratory; contract ANL-31-109-38-1996.] \$\P\$ Paper, \$3.00.
4882	CONF-690910.	National symposium on developments in irradiation testing technology held Sandusky, Ohio, Sept. 9-11, 1969 [articles with bibliographies]. [1970.] cover title, viii+794 p. il. 4° (Division of Technical Information.) [Co-sponsored by National Aeronautics and Space Administration.] • Paper, \$3.00.
4883	CONF-680466.	Proceedings of 1st all-Union conference on plasma confinement in closed magnet systems, Moscow, Fian, Apr. 15-19, 1968 [with bibliographies]. [Feb. 1970.] cover title, iii+117 p. il. 4° (Translation series.) [Akademiya Nauk SSSR, Moscow, 1968.] \$\Phi\$ Paper, \$3.00.
4884	CONF-690102.	Fast burst reactors, proceedings of national topical meeting on fast burst reactors held at University of New Mexico, Albuquerque, Jan. 28–30, 1969, sponsored by University of New Mexico and American Nuclear Society [papers with bibliographies]. Dec. 1969. ix+646 p. il. (AEC symposium series 15.) \$\phi\$ Paper, \$3.00. L.C. card 73–603552

 ◆For Sale by Clearinghouse, U.S. Department of Commerce, Springfield, Va. 22151
 ◆Sent to Depository Libraries

	AEC research and deve	elopment reports—Continued
4885	CONF-690303.	Biological implications of nuclear age, proceedings of
		symposium held at Lawrence Radiation Laboratory, Livermore, Calif., Mar. 5-7, 1969, sponsored by Bio-
		Medical Division, Lawrence Radiation Laboratory and Atomic Energy Commission [papers, with biblioggraphies]. Dec. 1969. ix + 341 p. il. (AEC symposium
		graphies]. Dec. 1969. ix + 341 p. il. (AEC symposium
		series 16.)
4886	CONF-690501.	Radiation biology of fetal and juvenile mammal, pro-
		ceedings of 9th annual Hanford biology symposium at
		Richland, Wash., May 5-8, 1969 [papers with blb- liographies]; edited by Melvin R. Sikov, D. Dennis Mahlim. Dec. 1969. xiv+1026 p. il. (AEC symposium
		Mahlim. Dec. 1969. xiv+1026 p. il. (AEC symposium
		series 17.) [Sponsored by Battelle Memorial Institute. Pacific Northwest Laboratory and Atomic Energy
		Commission Paper, \$3.00.
4887	CONF-690824 (summ.).	L.C. card 74-603748 Electromagnetic pulse problems in civilian power and
		communications, summary of seminar held at Oak
		sored by Atomic Energy Commission and Office of
4888	NVO-61.	Civil Defense. [1970.] [3]+8 p. Φ Paper, \$3.00.
1000	N V 0-01.	list of references]. Dec. 1969, cover title, [66] p. il. 1
		Electromagnetic pulse problems in civilian power and communications, summary of seminar held at Oak Ridge National Laboratory, Aug. 19–21, 1969, sponsored by Atomic Energy Commission and Office of Civil Defense, [1970.] [3]+8 p. 4 Paper, \$3.00. Project RULISON, post-shot plans and evaluation [with list of references]. Dec. 1969, cover title, [66] p. il. 1 pl. 4° (Nevada Operations Office Las Vegas, Nev.) 4 Paper \$3.00.
4889	ORO-3842-1.	Radioisotope X-ray methods for field analysis of wet concrete quality: Phase 1, Methodology and conceptual
		concrete quality: Phase 1, Methodology and conceptual
		Berry and T. Furuta]. Apr. 17, 1969. cover title, vi+
		Corporation. Austin. Tex.: [contract AT-(40-1)-
4000	myn 4560 (03 - 3)	instrument design [with list of references; by P. F. Berry and T. Furuta]. Apr. 17, 1969. cover title, vi+66 p. il. 4° (Texas Nuclear Division, Nuclear-Chicago Corporation, Austin, Tex.; [contract AT-(40-1)-3842].) \$\Phi\$ Paper, \$3.00. Serial titles cited in Nuclear science abstracts. Jan. 1970.
4890	TID-4579 (3d ed.).	
4891	TID 90909 (mag 9)	mation Extension, Oak Ridge, Tenn.) Φ Paper, \$3.00. Standard nuclear instrument modules, adopted by AEC
4091	TID-20893 (rev. 3).	Committee on Nuclear Instrument Modules, Dec. 1969; prepared by Louis Costrell National Bureau of
		1969; prepared by Louis Costrell National Bureau of
		Standards. [1970.] [40] p. il. 4° [Incorporates addenda and supplements to this issue.] * Paper, 40c.
4892	TID-25230.	• Item 1051-C 90-day subacute oral toxicity studies on radiation, pas-
1002	112-20200.	teurized foods, strawberries, apples, and pears, final
		teurized foods, strawberries, apples, and pears, final report; [by J. C. Calandra and Margaret Ives]. Sept. 1965. cover title, [1] + 153 p. 4° (Industrial Bio-Test
		Laboratories, Incorporated, Northbrook, Ill., [contract
4893	TID-25265.	AT(11-1)-1318].) • Paper, \$3.00. Radiation-initiated emulsion oxidation, final report,
		May 1, 1968-June 30, 1969 [with list of references;
		by Dale E. Van Sickle and others] [1970.] cover title, [1]+ii+34 p. il. 4° (Stanford Research Institute Menlo Park, Calif.; [Contract AT(04-3)-115, project agreement 77, SRI project PRU-7250.])
		tute Menlo Park, Calif.; [Contract AT(04-3)-115,
		ψ Paper, \$3.00.
4894	UCRL-50631.	Paper, \$3.00. Palanuin Event, quantitative postshot distribution of close-in fallout, throwout, and base surge [with list of references; by Oliver F. de Lalla]. Aug. 5, 1969. cover title, iti+21 p. il. 4° (Lawrence Radiation Laboratory, University of California Livermore.) Φ Paper, \$3.00.
		references; by Oliver F. de Lalla]. Aug. 5, 1969.
		Laboratory, University of California Livermore.)
		Φ Paper, \$3.00.
4895		ts already exist? remarks by Glenn T. Seaborg,
		nergy Commission at Nuclear Applications Award
	of American Chemi-	r properties of heavy elements, national meeting cal Society, Houston, Tex., Feb. 24, 1970. 1970.
	29 leaves, 19 pl. 4°	
4896		nergy research 1969, supplemental report to Annual
1000		or 1969. Jan. 1970. xxvi+312 p. il. 4° [Edited by
	Division of Plans an	nd Reports in cooperation with Office of Assistant
	General Manager for	Reactors, Division of Biology and Medicine, and
] * Paper, \$3.75. • Item 1051-I
	L.C. card 64-60544	Y 3.At 7: 48/969
4897		compensation, scientists and engineers in research
		y Battelle Memorial Institute]. [1970.] cover title,
	L.C. card 75-606052	r, \$2.50. • Item 1051 Y 3.At 7: 2 C 73/2/969
	1.0. card 10-000002	1 3.At 1. 2 U (3/2/909

*For Sale by Superintendent of Documents †Distribution Made by Issuing Office ‡Official Use. Not Available

APRIL 1970

- Nuclear industry, 1969, Change. Feb. 18, 1970. [4] p. 4° (Division of In-4898 Y 3.At 7:56/969/ch. • Item 1051-0 dustrial Participation.) Ť
- Remarks by James T. Ramey, Commissioner, U.S. Atomic Energy Commis-4899 sion, at official dedication of Tarapur Atomic Power Project near Bombay, India, Jan. 19, 1970. 1970. 5 leaves, 4° (S-6-70.) Y 3.At 7: 34 R 14/26

BUSINESS AND DEFENSE SERVICES ADMINISTRATION, Commerce Dept., Washington, DC 20230

- 4900 Doing business with NATO, how U.S. companies can participate, construction, procurement, other business opportunities. [Feb. 1970.] 11 p. narrow 8° † C 41.2: B 96/5/970
- 4901 Information sources on negro market, selections from Marketing information guide. [1970.] [2] +18 p. narrow 12° † • Item 215-E
- 4902 Information sources on sales management and training, selections from Marketing information guide. [1970.] 25 p. narrow 8° † • Item 215-E
- Patterns of industrial growth: Shipments of internal combustion engines, 1958–67. Oct. 1969. 12 p. 4° † Paper, 10c. C 41.90/5: In 8/958–67 4903 C 41.90/5: In 8/958-67
- 4904 - Shipments of pharmaceutical preparations, except biologicals, 1962-67. C 41.90/5: P 49/962-67 Dec. 1969. 11 p. 4° † Paper, 10c.
- 4905 United States exports of logs and related products, 1958-68. Dec. 1969. C 41.2: L 82 20 p. 4° † Paper, 25c.
- 4906 United States plywood imports, 1958-68. Dec. 1969. 17 p. 4° (Forest Products and Packaging Division.) * Paper, 25c. C 41.2: P 74/958-68 L.C. card 71-606453
- United States veneer exports, 1958-68. Dec. 1969. 7 p. 4° (Forest Products 4907 and Packaging Division.) † Paper, 10c. U.S. Department of Commerce, Sales and Distribution Branch, Washington, DC 20230 C 41.2: V 55/2/958-68

CENSUS BUREAU, Commerce Dept. Suitland, MD 20233

- 1967 census of business: Major retail centers in standard metropolitan statistical areas BC67-MRC (series). ([Business Division.]) [Preprint of v. 3. Retail trade, major retail centers statistics.]
- C 3.202/13:967/(nos.)
- 4908 4909
- 4910
- 4911
- 3. Arizona. [Feb. 1970.] iv+27 p. il. 4° * Paper, 50c. Item 132-A-4
 17. Kansas. [Mar. 1970.] iv+23 p. il. 4° * Paper, 50c. Item 132-A-19
 28. Nebraska. [Mar. 1970.] iv+23 p. il. 4° * Paper, 50c. Item 132-A-30
 40. Rhode Island. [Feb. 1970.] iv+16 p. 4° * Paper, 40c. Item 132-A-42
 41. South Carolina. [Feb. 1970.] iv+16 p. il. 4° * Paper, 40c. Item 132-A-42
 28. South Debter [Wh. 4000] • Item 4912
- 4913 42. South Dakota. [Feb. 1970.] iv+9 p. il. 4° * Paper, 40c. ● Item 132-A-44 47. Washington. [Feb. 1970.] iv+36 p. il. 4° * Paper, 55c. ● Item 132-A-51
- Retail trade, area statistics BC67-RA (series). [Preprint of v. 2, Retail trade area statistics.]
- * Paper, \$2.00. C 3.202/2: 967/1 1. United States [summary], [Feb. 1970.] iv+173 p. il. 4° Item 132-A-1 4915
 - Selected services, area statistics BC67-SA (series). [Preprint of v. 8, C 3.204/4: 967/(nos.)
- Selected services, area statistics.] District of Columbia. [Feb. 1970.] iv+32 p. il. 4° * Paper, 50c. ■ Item 132-A-10 4916
- 4917 ● Item 132-A-11
- 5918 . Item 132-A-23
- 11. Florida. [Feb. 1970.] iv+113 p. il. 4° * Paper, \$1.00. 22. Maryland. [Feb. 1970.] iv+55 p. il. 4° * Paper, 60c. 45. Texas. [Jan. 1970.] iv+154 p. il. 4° * Paper, \$1.25. 48. Virginia. [Feb. 1970.] iv+64 p. il. 4° * Paper, 65c. ● Item 132-A-46 4919 4920 ● Item 132-A-50

ΦFor Sale by Clearinghouse, U.S. Department of Commerce, Springfield, Va. 22151 Sent to Depository Libraries

- 1967 census of governments. ([Governments Division.]) L.C. card A 68-7201 v. 5. Local government in metropolitan areas. [Nov. 1969.] [3]+579 p. il. 4°
 * Paper, \$5.00. ● Item 148-A
 C 3.145/4:967/v.5 4921 -v. 7, State reports. ([Governments division.]) • Item 148-A L.C. card A68-7201 C 3.145/4:967/v.7/(nos.) 34. North Dakota. [Jan. 1970.] [4] +61 p. il. 4° * Paper, 47. Washington. [Jan. 1970.] [4] +64 p. il. 4° * Paper, 65c. * Paper, 65c. 4022 4923 1967 census of transportation: Commodity transportation survey, shipper group TC67-C1 (series). ([Transportation Division.]) • Item 160-D 6. Paper and allied products. [Jan. 1970.] [3]+60 p. 11. 4° *Paper, 65c. C 3.233/3: TC 67-C 1-6

 8. Drugs, paints, and other chemical products [Jan. 1970.] [3]+61 p. ii. 4° *Paper, 65c.

 10. Rubber and plastics products. [Jan. 1970.] [3]+55 p. ii. 4° *Paper, 65c.

 11. Lumber and wood products expent furniture. [Jan. 1970.] [3]+55 p. ii. 4° *Paper, 65c. 4924 4925 4926 11. Lumber and wood products, except furniture. [Jan. 1970.] [3] +51 p. il 4°
 * Paper, 60c.

 * Paper, 60c.

 * Paper, 60c. 4927 11. Lumber and wood products, C2.233/3: TC 67-C1-11

 * Paper, 60c.

 13. Stone, clay, and glass products. [Jan. 1970.] [3]+67 p. ii. 40 * Paper, 75c.
 C 3.233/3: TC 67-C 1-13 4928 Census tract papers, GE-40 (series). ([Geography Division.]) 6. Final 1970 census plans and 4 programing systems for computerized data retrieval and manipulation, papers presented at Conference on Small-Area Statistics, American Statistical Association, New York, N.Y., Aug. 21, 1969. [Jan. 1970.] iii+61 p. il. 4° Paper, 65c. Item 131-C C 3.227/2:6 4929 Census use study report. 4930 9. Data uses in urban planning; [prepared by Edward F. R. Hearle.] [Feb. 1970.] † Paper, 25c. C 3.244:9 1968 county business patterns, CBP (series). ([Business Division.]) [Prepared with assistance of Social Security Administration.] • Item 133-A L.C. card 49-45747 C 3.204: (nos.) 68-10. District of Columbia. [Jan. 1970.] cover title, ix+13 p. il. 4° * Paper, 40c. 68-37. Ohio. [Jan. 1970.] cover title, ix+184 p. il. 4° * Paper, \$1.75. 68-53. Puerto Rico American Samoa, Guam, Virgin Islands. [Jan. 1970.] cover title, xi+70 p. il. 4° * Paper, \$1.00. 4931 4932 4933 4934 Current industrial reports: Aluminum ingot and mill products, summary for 1968. Jan. 26, 1970. 7 p. 4° (Series M 33-2(68)-13; Business and Defense Services Administration) † Paper, 15c. • Item 142-A C 3.158: M 33-2(68)-13 4935 - Consumption on woolen and worsted systems, 1965-1968. Jan. 16, 1970. 10 p. 4° (Series M 22 D(68)-13.) † Paper, 15c. ● Item 142-A C 3.158: M 22 D (68)-13 4936 - Fats and oils, production, consumption, and factory and warehouse stocks, summary for 1968. Jan. 9, 1970. 15 p. 4° (Series M 20K (68)-13.) † Paper, 15c. • Item 142-A C 3.158: M 20 K (68)-13 4937 — Fats and oils, vegetable oil crushers, summary for 1968. Jan. 6, 1970. 12 p. 4° (Series M 20J (68)−13.) † Paper, 15c. • Item 142-A C 3.158; M 20J (68)-13 4938 - Hardwood plywood, 1968. Jan. 19, 1970. 4 p. 4° (Series MA-24F (68)-1.) † Paper, 25c. ● Item 142-A C 3.158: MA-24 F (68)-1 4939 -Pumps and compressors, 1968. Jan. 29, 1970. 4 p. 4° (Series MA-35P (68)−1.) † Paper, 25c. • Item 142-A C 3.158: MA-35 P (68)-1
 - *For Sale by Superintendent of Documents †Distribution Made by Issuing Office ‡Official Use. Not Available

(68)-2.) † Paper, 15c. ● Item 142-A

--- Spun yarn production, 1968. Jan. 28, 1970. 7 p 4° (Series MA-22F)

Current population reports: Series P-20, Population characteristics.

* Paper, \$8.50 (including Series P-20, P-23, P-25, P-26, P-27, P-28 summaries, P-60, and P-65 for one year), \$2.50 additional for foreign mailing; single copy, prices vary.

■ Item 142-C C 3.186; P-20/(nos.)

C 3.158: MA-22 F(68)-2

- 4941 194. Educational attainment, Mar. 1969; [prepared by Aurora A. Zappolo and Charles E. Johnson, jr.]. Feb. 19, 1970. ii + 28 p. ii. 4° * Paper, 25c.
- 4942 195. Spanish-American population, Nov. 1969, preliminary data from Nov. 1969 sample survey. Feb. 20, 1970. 2 p. 4° * Paper, 5c.
 - Current population reports: Series P-23, Technical studies. *Paper, \$8.50 (including Series P-20, P-23, P-25, P-26, P-27, P-28 summaries, P-60, and P-65 for one year), \$2.50 additional for foreign mailing; single copy, prices vary. Item 142-C C 3.186:P-23/(nos.)
- 4943
 30. Characteristics of American youth, population, educational attainment, school enrollment, voting, migration; [prepared by Jerry T. Jennings, Charles E. Johnson, jr., and Aurora A. Zappolo]. Feb. 6, 1970. cover title, 1+24 p. 4" ([Population Division.]) * Paper, 35c.
 - Current population reports: Series P-25, Population estimates and projections. * Paper, \$8.50 (including Series P-20, P-23, P-25, P-26, P-27, P-28 summaries, P-60, and P-65 for one year), \$2.50 additional for foreign mailing; single copy prices vary. Item 142-C C 3.186: P-25/(nos.)
- 4944 434. Estimates of population of United States, Oct. 1, 1969. Nov. 18, 1969. 2 p.
- 4° * Paper, 5c.
 438. Estimates of population of United States, Dec. 1, 1969. Jan. 21, 1970. 2 p. 4°
 * Paper, 5c.
 - Current population reports: Series P-26, Federal-State cooperative program for population estimates. *Paper, \$8.50 (including Series P-20, P-23, P-25, P-26, P-27, P-28 summaries, P-60, and P-65 for one year), \$2.50 additional for foreign mailing; single copy prices vary. Item 142-C C 3.186: P-26/(nos.)
- 4946 5. Estimates of population of Hawaii counties, July 1, 1967 and 1968. Feb. 18, 1970, 5 p. 4° * Paper, 10c.
- 4947 6. Estimates of population of Oklahoma counties, July 1, 1968 and 1969. Feb. 27, 1970. 5+[1] p. 4° Paper, 10c.
 - Current population reports: Series P-28, Special censuses. * Paper, \$8.50 (including Series P-20, P-23, P-25, P-26, P-27, P-28 summaries, P-60, and P-65 for one year), \$2.50 additional for foreign mailing; single copy, prices vary. Item 142-C C 3.186: P-28/(nos.)

 Note.—Only the summaries for Series P-28 are included in the subscription. Censuses for individual cities and towns are sold by the Census Bureau at the
- prices indicated.
 4948 1496. Summary of special censuses conducted by Bureau of Census between
 Oct. 1 and Dec. 31, 1969. Feb. 19, 1970. 2 p. 4° * Paper, 5c.
 - Government finances GF 69 (series).
- 4949 1. State tax collections in 1969. [Jan. 1970.] iii+40 p. il. 4° ([Governments Division.]) * Paper, 50c. Item 146-E
 L.C. card 16-26976 C 3.191/2:969/1
 - International population reports: Series P-91.
- 4950 19. Projections of population of U.S.S.R., by age and sex, 1969-90; prepared by Godfrey Baldwin, Dec. 1969 [published 1970]. 14 p. 4° Paper, 20c.

 Item 142-C C 3.186: P-91/19
- 4951 Some facts about Census '70, Wednesday, Apr. 1, 1970, will be Census Day for 19th decennial census of United States. [1970.] 6 p. 4° † Item 146 C 3.2: C 33/26

CHILD DEVELOPMENT OFFICE, Health, Education, and Welfare Dept. Washington, DC 20201

- Note .- See Notice on page 1.
- 4952 Discipline and self-control, program manual and study guide; [with bibliographies; by Jeannette W. Galambos]. [1969.] cover title, 28 p. il. 4° ([Project Head Strat.]) † Item 455–N-1 HE 21.208: D 63
- organizing free play, program manual and study guide; [with bibliographies]; by Jeannette W. Galambos. [1969.] cover title, 19 p. il. 4° ([Project Head Start.]) † Item 445–N-1 HE 21.208: P 69

 ◆For Sale by Clearinghouse, U.S. Department of Commerce, Springfield, Va. 22151
 ◆Sent to Depository Libraries

CHILDREN'S BUREAU, Health, Education, and Welfare Dept. Washington, DC 20201

Youth reports.

1. Teenagers discuss the generation gap; [by] Elizabeth Herzog [and others] 1970. [2] leaves+ii+36 p. 4° ↑ ■ Item 454-B L.C. card 72-606342 HE 21.109: 1 4954 HE 21.109:1

CIVIL DEFENSE OFFICE (Army), Defense Dept. Washington, DC 20310

- 4955 Annual statistical report, fiscal year, 1969, [1970.] cover title, iv+120 p. il. 4° ([Statistics and Reports Division, Office of Comptroller.]) • Item 857-D-17 L.C. card 63-61221 D 119.1/2:969
- 4956 Civil defense management for sewerage systems, industrial civil defense handbook [bibliography]. Nov. 1969 [published 1970]. cover title, v+85 p. il. 4° † • Item 320-B-3 D 119.8/3: F 3.42
- Federal civil defense guide: pt. B, chap. 3, app. 1, Fiscal year 1971 program emphasis. Mar. 1970. [1]+4 p. 4° [Supersedes B-3-1, Mar. 1969. Issued in looseleaf form.] † Item 320-B-3 4957 D 119.8/4: pt.B/chap.3/app.1/971
- 4958 - pt. E, chap. 14, app. 1, National defense transportation Association (NDTA) support to Civil Defense in emergencies. Dec. 1969. [1]+8 p. 4° [Issued in looseleaf form. Supersedes pt. E, chap. 14, app. 1, Dec. D 119.8/4: pt.E/chap.14/app.1/969 Item 320-B-3
- Pt. F, chap. 5, app. 1, with annexes 1-5, Federal contributions for civil defense equipment. Jan. 1970. [3]+74 p. 4° [Supersedes pt. F, Chap. 5, app. 1 which includes annexes 1 and 2, Mar. 1966, annex 3, 4959 Sept. 1966, annex 4, Oct. 1968, and changes 1-7.] † • Item 320-B-3 D 119.8/4: pt.F/chap.5/app.1/annexes 1-5

Technical report TR (series).

20. [Shelter design and analysis: v. 1, Fallout protection], Change 2. Jan. 1970.

[74] p. il. 4° [Issued with perforations.]

□ Item 320-B-2

D 119.9: 20/v.1/ch 2 4960

CIVIL RIGHTS COMMISSION Washington, DC 20425

Clearinghouse publication.

22. HEW and title 6, report on development of organization, policies and compliance procedures of Department of Health, Education, and Welfare under title 6 of Civil rights act of 1964. 1970. vii +73 p. * Paper, 45c. 4961 Education, and Western Education, and Paper, 45c. ● Item 288-A L.C. card 73-606361 CR 1.10:22

CIVIL SERVICE COMMISSION Washington, DC 20415

- Amendment to announcement WA-O-01 (local), substitute clerk-carrier. Jan. 1970. 1 p. oblong 48° (Interagency Board of U.S. Civil Service Examiners for Washington, D.C.) † CS 1.26/4: 970/WA-O-01/amdt. 4962
- 4963 Amendment to announcement WAP-915, Trainees: Engineering, physical sciences, mathematical sciences, grade GS-3. Feb. 4, 1970. 1 p. oblong 32° (Interagency Board for U.S. Civil Service Examiners for Washington, D.C.) CS 1.26/4: 969/WAP-915/amdt.
- 4964 Careers for dental auxiliaries, dental hygienist, grade GS-5, dental technician, grades GS-5, GS-6, GS-7, for work in Washington, D.C. area, apply to Interagency Board of U.S. Civil Service Examiners for Washington, D.C., announcement WA-7-21 (local). July 18, 1967, revised Mar. 2, 1970. [1970.] 4 p. 4° [Open until further notice.] † • Item 292 CS 1.26/4: 967/WA-7-21/rev.

*For Sale by Superintendent of Documents †Distribution Made by Issuing Office ‡Official Use. Not Available

APRIL 1970

- Civil service recruiter, no. 20, Jan.-Feb. 1970. [1970.] [6] p. 4° † 4965 CS 1.68:20
- Current Federal civil service announcements, AN-2279, issue 194, Mar.-4966 Apr. 1970. [1970.] [2] p. f°, folded into narrow 8° size. † ● Item 292
- Current local announcements, covering Washington, D.C., metropolitan area, AN 2602-WA, issue 1D, Mar.-Apr. 1970. [1970.] [2] p. il. f°, folded into oblong 8° size. (Interagency Board of U.S. Civil Service 4967 CS 1.28: 2602-WA/10 Examiners for Washington, D.C.)

Federal employee facts. • Item 293-A CS 1.59:(nos.)

- 4968
- Civil service retirement system. Feb. 1970. [6] p. il. narrow 8° * Paper, \$5.00 per 100; single copy, 10c.
 Financial protection for Federal employees, sickness, accidents, unemployment. Mar. 1970. [6] p. il. narrow 8° * Paper, \$5.00 per 100; single 4969

Federal personnel manual, FPM supplement. • Item 294

CS 1.41/4: (nos.)

- 4970
- CS 1.41/4:(nos.)

 296-31. Processing personnel actions. [Revised edition.] [1970.] cover title,
 [404] p. 4° (Federal personnel manual system.) [Issued in looseleaf
 form.] *Paper, \$7.50 (including basic manual, installments, and
 transmittal letters issued irregularly for an indefinite period); \$2.50
 additional for foreign mailing.

 990-2. Hours of duty, pay and leave, annotated, [Revised edition.] 1969 [published 1970]. cover title, [286] p. 4° [Issued in looseleaf form.]
 *Paper, \$5.50 (includes basic manual and supplementary material
 for an indefinite period); \$1.50 additional foreign mailing.

 L.C. card 63-62418 4971
- Introduction to supervision, basic course for Government supervisor, guide for instructors. 1970. [147] leaves il. 4 (Bureau of Training, General Management Training Center.) [Issued in looseleaf form.] 4972 • Item 296-B CS 1.7/4: Su 7 * Paper, \$2.50.
- Local and regional civil service examinations offering best job oppor-4973 tunities, AN 2280 [issue 142], Mar.-Apr. 1970. [1970.] [2] p. oblong f°, folded into narrow 8° size. † ● Item 292 CS 1.28: 2280/142

COAL RESEARCH OFFICE, Interior Dept. Washington, DC 20240

- Item 606-C-2 I 63.10:(nos.) [Research and development] reports.
- 4974
- [Research and development] reports. Item 606-C-2 163.10:(nos.)
 29. Project Seacoke, Aug. 1964-June 1969; [prepared by Atlantic Richfield Company, Research and Development Department, Harvey, III.]. [1969.]
 (Contract 14-01-0001-473.)
 v. 1. cover title, [1]+v+80+[64] p. il. 4° [Includes Appendix A-C.]
 *Paper, \$1.25.
 v. 2. Appendix D. cover title, [237] p. il. 4° *Paper, \$4.00.
 52. Thermionic topping converter for coal-fired power plant; prepared by Consolidated Controls Corporation, Bethel, Conn. [1970.] [114] p. il. 4° ([Contract 14-01-0001-499.]) *Paper, \$1.25. 4975

COAST AND GEODETIC SURVEY, Commerce Dept. Washington, DC 20230

United States nautical chart catalog no. 1, Dec. 1969, Atlantic and Gulf Coasts (including Puerto Rico and Virgin Islands), tide tables, coast pilots, current tables, tidal current charts. [1970.] [2] p. il. oblong for folded into 8° size. † C 4.5:1/969-2

COAST GUARD, Transportation Dept. Washington, DC 20591

Light list: v. 2. Atlantic and Gulf Coast, Little River, S.C. to Rio Grande, Tex., and Antilles, 7th and 8th Coast Guard districts, Dec. 20, 1969. 1970. xxvii+505+[4] p. il. 4° (CG-160.) [Publication contains list of lights, fog signals, buoys, daybeacons, lightships, radiobeacons, and loran stations. Includes Notice to mariners 51, 1969 Some illustrations are colored. Map on p. 2 of cover.] * Paper, \$4.75. • Item 936 L.C. card 66-61291 TD 5.9: v.2/970

> ΦFor Sale by Clearinghouse, U.S. Department of Commerce, Springfield, Va. 22151 •Sent to Depository Libraries

4978 Need boat insurance? make seal of safety your policy, awarded by Coast Guard Auxiliary, [1969.] [8] p. il. narrow 8° ([AUX-204 (8-69).]) TD 5.2: B 63 • Item 934

COMMERCE DEPARTMENT Washington, DC 20230

NOTE.—Requests to the Commerce Department for publications should give the full title and the date of the publication. Do not include Monthly Catalog entry numbers or Superintendent of Documents classification numbers which should be used only when ordering from the Superintendent of Documents.

- 4979 Address by Maurice H. Stans, Secretary of Commerce before Economic Club of New York, Mar. 3, 1970, 1970, 17 p. 4° † C 1.18: St 2/30
- Address by Maurice H. Stans, Secretary of Commerce, 8th Lecture in Business-Government Relations, sponsored by Center for Study of Private Enterprise, School of Business, American University, Washington, D.C., Feb. 24, 1970. [1970.] 25 p. 4° † C 1.18: St 2/29 4980
- 4981 Annual report of Secretary of Commerce, fiscal year 1969. [1970.] cover title, vi—102 p. 4° * Paper, \$1.00. • Item 126 L.C. card 14-30030 C1.1:969
- 4982 Decision analysis approach to satisfying requirements of Flammable fabrics act, address [with list of references] by Assistant Secretary of Commerce for Science and Technology Myron Tribus, prepared for delivery at Textile and Needle Trades Division, American Society for Quality Control at Greensboro, N.C., Feb. 12, 1970. [1970.] 16+[4] p. il. 4° C 1.18: 8 73/10
- 4983 Export expansion, where do we go from here? address by Robert McLellan, Deputy Assistant Secretary of Commerce for Business Development, prepared for delivery at area meeting of Mid-America Regional Export Expansion Councils, Chicago, Ill., Feb. 16, 1970. [1970.] 7 p. 4° O1.18: M 22/7
- Housing industry, challenge for Nation, report of Panel on Housing Tech-4984 nology. Jan. 1970. 36 p. il. 4° * Paper, 65c. • Item 128 L.C. card 70-606233 C 1.2: H 81/2
- 4985 Improving education-industry relations, address by Assistant Secretary of Commerce for Science and Technology, Myron Tribus, prepared for delivery at meeting of American Institute of Chemical Engineers, Atlanta, Ga, Feb. 17, 1970. 1970. 6 p. † C1.18: T73/11
- 4986 International business in a changing world, address by Robert McLellan, Deputy Assistant Secretary of Commerce for Business Development, prepared for delivery at 33d Chicago Mid-America World Trade Conference, Chicago, Ill., Feb. 17, 1970. [1970.] 9 p. 4°
- International business in changing world, address by Robert McLellan, Deputy Assistant Secretary of Commerce for Business Development, prepared for delivery to California Council for International Trade, San 4987 Francisco, Calif., Mar. 9, 1970. [1970.] 11 p. 4° † C 1.18: M 22/9
- 4988 Outlook for textiles, remarks by Stanley Nehmer, Deputy Assistant Secretary of Commerce for Resources, prepared for delivery at luncheon of Linens and Domestics Buyers of America, New York City, N.Y., Feb. 4, 1970. 1970. 15 p. 4° + C 1.18: N 31/14
 - Overseas business reports OBR (series). [Issued irregularly.] \$16.00 a yr., \$5.00 additional for foreign mailing; single copy, 15c. (1-3 yr. subs.). ● Item 231-B C 1.50:(nos.)
- 4989
- 69-61. Basic data on economy of Bolivia [with bibliography; prepared by Joseph E. Payne, jr. Dec. 1969 [published 1970]. 12 p. il. 4° (Bureau of International Commerce.) [Issued with perforations. Supersedes OBR 63-126.]
 69-63. Market factors in Austria; prepared in European Division, Office of International Regional Economics. Dec. 1969 [published 1970]. 12 p. il. 4° (Bureau of International Commerce.) [Issued with perforations. Supersedes OBR 65-31.] 4990

*For Sale by Superintendent of Documents †Distribution Made by Issuing Office

‡Official Use. Not Available

Page 14

APRIL 1970

4991	69-64.	Establishing business in Venezuela [with bibliography]; prepared b. David S. McCracken, Dec. 1969. [published 1970.] 18 p. 4° (Burea of International Commerce.) [Issued with perforations.]
4992		Basic data on economy of Peru [with bibliography]; prepared by Bruce B Sever. Dec. 1969 [published 1970]. 24 p. il. 4° (Bureau of Interna tional Commerce.) [Issued with perforations.]
4993		Digest of African countries' economic development plans; prepared by Raymond M. Toler and Alfred M. Liveright. Dec. 1969, 32 p. 4° (Bu reau of International Commerce.) [Issued with perforations.]
4994		Basic data on economy of Burma [with bibliography]; prepared by Kathleen Keim. Dec. 1969 [published 1970]. 11 p. il. 4° (Bureat of International Commerce.) [Issued with perforations. Supersede OBR 63-162.]
4995		Basic data on economy of Netherlands Antilles [with bibliography]; pre- pared by Marcia J. Maleske and Ray Alvarez. Dec. 1969 [publisher 1970]. 8 p. il. 4° (Bureau of International Commerce.) [Issued with perforations.]
4996		Foreign trade regulations of Sweden; prepared by William Nagel. Dec 1969 [published 1970]. 8 p. 4° (Bureau of International Commerce.) [Issued with perforations. Supersedes OBR 65-14.]
4997		Foreign trade regulations of Ireland; prepared by A. Russell Romer Dec. 1969 [published 1970]. 7 p. 4° (Bureau of International Commerce.) [Issued with perforations. Supersedes OBR 64-64.]
4998		Foreign trade regulations of the East African Community (Kenya, Tanzania, and Uganda); prepared by Daniel E. Gardner. Dec. 1969 [published 1970]. 8 p. 4° (Bureau of International Commerce.) [Issued with perforations. Supersedes OBR 66-40.]
4999	69-81.	Foreign trade regulations of United Arab Republic; prepared by Albert J Planagan. Dec. 1969 [published 1970]. 8 p. 4° (Bureau of Interna- tional Commerce.) [Issued with perforations. Supersedes BR 66-59.]
5000		Foreign trade regulations of Paraguay; prepared by Elliot Werner, Dec 1969 [published 1970], 7 p. 4° (Bureau of International Commerce, Itssued with perforations, Supersedes OBR 66-95.]
5001		Foreign trade regulations of Norway; prepared by Grant Olson. Dec 1969 [published 1970]. 8 p. 4° (Bureau of International Commerce, [Issued with perforations. Supersedes OBR 64-137.]
5002	69-84.	Establishing a business in Ghana [with bibliography]; prepared by William D. Newkirk and James T. Doyle. Dec. 1969 [published 1976.] 10-121 p. 40 (Bureau of International Commerce.) [Supersedes OBI

Potential for input-output economics in 1970's, remarks by Harold C. Passer, Assistant Secretary of Commerce for Economic Affairs, prepared for delivery at Symposium on Input-Output, Cleveland Engineering and Scientific Center, Cleveland, Ohio, Feb. 26, 1970. [1970.] 8 p. 4° † C 1.18: P 26/5

5004 Remarks of Rocco C. Siciliano, Under Secretary of Commerce at luncheon meeting of Greater Cleveland, Growth Area, Convention Center, Cleveland, Ohio, Feb. 17, 1970. 1970. 8 p. 4° † C 1.18: Si 12/11

5005 What's new in Census of 1970? remarks by Harold C. Passer, Assistant Secretary of Commerce for Economic Affairs, prepared for delivery to Harvard Business School Club of Rochester, N.Y., Feb. 25, 1970. 1970. 6 p. 4° † C 1.18: P 26/6

COMMERCIAL FISHERIES BUREAU, Interior Dept. Washington, DC 20240

	Commercial fisheries review, separates. † 149.10/a:(nos.)
5006	803. New "live car" improves catfish harvesting and handling; by Marvin F. Boussu. [1970.] p. 33-35, il. 4° [From Dec. 1967 issue.]
5007	836. Progress report on development of shrimp trawl to separate shrimp from fish and bottom-dwelling animals [with list of literature cited; by] William L. High, Ian E. Ellis, and Larry D. Lusz. [1970.] p. 20-33, il. 4° [From v. 31. no. 3.]
5008	853. Tuna purse seine fishery in eastern tropical Atlantic; [by] John P. Wise. [1970.] p. 27-28. il. 4° [From Nov. 1969 Commercial fisheries review.]
5009	854. Fishery oceanography, 4: Ocean salinity and distribution of Pacific salmon; [by] Felix Favorite. [1970.] p. 29-33, il. 4° [Reprint from Commercial fisheries review, Nov. 1969.]
5010	855. Tropical Atlantic tuna larvae collected during EQUALANT surveys [with list of literature cited; by] William J. Richards. [1970.] p. 33-37, il. 4° Reprint from Commercial fisheries review, Nov. 1969.]

Fishery bulletin.

v. 67, no. 2. [Articles, with lists of literature cited.] June 1969. [2] +183-459 p.
il. 4° [Text and other illustrations on p. 2-3 and contents on p. 4
of cover] ↑ ■ Item 611 I 49.27: v.67/no.2

 ◆For Sale by Clearinghouse, U.S. Department of Commerce, Springfield, Va. 22151
 ◆Sent to Depository Libraries

- 5012 Fishery bulletin of Fish and Wildlife Service, v. 65, issued 1965 and 1966 [title page, contents, and index]. [1970.] iii+687-695 p. 4° † • Item I 49.27: v.65/t.p.& ind. 611
 - Special scientific report: Fisheries (series) Item 614-B

I 49.15/2:(nos.)

- 5013
- 598. Size composition, sex ratio, and size at maturity of offshore northern lobsters [with list of literature cited]; by Bernard E. Skud and Herbert C. Perkins, Dec. 1969. iii+10 p. il. 4° †
 599. Diagnostic characters of juveniles of shrimps, Penaeus aztecus aztecus, P. duorarum duorarum, and P. brasillensis (Crustacea, Decapoda, Penaeddae) [with list of literature cited]; by Isabel Perez Farfante. Feb. 1970. 5014 iii + 26 p. il. 4º

COMMODITY EXCHANGE AUTHORITY, Agriculture Dept. Washington, DC 20250

5015 Commodity exchange act as amended, general regulations, orders of Secretary of Agriculture, orders of Commodity Exchange Commission, rules of practice. [1969.] cover title, viii+103 p. 4° [Issued with perfora-* Paper, \$1.25. • Item 40 tions.] L.C. card Agr 48-459 A 85.6: C 73/970

COMMUNITY HEALTH SERVICE, Health, Education, and Welfare Dept. Washington, DC 20201

Note .- See Notice on page 1.

- 5016 Activities supervisor's guide, handbook for activities supervisors in longterm care facilities. 1969 [published 1970]. 64 p. il. 4° ([Public Health Service publication 2021]; Division of Health Resources, Nursing Home Branch.) * Paper, \$1.00. ● Item 512-E-2 L.C. card 73-606223 HE 20.2558: Su 7
- 5017 1969 continuing education in comprehensive health planning. [Oct. 1969.] [6] p. il. narrow 8° (Partnership for health; Division of Comprehensive Health Planning.) • Item 512-E-1 HE 20.2552: Ed 8/969
- 5018 Directory of States and areawide comprehensive health planning agencies supported under sec. 314, Public health service act as of Oct. 1. 1969. Nov. 1969. cover title, iii+63 p. oblong 12° (Division of Comprehensive Health Planning.) † • Item 512-E-1 L.C. card 72-606421 HE 20.2552: H 34/969
- 5019 1969 graduate education in comprehensive health planning. [Oct. 1969.] [10] p. narrow 8° ([Division of Comprehensive Health Planning.]) ● Item 512-E-1 HE 20,2552: Ed 8/2
- 5020 Homemaker/home health aide, community resource. [1969.] [6] p. il. narrow 8° ([Public Health Service publication 2011.]) † • Item 512-E-1 HE 20.2552: H 75

CONGRESS

- Congressional record, proceedings and debates of 91st Congress, 1st session, v. 115. [Permanent edition.] 1969. • Item 993
 - L.C. card 12-36438 X 91/1:115/pt.(nos.)
- NOTE.—In the permanent bound edition, the paging differs from that of the daily numbers, the text being revised, rearranged, and printed without break.
- 5021
- 5022
- 5023
- 5024 5025
- 5026
- 5027
- pt. 1. Jan. 3-21, 1969, 1380 p. 4° * Cloth, \$6.50. pt. 2. Jan. 22-Feb. 4, 1969. [1] + 1381-2774 p. 4° * Cloth, \$6.50 pt. 3. Feb. 5-21, 1969, [1] + 2775-4178 p. 4° * Cloth, \$6.50. pt. 4. Feb. 24-Mar. 6, 1969. [1] + 4179-5498 p. 4° * Cloth, \$6.50. pt. 5. Mar. 7-19, 1969. [1] + 5499-6920 p. 4° * Cloth, \$6.50. pt. 6. Mar. 20-Apr. 1, 1969. [1] + 6921-8378 p. 4° * Cloth, \$6.75 pt. 7. Apr. 2-21, 1969. [1] + 8379-9826 p. 4° * Cloth, \$6.75 pt. 8. Apr. 22-May 1, 1969. [1] + 9827-11208 p. 4° * Cloth, \$6.50. 5028

*For Sale by Superintendent of Documents †Distribution Made by Issuing Office ‡Official Use. Not Available

APRIL 1970

Congressional serial set

Note.—During each session of Congress the House and Senate documents and reports are accumulated into bound volumes comprising the Congressional serial set. No catalog entry is made for the volumes of the Serial set since the documents and reports contained therein have been previously listed in the Monthly catalog.

The following bound volumes were sent to depository libraries during the period of this extellor: of this catalog :

House documents:

- 5029 5030
- no. 177, 91st Congress, 1st session, Operating Federal assistance programs compiled during Roth study, 1969 listing [Serial 12852-4]. Item 995-G no. 180, 91st Congress, 1st session, Acid mine drainage in Appalachia, vol. 1 [Serial 12852-5]. Item 995-G no. 180, 91st Congress, 1st session, Acid mine drainage in Appalachia, vol. 2 [Serial 12852-6]. Item 995-G no. 180, 91st Congress, 1st session, Acid mine drainage in Appalachia, vol. 3 [Serial 12852-7]. Item 995-G

House reports:

nos. 197-331, with exceptions, 90th Congress, 1st session, House miscellaneous 5031 reports on public bills II [Serial 12753-2]. • Item 1007-A

Senate documents:

- 5032
- nos. 2-27, with exceptions, 90th Congress, 1st session, Senate miscellaneous documents I [Serial 12756-1]. Item 955-G no. 55, 91st Congress, 2d session, Report of Secretary of the Senate, July 1-Dec. 31, 1969 [Serial 12889]. Item 995-M 5033

Senate reports:

- Senate miscellaneous re-5034
- nos. 1-248, with exceptions, 90th Congress, 1st session, Senate miscellaneous reports on public bills I [Serial 12750-1]. Hem 1007-A no. 636, 91st Congress, 2d session, 19th annual report, Joint Committee on Defense Production [Serial 12883-1]. Item 1007-A 5035

Laws

Note.—The Federal laws are first published separately and in this form are known as "slip laws". Later, these laws are compiled, edited, indexed, and published in the volumes of the Statutes at large.

Private laws, 91st Congress. † House or Senate Document Rooms, Capitol.

- 56. S. 267, act for relief of Lt. Col. Samuel J. Cole, U.S. Army (retired). Ap-5036
- proved Nov. 10, 1969. 1 p.

 57. S. 499, act for relief of Ludger J. Cosette. Approved Dec. 1, 1969. 1 p.

 58. S. 632, act for relief of Raymond C. Melvin. Approved Dec. 1, 1969. 1 p. 5037 5038
- 59. S. 757, act for relief of Yvonne Davis. Approved Dec. 1, 1969. 1 p. 5039 60. S. 92, act for relief of Mr. and Mrs. Wong Yul. Approved Dec. 2, 1969. 1 p. 62. S. 564, act for relief of Mrs. Irene G. Queja. Approved Dec. 15, 1969. 1 p. 5040
- 5041 5042
- 62. S. 304, act for relief of Mrs. Helle G. Queja. Approved Dec. 13, 1969. 1 p.
 63. S. 2019, act for relief of Dug Foo Wong. Approved Dec. 15, 1969. 1 p.
 64. H.R. 2238, act to provide for relief of certain civilian employees paid by Air Force at Tachikawa Air Base, Japan. Approved Dec. 18, 1969. 1 p.
 65. H.R. 4744, act for relief of Mrs. Ezra L. Cross. Approved Dec. 19, 1969. 1 p. 5043
- 5044
- 78. S. 476, act for relief of Mrs. Marjorie Zuck. Approved Feb. 2, 1970. 1 p. 5045 77. S. 1438, act for relief of Yau Ming Chinn (Gon Ming Loo). Approved Feb. 11, 1970. 1 p. 5046
- 78. S. 55, act for relief of Leonard N. Rogers, John P. Corcoran, Mrs. Charles W. (Ethel J.) Pensinger, Marion M. Lee, and Arthur N. Lee. Approved 5047
- March 2, 1970. 1 p. S. 1678, act for relief of Robert C. Szabe. Approved Mar. 3, 1970. 1 p.
 S. 2566, act for relief of Jimmie R. Pope. Approved Mar. 3, 1970. 1 p. 5048

Public laws, 91st Congress. • Item 575

Note.—Public laws in slip form in the first prints may be obtained from the Superintendent of Documents, Washington, D.C. 20402, at a subscription price of \$20.00 per session, \$5.00 additional for foreign mailing; single copies vary in price.

- 191. S.J. Res. 131, joint resolution to welcome to United States Olympic delega-5050 tions authorized by International Olympic Committee. Approved Feb. 3, 1970. 2 p. * Paper, 5c.
- 192. H.J. Res. 1051, joint resolution designating week commencing Feb. 1, 1970, as International Clergy Week in United States, and for other purposes. Approved Feb. 4, 1970. 1 p. * Paper, 5c. 5051
- 193. H.J. Res. 1072, joint resolution making further continuing appropriations, 5052 fiscal year 1970, and for other purposes. Approved Feb. 9, 1970. 1 p. • Paper, 5c.

φFor Sale by Clearinghouse, U.S. Department of Commerce, Springfield, Va. 22151 Sent to Depository Libraries

5049

	Public laws, 91st Congress—Continued
5053	194. H.R. 15149, act making appropriations for foreign and related programs, fiscal year 1970, and for other purposes. [Approved Feb. 9, 1970.] 10 p. Paper, 10c.
5054	195. H.J. Res. 888, joint resolution to authorize the President to designate Feb. 13-19, 1970, as Mineral Industry Week. Approved Feb. 11, 1970. 1 p.
5055	196 S. 2214, act to exempt potatoes for processing from marketing orders.
5056	197 H.R. 9564, act to remove restrictions on grades of director and assistant
5057	198. H.R. 11548, act to amend title 10, United States Code, to permit naval flight officers to be eligible to command certain naval activities and for other

purposes. Aproved Feb. 26, 1970. 1 p. * Paper, 5c.

199. H.R. 8664, act to authorize increase in number of flag officers who may serve on certain selection boards in Navy and in number of officers of Naval Reserve and Marine Corps Reserve who are eligible to serve on selection boards considering Reserves for promotion. Approved Feb. 26, 1970.

1 p. * Paper, 5c. 5058 1 p.

5059

5060

 1 p. * Paper, 5c.
 200. H.R. 9485, act to remove \$10,000 limit on deposits under sec. 1035 of title 10. United States Code, in case of any member of uniformed service who is prisoner of war, missing in action, or in detained status during Vietnam conflict. Approved Feb. 26, 1970. 1 p. * Paper, 5c.
 201. H.R. 14789, act to amend title 8 of Foreign Service act of 1946, as amended, relating to Foreign Service retirement and disability system, and for other purposes. [Approved Feb. 28, 1970.] 4 p. * Paper, 5c.
 202. H.R. 12535, act to authorize Secretary of Army to release certain restrictions on tract of land heretofore conveyed to Texas in order that such land may be used for El Paso North-South Freeway. [Approved Mar. 4, 1970.] 2 p. * Paper, 5c.
 203. S.J. Res. 180, joint resolution to provide for temporary prohibition of strikes 5061

1970.] 2 p. * Paper, 5c.

203. S.J. Res. 180, joint resolution to provide for temporary prohibition of strikes or lockouts with respect to current railway labor-management dispute. Approved Mar. 4, 1970. 1 p. * Paper, 5c. 5062

ATOMIC ENERGY JOINT COMMITTEE Washington, DC 20515

Prelicensing antitrust review of nuclear powerplants, hearings, 91st Congress, 1st session.

pt. 1. Nov. 18-20, 1969. 1970. iv+315 p. * Paper, \$1.25. • Item 999 Y 4.At 7/2 5063 Y 4.At 7/2: An 8/pt.1

ECONOMIC JOINT COMMITTEE Washington, DC 20510

- Economic analysis and efficiency of Government, hearings before Subcom-5064 mittee on Economy in Government, 91st Congress, 1st session. • Item 1000 Y 4.Ec 7: Ec 7/23/pt. (nos.) L.C. card 72-605885 pt. 1. Aug. 12—Sept. 19 1969, 1970, iii+249 p. ii. *Paper, \$1.00, pt. 2. Sept. 22—24, 1969, 1970, iv+251—598 p. ii. *Paper, \$1.25. pt. 3. Sept. 25—Oct. 6, 1969, 1970, iv+599—887 p. ii. *Paper, \$1.25.
- Economic analysis and efficiency of Government, report of Subcommittee 5065 on Economy in Government together with supplementary views; Feb. 9, 1970. 1970. v+51 p. (Joint committee print, 91st Congress, 2d session.) * Paper, 30c. • Item 1000 L.C. card 76-606012 Y 4.Ec 7: Ec 7/22
- Economic polices and practices: Paper 12, Euro-dollar market and its 5066 public policy implications, materials prepared [by Ira O. Scott, jr., Arthur T. Roth School of Business Administration, Long Island University, Brookville, N.Y.]; Feb. 25, 1970. 1970. v+39 p. il. (Joint committee print, 91st Congress, 2d session.) * Paper, 20c. • Item 1000 Y 4.Ec 7: Ec 7/14/paper 12 L.C. card 65-60100

Foreign economic policy for 1970's, hearings before Subcommittee on foreign Economic Policy, 91st Congress, 1st session.

pt. 1. Survey of the issues, Dec. 2-4, 1969. 1970. iv+160 p. il. * Paper, 60c. L.C. card 78-606113 Y 4.Ec 7: F 76/3/970/pt.1 5067 ● Item 1016

> *For Sale by Superintendent of Documents †Distribution Made by Issuing Office ‡Official Use. Not Available

Page 18

HOUSE OF REPRESENTATIVES Washington, DC 20515

House documents

NOTE.—All House documents, entries for which are followed by a †, may be obtained from the House Document Room or from the issuing office.

House documents, 91st Congress.

- 180. Acid mine drainage in Appalachia, v. 2 [with bibliographies] message from President of United States transmitting report pursuant to sec. 309(b) of Appalachian regional development act; Oct. 15, 1969. 1969. [615] p. ii. 2 maps, 4° † (To be sent to depository libraries in Serial set 5068 binding.)
- binding.)
 L.C. card 77-606409

 193. 13th annual report of Surgeon General [Public Health Service], on health research facilities construction program, fiscal year 1968, message from President of United States; Nov. 17, 1969, 1969 [published 1970]. v+75 p. il. [Prepared in consultation with National Advisory Council on Health Research Facilities.] † Item 996

 201. 49th national report, Disabled American Veterans, 1969 [national convention, Miami, Fla., Aug. 25-29, 1969]. 1969, viii+279 p. 2 p. of por. † (To be sent to depository libraries in Serial set binding.)

 202. Arts and humanities, message from President of United States. Dec. 10, 1969, 3 p. † Item 996

 205. Budget and fiscal policy, communication from President of United States 5069
- 5070
- 5071
- 5072
- 5073
- (To be sent to depository interacts in Serial set United States. Dec. 10, 1969, 3 p. ↑

 1969, 3 p. ↑

 1969, 3 p. ↑

 1969, 3 p. ↑

 1969, 4 p. ↑

 1969, 2 p. ↑

 1969, 2 p. ↑

 1969, 2 p. ↑

 1969, 4 p. ↑

 1969, 4 p. ↑

 1969, 2 p. ↑

 1969, 2 p. ↑

 1969, 2 p. ↑

 1969, 4 p. ↑

 1969, 4 p. ↑

 1969, 5 p. ↑

 196 5074 211. Revere and Nantasket Beaches, Mass., lefter from chief of engineers, Army, submitting report; Jan. 13, 1970. 1970. xlii+79 p. il. 3 pl. 4° [Also issued in departmental edition and sent to depositories in that form. See Entry no. 5374.] †
 213. Examination of financial statements of Federal Prison Industries, Inc., fiscal year 1969; Jan. 19, 1970. 1970. iv+19 p. 4° † Item 996
 216. Departments of Labor, and Health, Education and Welfare appropriation act, 1970, message from President of United States returning without approval act (H.R. 13111). Jan. 27, 1970. 32 p. † Item 996
 221. Guide to student assistance: [prepared by] Committee on Education and Labor. 1970. v+129 p. *Paper, 60c. Item 996
 222. Reorganization plan no. 1 of 1970, message from President of United States; Feb. 9, 1970. 1970. [1]+4 p. † Item 996
 223. Examination of Federal Crop Insurance Corporation, fiscal year 1969 letter from Comptroller General, transmitting audit; Feb. 6, 1970. 1970. v+25 p. 4° † Item 996
 224. Examination of certain banks of Farm Credit system, fiscal year 1969, letter from Comptroller General, transmitting audit; Feb. 9, 1970. 1970. vi+38 p. 4° † Item 996
 225. Message on environment, message from President of United States outlining legislative prepages! and administration. 5075
- 5076
- 5077
- 5078
- 5079
- 5081
- 5082
- 5083
- 5084
- p. 4° † Item 996

 225. Message on environment, message from President of United States outlining legislative proposals and administrative actions taken to improve environmental quality. Feb. 10, 1970. 14 p. *Paper, 10c. Item 996

 227. 1969 Annual report of Postmaster General. Post Office Department [July 1, 1968-June 30, 1969]. [1970.] cover title, x+257 p. ii. *(Available in departmental edition, \$1.25 P 1.1:969, and sent to depositories in that form. See Entry no. 6118.)

 233. Annual report fiscal year 1969, Administrator of Veterans Affairs. [1970.] iv+75 p. ii. *(Available in departmental edition. 40c., VA 1.1:969, and sent to depositories in that form. See Entry no. 6275.)

 237. 83d annual report of Interstate Commerce Commission, fiscal year June 30, 1969 [with list of publications]. 1969, vii+162 p. ii. 2 pl. *(Available in departmental edition \$1.00, IC 1.1:969, and sent to depositories in that form. See Entry no. 5719.)

 251. Annual report of Tariff Commission, fiscal year 1969. 1970. vi+43 p. ([TC publication 301.]) *(Available in departmental edition, 30c., TC 1.1:969, and sent to depositories in that form. See Entry no. 6260.) 5085
- 5086
- 5087
- publication 301.]) *(Available in departmental edition, 30c., TC 1.1:969, and sent to depositories in that form. See Entry no. 6260.)

 252. Railroad Retirement Board, 1969 annual report for fiscal year. [1970.] vi+64 p. il. *(Available in departmental edition, 35c., RR 1.1:969, and sent to depositories in that form. See Entry no. 6140.)

 256. Marion, Kans., local protection plan, letter from chief of engineers, Army, submitting report; Jan. 26, 1970. 1970. xviii+98 p. il. 3 pl. 4° [Also issued in departmental edition and sent to depositories in that form. See 5088
- Entry no. 5370.) 258. U.S. Foreign policy for 1970's new strategy for peace, report to Congress, by Richard Nixon, President of United States, Feb. 18, 1970. [1970.] vii+180, p. il. *(Available in departmental edition, 75c., Pr 37.2: F 76, and sent to depository libraries in that form, See Entry no. 6129.) 5089

	House documents, 91st Congress—Continued
5090	260. Asian Development Bank, message from President of United States transmit-
5091	tion to special funds of Asian Development Bank, and for other purposes. Feb. 25, 1970. 5 p. † Item 996 263. Reduce budget outlay, Federal program, message from President of United States transmitting draft of proposed legislation to reduce budget outlays by restructuring or terminating certain outmoded or uneconomic Federal programs. Feb. 26, 1970. 23 p. † Item 996 265. Highway trust fund, 14th annual report communication from Secretary of Treasury transmitting financial condition and results of operations, June 30, 1969: Mar. 2, 1970. 1970. iii+9 p. † Item 996 266. National emergency labor disputes, message from the President transmitting recommendations and proposals to deal with national emergency labor disputes. Mar. 2, 1970. 7p. * Paper, 10c. Item 996 267. Education, message from President of United States on educational reform. Mar. 3, 1970. 12 p. * Paper, 10c. Item 996
5092	Federal programs. Feb. 26, 1970, 23 p. 7 Tell 390 265. Highway trust fund, 14th annual report communication from Secretary of Treasury transmitting financial condition and results of operations, Lyng 30, 1969; Mar. 2, 1970, 1970, iii+9 p. # Item 996
5093	266. National emergency labor disputes, message from the President transmitting recommendations and proposals to deal with national emergency labor disputes. Mar. 2, 1970, 7p. * Paper, 10c. • Item 996
5094	T. C. agrat 77-606303
5095	268. Legislation relating to railroad strike, message from the President urging enactment relating to Nation-wide rail strike. Mar. 3, 1970. 2 p. 7 • Item 996
	House reports
	Note.—For titles of bills which these reports accompany, see Congressional record index.
	House reports on private bills, 91st Congress. † House Document Room, Capitol. ● Item 1008-B
5096	888. Barbara Rogerson Marmor. Report from Committee on Judiciary to accompany S, 533. Mar. 11, 1970. 6 p.
5097	889. Franz Charles Feldmeier. Report from Committee on Judiciary to accompany
5098	890 Coral S. Villaruel. Report from Committee on Judiciary to accompany
5099	
5100	891. Michel M. Goutmann. Report from Committee on Judiciary to accompany S. 1934, Mar. 11, 1970. 4 p. 892. Wu Hip. Report from Committee on Judiciary to accompany S. 1963. Mar. 11, 1970. 8 p.
5101	894. Jose Luis Calleia-Perez. Report from Committee on Judiciary to accompany
5102	H.R. 1747. Mar. 11, 1970. 13 p. 895. Gloria Jara Haase. Report from Committee on Judiciary to accompany H.R. 12959. Mar. 11, 1970. 11 p.
	House reports on public bills, 91st Congress. † House Document Room, Capitol. ● Item 1008-A
5103	482. Consideration of H.R. 13300 Report from Committee on Rules to accompany
5104	H, Res. 535. Sept. 9, 1969. 1 p. 709. State and Justice Departments appropriations for 1970. Conference report
5105	to accompany H.R. 12964. Dec. 8. 1969. 8 p. 785. Authorizing appropriation of additional funds for acquisition of land at Point Reyes National Seashore in California. Report together with minority views from Committee on Interior and Insular Affairs to accompany
5106	785. Authorizing appropriation of additional filinds for addition of the Point Reyes National Seashore in California, Report together with minority views from Committee on Interior and Insular Affairs to accompany H.R. 3786. Dec. 22, 1969, 19 p. (Not sent to depository libraries.) 789. Authorizing Secretary of Interior to sell reserved phosphate interests of United States in certain lands in Florida to record owners of surface
5107	thereof. Report from Committee on Interior and Insular Affairs to accompany H.R. 9882 Jan. 19. 1970. 4 p. 790. Extending for 3 years period of time during which certain requirements shall continue to apply with respect to applications for license for an activity which may affect resources of Hudson Riverway, and for other purposes. Report from Committee on Interior and Insular Affairs to accompany H.R. 13106. Jan. 19. 1970. 5 p. 794. Authorizing payment of compensation for certain committee employees. Report from Committee on House Administration to accompany H. Res.
	purposes. Report from Committee on Interior and Insular Affairs to ac-
5108	
5109	765. Jan. 20, 1970 1 p. 799. Increasing criminal penalties under Sherman antitrust act. Report from
5110	799. Increasing criminal penalties under Sherhan antitude act. Report from Committee on Judiciary to accompany H.R. 14116. Jan. 27, 1970. 6 p. 803. Preharvest research. Report from Committee on Agriculture to accompany H.R. 14810. Jan. 27, 1970. 9 p.
5111	June 3-8, 1969. Ottawa. Canada, by Cornelius E. Gallagher, Chairman, of House of Representatives delegation pursuant to Public Law 42, 86th
5112	Congress; Jan. 28, 1970, 1970, vii + 6 p. L.C. card 61-61195 L.D. vii + 6 p. L.D. card 61-61195 Ab evaluation policy act of 1970. Report from Committee on Post Office
	823. Job evaluation policy act of 1970. Report from Committee on Post Office and Civil Service to accompany H.R. 13008. Feb. 3, 1970. 9 p. 824. Consideration of H.R. 14810. Report from Committee on Rules to accompany
5113	H. Res. 816, Feb. 3, 1970. 1 p.

*For Sale by Superintendent of Documents

- 5114
- 5115
- 826. Consideration of H.R. 3786. Report from Committee on Rules to accompany H Res. 818. Feb. 3, 1970. 1 p.
 828. Prescribing health care cost-sharing arrangements for certain surviving dependents and for other purposes. Report from Committee on Armed Services to accompany H.R. 8413. Feb. 4, 1970. 11 p.
 831. Amending titles 5, 10, and 32, United States Code, to authorize waiver of claims of United States arising out of certain erroneous payments, and for other purposes. Report from Committee on Judiciary to accompany H.R. 13582. Feb. 5, 1970. 24 p.
 832. Problems facing tool and die industry, Report of subcommittee no. 5 to Select Committee on Small Business pursuant to H. Res. 66; Feb. 9, 1970. 1970. ix+18 p.
- 5117
- 5118
- Select Committee on Small Business pursuant to H. Res. 66; Feb. 9, 1970. 1970. ix+18 p.
 L.C. card 76-606280
 833. Hood River County, Oreg. Report from Committee on Judiciary to accompany H.R. 914. Feb. 9, 1970. 9 p.
 834. Amending act of Apr. 29, 1941, to authorize waiving of requirement of performance and payment bonds in connection with certain contracts entered into by Secretary of Commerce. Report from Committee on Judiciary to to accompany H.R. 10068. Feb. 9, 1970. 22 p.
 L.C. card 77-606354
 835. Providing for grade of lieutenant general for officer serving as Chief of National Guard Bureau. Report from Committee on Armed Services to accompany H.R. 15143. Feb. 9, 1970. 10 p.
 836. Authorizing recomputation of military retired pay under certain circumstances. Report from Committee on Armed Services to accompany H.R. 15142. Feb. 9, 1970. 7 p.
 837. "To save succeeding generations . .". Report [from Committee on Foreign Affairs, pursuant to H. Res. 143]; Feb. 10, 1970. vii+36 p.
 L.C. card 70-606281 5119
- 5120
- 5121
- 5122
- L.C. card 70-606281 5123
- L.C. card 70-606281
 838. Authorizing extension of certain naval vessel loan now in existence and new loans, and for other purposes. Report from Committee on Armed Services to accompany H.R. 15728. Feb. 10, 1970. 9 p.
 839. Amending title 18 of United States code to prohibit certain uses of likenesses of Great Seal of United States, and of seals of the President and Vice President. Report from Committee on Judiciary to accompany H.R. 14645. 5124
- Feb. 10, 1970. 6 p.

 841. National Credit Union Administration. Conference report to accompany H.R.

 2. Feb. 18, 1970. 6 p. 5125
- Ret. 15, 1970. 6 p.
 Affirming computation of overseas cost of living allowances for uniformed services personnel. Report from Committee on Armed Services to accompany H.R. 14322. Feb. 19, 1970. 11 p.
 Dwight D. Eisenhower National Memorial Arena and Convention Center Study. Report from Committee on District of Columbia to accompany H.R. 10937. Feb. 20, 1970. 7 p. 5126
- 5127
- 844. Adoption proceedings. Report from Committee on District of Columbia to accompany H.R. 13307. Feb. 20, 1970. 7 p. 5128
- 845. Procedure for return and cancellation of class A liquor licenses, Report from Committee on District of Columbia to accompany H.R. 14608. Feb. 20. 5129
- 1970.8 p. 846. Tax exemption for International Telecommunications Satellite Consortium.

 Report from Committee on District of Columbia to accompany H.R. 14982.

 Feb. 20, 1970. 7 p. 5130
- 847. Taxation by District of Columbia of regulated investment companies. Report from Committee on District of Columbia to accompany H.R. 15381. Feb. 20, 5131 1970.5 p.
- 848. Chanceries. Report from Committee on District of Columbia to accompany 5132
- 848. Chanceries. Report from Committee on District of Columbia to accompany H.R. 8656. Feb. 20, 1970. 7 p.
 L.C. card 73-606353
 849. District of Columbia teachers' retirement amendments of 1970. Report from Committee on District of Columbia to accompany H.R. 15980. Feb. 20, 1970. 21 p.
 L.C. card 71-606287 5133
- 850. Investigation and study of Departent of Corrections of District of Columbia. 5134 Report of Committee on District of Columbia, 91st Congress, 2d session, pursuant to Legislative reorganization act of 1946; Feb. 23, 1970. 1970. v + 30 p.
- L.C. card 78-606286 5135 851. Excluding executive officers and managerial personnel of Western Hemisphere businesses from numerical limitation of Western Hemisphere immigration. Report from Committee on Judiciary to accompany S. 2593. Feb. 24, 1970.
- 15 p. 852. 1970 census logistics, [report of] Subcomittee on Census and Statistics. [Re-5136
- port from Committee on Post Office and Civil Service; Feb. 25, 1970. 1970. v+21+[2] p. il.

 853. Health services for domestic agricultural migrants. Conference report to accompany H.R. 14733. Feb. 25, 1970. 4 p. 5137
- 854. Medical Library assistance extension act of 1970. Conference report to ac-5138
- company H.R. 11702. Feb. 25, 1970. 9 p. 5139 855. Public health training. Conference report to accompany S. 2809. Feb. 25, 1970. 4 p.

House reports on public bills, 91st Congress-Continued

859. Assessment of space communications technology. Report of Subcommittee on Space Science and Applications of Committee on Science and Astronautics, 91st Congress, 1st session. 1970. vii+33 p. 5140

oderal courts and judges. Report with additional views from Committee on Judiciary to accompany S. 952. Mar. 10, 1970, 227 p. L.C. card 71-606429 5141

Appropriations Committee, House Washington, DC 20515

Departments of Labor and Health, Education, and Welfare appropriations for 1970, hearings before subcommittee, 91st Congress, 2d session. pt. 9. Proposed new bill for 1970. 1970. ii+36+iii p. † • Item 1011 L.C. card 79-602046 Y 4.Ap 6/1: L 11/970/pt.9 5142

Armed Services Committee, House Washington, DC 20515

[Papers], 91st Conress. Y 4.Ar 5/2a : 969-70/(nos.)+ • Item 1012

Note.—These papers consist largely of hearings. They are paged continuously for binding at the end of session of Congress under title "Hearings before Committee on Armed Services of the House of Representatives on sundry legislation affecting the naval and military establishments." Title page, contents, and index are issued for each volume.

5143

5144

re Issued for each volume.

41. Air defense of southeastern United States, report by Subcommittee on Air Defense of Southeastern United States, 91st Congress, 2d session; Feb. 22, 1970. 1970. ii+5689-98 p.

L.C. card 70-606178

42. Report by subcommittee following visit to Spain, Italy, Libya, Turkey, and Iran, Jan 2-17, 1970, on military and political problems; Feb. 21, 1970. 1970. iii+5699-5713 p.

L.C. card 76-606177

43. Inquiry into reported conditions in brig, Marine Corps Base, Camp Pendleton, Calif., report of Special Subcommittee to Probe Disturbances on Military Bases, 91st Congress, 2d session, Feb. 25, 1970. 1970. v+5715-26 p.

L.C. card 74-606104

45. Hearings on various stockpile commodities before subcommittee no. 1, 91st 5145

45. Hearings on various stockpile commodities before subcommittee no. 1, 91st Congress, 2d session, Feb. 18 and 19, 1970 1970. ii+5753-5834 p. L.C. card 71-606114 5146

46. Full committee consideration of H.R. 11794, to authorize extension of certain naval vessel loans now in existence and new loans, and for other purposes. Feb. 3, 1970. p. 5835-62. 5147

35th report to Congress (July 1-Dec. 31, 1969) of Department of Defense 5148 in accordance with sec. 2455, title 10, U.S.C. (formerly sec. 8 of Public law 426, 82d Congress), on Defense cataloging and standardization act of 1952, report of Armed Services Investigating Subcommittee, 91st Congress, 2d session; Feb. 20, 1970. 1970. iii+15 p. (Committee print.) Y 4.Ar 5/2: D 36/2/969-2 L.C. card 53-60980

Banking and Currency Committee, House Washington, DC 20515

Financing of inner-city housing, hearings before Ad Hoc Subcommittee on Home Financing Practices and Procedures, 91st Congress, 1st session, on financing of inner-city housing.

pt. 1. June 2-9, 1969, 1969 [published 1970]. iv+332 p. 1 tab † • Item 1013 L.C. card 73-606160 Y 4.B 22/1: H 81/49/pt.1 5149

Crime, Select Committee on, House Washington, DC 20515

NOTE—The Select Committee on Crime was established as a select committee of the House of Representatives by H. Res. 17, of the 91st Congress, 1st session, which was considered and agreed to Jan. 3, 1969.

Crime in America: Aspects of organized crime, court delay, and juvenile 5150 justice, hearings, 91st Congress, 1st session, pursuant to H. Res. 17, Dec. 4-8, 1969. 1970. vi+496 p. il. [Hearings held in Miami, Fla.] • Item 1009

L.C. card 78-606164

Y 4.C 86/3: C 86/6

*For Sale by Superintendent of Documents †Distribution Made by Issuing Office ‡Official Use. Not Available

- 5151 Illicit and dangerous drugs, hearings, 91st Congress, 1st session, pursuant to H. Res. 17, Oct. 23–27, 1969. 1969. v+509 p. il. [Hearings held in San Francisco, Calif.] † Item 1009

 L.C. card 76–605800 Y 4.C 86/3: C 86/2
- 5152 Why 8 billion amphetamines? hearings, 91st Congress, 1st session, pursuant to H. Res. 17, Nov. 18, 1969. 1970. iii+45 p. ↑ Item 1009 L.C. card 75-605891 Y 4.C 86/3: C 86/5

District of Columbia Committee, House Washington, DC 20515

- 5153 Department of Corrections, hearings before Special Select Subcommittee,
 91st Congress, 1st session, on H.R. 11956, Dec. 3, 1969–Jan. 30, 1970. 1970.
 vi+583 p. il. † Item 1014
 L.C. card 79–606061 Y 4.D 63/1: C 81/4
- 5154 Eisenhower National Memorial Arena, hearings before Subcommittee no. 4,
 91st Congress, 1st session, on H.R. 10937, Nov. 18 and 19, 1969. 1970.
 v+105 p. 4 pl. ↑ Item 1014
 L.C. card 73-605888
 Y 4.D 63/1: Ei 8

Education and Labor Committee, House Washington, DC 20515

- Drug abuse, hearings before Select Subcommittee on Education, 91st Congress, 1st session, on H.R. 9312, and similar bills.
- pt. 2. Aug 20-Sept. 19, 1969. 1970. vi+551-1102 p. il. [Hearings held in Los Angeles, Calif., Seattle, Wash., Washington, D.C., South Bend, Ind., and Warsaw, Ind.] ↑ Item 1015

 L.C. card 79-605876

 Y 4.Ed 8/1: D 84/pt.2
 - Needs of elementary and secondary education for the seventies, hearings before General Subcommittee on Education, 91st Congress, 1st session, on H.R. 517 [and other bills]. † Item 1015
 L.C. card 70-606100 Y 4.Ed 8/1: Ed 8/35/pt. (nos.)
- 5156 pt. 1. Oct. 2-Nov. 12, 1969, 1970. v + 604 p. il. pt. 2. Nov. 13-Dec. 18, 1969, 1970. iv + 605-1130 p. il.
 - Occupational safety and health act of 1969, hearings before Select Committee on Labor, 91st Congress, 1st session, on H.R. 843, H.R. 3809, H.R. 4294, H.R. 13373. † Item 1015
 L.C. card 72-606062 Y 4.Ed 8/1: Sa 1/6/969/pt. (nos.)
- 5157 pt. 1. Sept. 24-Oct. 29, 1969. 1970. v+800 p. il. pt. 2. Oct. 30-Nov. 22, 1969 1970. ix+801-1594 p. il. [Hearings held in Washington, D.C., and San Francisco, Calif. Includes Appendix.]

Foreign Affairs Committee, House Washington, DC 20515

- 5158 To amend Foreign military sales act, hearings, 91st Congress, 2d session, on H.R. 15628, Feb. 5, 17, 1970. 1970. iii+75 p. ↑ Item 1017
 L.C. card 79-606167 Y 4.F 76/1: M 59/3/970
- U.S. participation in 1972 United Nations Conference On Human Environment, hearing before Subcommittee on International Organizations and Movements, 91st Congress, 1st session, on H. Res. 523 and H. Res. 562, Nov. 13, 1969. 1970. iii+13 p. † Item 1017
 L.C. card 77-606110
 Y 4.F 76/1: H 88

Government Operations Committee, House Washington, DC 20515

- Efficiency and effectiveness of Renegotiation Board operations, hearing before subcommittee, 91st Congress, 1st session.
- 5160 pt. 1. Testimony of H. G. Rickover. 1970. iv+112 p. * Paper, 50c. Item 1016 L.C. card 77-606102 Y 4.G 74/7: R 29/7/pt.1

 ◆For Sale by Clearinghouse, U.S. Department of Commerce, Springfield, Va. 22151
 ◆Sent to Depository Libraries

Interior and Insular Affairs Committee, House Washington, DC 20515

[Committee hearings] serial, 91st Congress. † • Item 1023 Y 4.In 8/14:91-(nos.)

- Alaska native land claims, pt. 2, hearings before Subcommittee on Indian Affairs, 91st Congress 1st session, on H.R. 13142, H.R. 10193, and H.R. 14212, Oct. 17, 18, 1969. 1970. vi+365-696 p. il. 2 maps. [Hearings held in Fairbanks and Anchorage, Alaska.] 5161
- L.C. card 76-603873 National historic preservation act amendments, hearing before Subcommittee on National Parks and Recreation, 91st Congress, 2d session, on H.R. 14896, Jan. 29, 1970. 1970. iv+85 p. 5162 L.C. card 79-606297

Internal Security Committee, House Washington, DC 20515

Note.-The name of the Un-American Activities Committee has been changed to the Internal Security Committee.

Investigation of Students for a Democratic Society, hearings, 91st Congress, 1st session.

5163

Interstate and Foreign Commerce Committee, House Washington, DC 20515

[Committee hearings] serial, 91st Congress. † • Item 1019 Y 4.In 8/4: 91-(nos.)

- PHS commissioned officers retirement equalization, hearing before Subcommittee on Public Health and Welfare, 91st Congress, 2d sesson, on H.R. 10138, H.R. 14948, and S. 2452, Jan. 28, 1970. 1970. iii + 14 p.
 L.C. card 72-606070 5164
- 39. Subsidized transportation for HEW employees, hearing before Subcommittee on Public Health and Welfare, 91st Congress, 2d session, on H.R. 14385 and H.R. 14393, Jan. 27, 1970. 1970. iii+30 p.
 L.C. card 74-606076 5165
- 40. U.S.A. travel promotion, hearings before Subcommittee on Commerce and Finance, 91st Congress, 1st and 2d session, on H.R. 10850, H.R. 12646, H.B. 14685, and H.R. 14714, Nov. 5-Feb. 19, 1970. 1970. v+128 p. il. L.C. card 78-606169 K166

Judiciary Committee, House Washington, DC 20515

[Committee hearings] serial, 91st Congress.

- 11. Commission on Marihuana, hearings before subcommittee no. 3, 91st Congress, 1st session, on H.R. 10019 [and other bills] Oct. 15 and 16, 1969. 1970. iv+125 p. † Item 1020
 L.C. card 78-606077 Y 4.J 89/1: 91-11 5167
- District of Columbia code, 1967 edition, supp. 3, Laws, Jan. 10, 1967-5168 Jan. 18, 1970, notes to decisions, Jan. 1, 1967—Dec. 31, 1969 [titles 1-49, tables and index]. 1970. xv+[1]+670 p. 4° * Paper, \$5.75. • Item 990 L.C. card 67-61869 Y 4.J 89/1: D 63/24/967/supp.3

Merchant Marine and Fisheries Committee, House Washington, DC 20515

[Committee hearings] serial, 91st Congress. † • Item 1021 Y 4.M 53:91-(nos.)

- Towboat crew licensing, hearings before Subcommittee on Coast Guard, Coast and Geodetic Survey, and Navigation, 91st Congress, 1st session, on H.R. 18987, H.R. 14186, Oct. 8-Nov. 13, 1969, 1970. vi + 271 p. L.C. card 76-605878 5169
- 18. Migratory waterfowl regulations, 1969-70, hearing before Subcommittee on Fisheries and Wildlife Conservation, 91st Congress, 1st session, on wild-life conservation as related to migratory waterfowl regulations, Aug. 11, 1969, 1970, iv+146 p. il.

 L.C. card 70-606072 5170

*For Sale by Superintendent of Documents †Distribution Made by Issuing Office ‡Official Use. Not Available

 GAA ship utilization, hearings before Subcommittee on Merchant Marine, 91st Congress, 1st session, on H.R. 14257, Oct. 15-Nov. 5, 1969. 1970. 5171

5172

aritime authorization, 1971, executive hearing before Subcommittee on Merchant Marine, 91st Congress, 2d session, on H.R. 15945, Feb. 24, 1970. 1970. iii+26 p. L.C. card 72-606168 22. Maritime authorization, 5173

Public Works Committee, House Washington, DC 20515

[Committee publications], 91st Congress.

21. Darien Gan Highway, hearing before Subcommittee on Roads, 91st Congress, 1st session, on H.R. 12014 and H.R. 14903, Dec. 10, 1969. 1970. iii+54 p. ii. † 6 Item 1024 L.C. card 70-606103 5174

25. Ohio storm damage inspection, hearings before Subcommittee on Flood Control, 91st Congress, 1st session, July 17-19, 1969. 1970. v+298 p. il. [Hearings held in Port Clinton, Sandusky, Cleveland, and Wooster, Ohio.] † 5175 Item 1024 L.C. card 72-606109

26. Watershed development plans, 1969, hearings before Subcommittee on Watershed Development, 91st Congress, 1st session, Aug. 7 and Dec. 10, 1969. 1970. iv+60 p. ↑ ■ Item 1024 5176

sned Development, 91st Congress, 1st session, Aug. 7 and Dec. 10, 1969. 1970. iv+60 p. † Item 1024
L.C. card 71-606078
27. 1970 national highway needs report, prepared in response to sec. 3, Public Law 89-139, and sec. 17, Public Law 90-495, by Department of Transportation, Federal Highway Administration, Bureau of Public Roads, Dec. 1969; Feb. 1970. 1970. vii+38 p. 11. (Committee print, 91st Congress, 2d session.) * Paper, 25c.
L.C. card 76-601643 5177

Rules Committee, House Washington, DC 20515

5178 Labor-HEW appropriations, hearing, 91st Congress, 2d session, on H.R. 15931, Feb. 17, 1970. 1970. iii+54 p. † ● Item 1025 Y 4.R 86/1: L 11 L.C. card 75-606288

Legislative reorganization act of 1970, hearing before Special Subcommit-5179 tee on Legislative Reorganization, 91st Congress, 1st session, Oct. 23-Dec. 5, 1969, 1970, v+453 p. † • Item 1025 Y 4.R 86/1: L 52/2 L.C. card 76-606300

Science and Astronautics Committee, House Washington, DC 20515

[Papers], 91st Congress, 1st session. † • Item 1025-A

Y 4.Sci 2: 91-(nos.)

12. Assessment of space communications technology, hearings before Subcommittee on Space Science and Applications, 91st Congress, 1st session, Dec. 16-19, 1969, 1970, iii+249 p. il. 3 pl.

L.C. card 70-605887 5180

 Technology assessment, hearings before Subcommittee on Science, Research, and Development, 91st Congress, 1st session, Nov. 18-Dec. 12, 1969. 1970. iv +501 p. fl. 1 pl.
L.C. card 70-606075
 Aeronautical research, hearings before Subcommittee on Advanced Research and Technology, 91st Congress, 1st session, Dec. 1-11, 1969. 1970. tit 4400 p. fl. 5181

5182 and Technology, 91 111+400 p. il. L.C. card 73-606065

PRINTING JOINT COMMITTEE Washington, DC 20510

5183 [Government paper specification standards no. 6], Change. Mar. 1, 1970. [13] leaves, 4° [Issued in looseleaf form.] * Paper, \$2.00 (including supplementary material for an indefinite period); 50c. additional for Y 4.P 93/1: 7/6/ch.-4 foreign mailing. • Item 1004-B

> ΦFor Sale by Clearinghouse, U.S. Department of Commerce, Springfield, Va. 22151 Sent to Depository Libraries

SENATE Washington, DC 20510

5184 Telephone directory, Senate, winter 1970. [1970.] cover title, 123 p. 4° [Text on p. 2 and 3 of cover.] * Paper, \$2.25. Y 1.3: T 23/970

Senate documents

NOTE.—All Senate documents, entries for which are followed by a †, may be obtained from the Senate Document Room or from the issuing office. Senate documents, 91st Congress.

- 39. 70th report of National Society of Daughters of American Revolution, Mar. 1, 1966-Mar. 1, 1967, 1970, viii+111 p. il. pl. † (To be sent to depository libraries in Serial set binding.) 5185 L C. card 8-36850
- 5186
- 5187
- 5188
- L C. card 8-36850

 43. Proposed amendments to 1970 budget for Export-Import Bank, fiscal year 1970; Nov. 24, 1969, [1969.] 2 p. † Item 996

 46. Proposed supplemental appropriation for Treasury Department, fiscal year 1970; Dec. 12, 1969, [1969.] 3 p. † Item 996

 48. Proposed supplemental appropriation to pay claims and judgments against United States; Dec. 12, 1969. 1969. 7 p. † Item 996

 53. Majority and minority leaders of Senate, history and development of offices of floor leaders, prepared by Floyd M. Riddick; Jan. 28, 1970. 1970. iii+19 p. * Paper, 15c. Item 996

 L.C. card 74-606636

 55. Report of Secretary of Senate from July 1-Dec. 31, 1969; Feb. 25, 1970. 1970. iv+443 p. † (To be sent to depository libraries in Serial set binding.) 5189
- 5190 binding.)
- Semiannual report of Architect of Capitol, July 1-Dec. 31, 1969, pursuant to sec. 105(b), Public law 454, 88th Congress; Feb. 27, 1970. 1970. iii+131p. † Item 996 5191

Senate executive documents

Senate executive documents, 91st Congress, 2d session. ‡ Y 1.91/2:(letters)

- A. Agreement with Canada on operation of radiotelephone stations, message from President of United States transmitting agreement between Government of United States and Government of Canada relating to operation of radiotelephone stations, signed Ottawa Nov. 19, 1968; Jan. 27, 1970. 1970. vi+2 p.
 B. Renewal of request for consent to ratification of international Convention on Prevention and Punishment of Crime of Genocide (Ex. O, 81st Cong., radiotelephone stations, signed Ottawa Nov. 19, 1969; Jan. 27, 1970. 1970. 5192
- 5193 v1+4 p.

Senate executive reports

[Senate executive report], 91st Congress, 2d session.

14. Nomination of George Harrold Carswell. Report together with individual views from Committee on Judiciary to accompany nomination of George 5194 Harrold Carswell. Feb. 27, 1970. 38 p. L.C. card 70-606442 Y 1.91/2: rp.14

Senate reports

NOTE.—For titles of bills which these reports accompany, see Congressional record index.

Senate reports on public bills, 91st Congress. † Senate Document Room, Capitol. • Item 1008-A

- 5195
- 635. Continuation of legislative functions. Report from Committee on Post Office and Civil Service to accompany S. Res. 317. Jan. 22, 1970. 1 p.
 636. 19th annual report of activities of Joint Committee on Defense Production, with material on mobilization from departments and agencies; Jan. 27, 1970. 1970. xv+539 p. il. 3 tab. (To be sent to depository libraries in Serial set binding.)
 L.C. card 51-61652
 637. Toward promotion through paid advertising Report from Committee on 5196
- 5197
- 5198
- L.C. card 51-61602
 637. Tomato promotion through paid advertising. Report from Committee on Agriculture and Forestry to accompany S. 1862. Jan. 27, 1970. 3 p.
 639. Egg products inspection act. Report from Committee on Agriculture and Forestry to accompany S. 2116. Jan. 28, 1970. 15 p.
 640. Joint labor-management trust funds for promotion of products. Report together with individual views from Committee on Labor and Public Wel-5199 fare to accompany S. 1369. Jan. 28, 1970. 8 p.

*For Sale by Superintendent of Documents †Distribution Made by Issuing Office ‡Official Use. Not Available

- 641. School lunch and child nutrition amendments. Report together with individual views from Committee on Agriculture and Forestry to accompany S. 2548. Jan. 29, 1970. 45 p.
 L.C. card 78-606026
 642. Authorizing additional expenditures by Committee on Banking and Currency for inquiries and investigations. Report from Committee on Banking and Currency to accompany S. Res. 329. Jan. 29, 1970. 2 p.
 644. Liabilities of Federal National Mortgage Association to United States. Report from Committee on Banking and Currency to accompany S. 3207. Jan. 20, 1970. 4 p.
 645. Interstate compact on air pollution between Ohio and West Virginia. Report from Committee on Judiciary to accompany S. 2707. Jan. 30, 1970. 12 p.
 L.C. card 77-606283
 650. Amending Railroad retirement act of 1937 and Railroad retirement tax act. 5200
- 5201
- 5202
- 5203
- 5204
- from Committee on Judiciary to accompany S. 2101. Jan. 50, 1815. 12 p.
 L.C. card 77-606283
 650. Amending Railroad retirement act of 1937 and Railroad retirement tax act.
 Report together with supplemental and minority views from Committee
 on Labor and Public Welfare to accompany H.R. 13300. Feb. 3, 1970. 21 p.
 L.C. card 73-606282
 651. Operation of art. 7, NATO status of forces treaty. Report of Committee on
 Armed Services, Senate, made by its Subcommittee on operation of
 art. 7 of NATO status of forces agreement, to review for period Dec. 1,
 1967-Nov. 30, 1988, operation of art. 7 of agreement between parties
 to North Atlantic Treaty, together with other criminal jurisdictional
 arrangements throughout world; Feb. 3, 1970. 1970. iii+14 p. ii.
 L.C. card 56-61872 5205 L.C. card 56-61872
- 5206
- 5207
- L.C. card 56-61872

 Naming Federal office building and U.S. courthouse and Federal office building in Chicago, Ill., in honor of the late Everett McKinley Dirksen. Report from Committee on Public Works to accompany S. 3253. Feb. 3, 1970. 4 p. 654. Donation of dairy products. Report from Committee on Agriculture and Forestry to accompany S. 2595. Feb. 4, 1970. 5 p. 655. Authorizing printing of compilation of hearings, reports, and committee prints of Senate Subcommittee on National Security Operations entitled Planning-programing-budgeting. Report from Committee on Rules and Administration to accompany S. Con. Res. 52. Feb. 4, 1970. 2 p.
- Administration to accompany S. Con. Res. 52. Feb. 4, 1970. 2 p.
 660. Waiving \$10,000 limit on savings deposit program for members of uniformed services who are in prisoner of war, missing in action, or in detained status during Vietnam conflict. Report from Committee on Armed Services to accompany H.R. 9485. Feb. 6, 1970. 5 p.
 666. Authorizing additional expenditures by Committee on Armed Services for inquiries and investigations. Report from Committee on Rules and Administration to accompany S. Res. 331. Feb. 9, 1970. 4 p.
 667. Authorizing additional expenditures by Committee on Commorae for in 5209
- 5210
- ministration to accompany S. Kes. 331. Feb. 9, 1970. 4 p.
 667. Authorizing additional expenditures by Committee on Commerce for inquiries and investigations Report from Committee on Rules and Administration to accompany S. Res. 324. Feb. 9, 1970. 31 p.
 668. Authorizing additional expenditures by Committee on District of Columbia
 for inquiries and investigations. Report from Committee on Rules and
 Administration to accompany S. Res. 325. Feb. 9, 1970. 4 p. 5211
- 5212
- 669. Authorizing additional expenditures by Committee on Government Operations for study of executive reorganizations and Government research. 5213 Report from Committee on Rules and Administration to accompany S. Res. 320. Feb. 9, 1970. 6 p.
- 5214
- 320. Feb. 9, 1970. 6 p.
 670. Authorizing additional expenditures by Committee on Government Operations for study of intergovernmental relationships between United States and States and municipalities. Report from Committee on Rules and Administration to accompany S. Res. 310. Feb. 9, 1970. 7 p.
 671. Authorizing additional expenditures by Committee on Government Operations for study of certain aspects of national security and international operations. Report from Committee on Rules and Administration to accompany S. Res. 311. Feb. 9, 1970. 4 p.
 672. Arthorizing additional expenditures by Committee on Labor and Public 5215
- 672. Authorizing additional expenditures by Committee on Labor and Public Welfare for inquiries and investigations, Report from Committee on Rules and Administration to accompany S. Res. 312. Feb. 9, 1970. 4 p. 673. Authorizing additional expenditures by Committee on Interior and Insular 5216
- 5217 Affairs for inquiries and investigations, Report from Committee on Rules and Administration to accompany S. Res. 309. Feb. 9, 1970. 3 p.
- 674. Authorizing additional expenditures by Committee on Judiciary for study 5218 of administrative practice and procedure. Report from Committee on Rules and Administration to accompany S. Res. 333. Feb. 9, 1970. 9 p.
- 675. Authorizing additional expenditures by Committee on Judiciary for investigations of antitrust and monopoly laws. Report from Committee on 5219
- Rules and Administration to accompany S. Res. 334. Feb. 9, 1970. 7 p.
 676. Authorizing additional expenditures by Committee on Judiciary for study of matters pertaining to constitutional amendments. Report from Committee on Rules and Administration to accompany S. Res. 335. Feb. 9, 5220 1970. 4 p.
- 677. Authorizing additional expenditures by Committee on Judiciary for study 5221 of matters pertaining to constitutional rights. Report from Committee on
- Rules and Administration to accompany S. Res. 336. Feb. 9, 1970. 7 p. 678. Authorizing additional expenditures by Committee on Judiciary for investi-5222 gation of criminal laws and procedures. Report from Committee on Rules and Administration to accompany S. Res. 337. Feb. 9, 1970. 5 p.

	Senate reports on public bills, 91st Congress—Continued
5223	679. Authorizing additional expenditures by Committee on Judiciary for consideration of matters pertaining to Federal charters, holidays, and celebrations. Report from Committee on Rules and Administration to accompany
5224	S. Res. 338. Feb. 9, 1970. 3 p. 680. Authorizing additional expenditures by Committee on Judiciary for study of matters pertaining to immigration and naturalization. Report from Committee on Rules and Administration to accompany S. Res. 339. Feb. 9.
KOOK	1970, 7 p.
5225	681. Authorizing additional expenditures by Committee on Judiciary for study and examination of Federal judicial system. Report from Committee on Rules and Administration to accompany S. Res. 340. Feb. 9, 1970. 5 p.
5226	and examination of Federal judicial system. Report from Committee on Rules and Administration to accompany S. Res. 340. Feb. 9, 1970. 5 p. 682. Authorizing additional expenditures by Committee on Judiciary for investigation of administration, operation, and enforcement of Internal security act. Report from Committee on Rules and Administration to accompany S. Res. 341. Feb. 9, 1970. 4 p.
5227	683. Authorizing additional expenditures by Committee on Judiciary for investigation of juvenile delinquency in United States. Report from Committee on Rules and Administration to accompany S. Res. 342. Feb. 9, 1970. 6 p.
5228	684. Authorizing additional expenditures by Committee on Judiciary for examination and review of statutes relating to patents, trademarks, and copyrights. Report from Committee on Rules and Administration to accompany S. Res. 343, Feb. 9, 1970. 4 p.
5229	685. Authorizing additional expenditures by Committee on Judiciary for investigation on national penitentiaries. Report from Committee on Rules and
5230	Administration to accompany S. Res. 344. Feb. 9, 1970. 3 p. 686. Authorizing additional expenditures by Committee on Judiciary for study of problems created by flow of refugees and escapees. Report from Com- mittee or Rules and Administration to accompany S. Res. 345. Feb. 9, 1970. 4 p.
5231	687. Authorizing additional expenditures by Committee on Judiciary for study of matters pertaining to revision and codification of Statutes of United States. Report from Committee on Rules and Administration to accompany S. Res. 346. Feb. 9, 1970. 4 p.
5232	688. Authorizing additional expenditures by Committee on Judiciary for study of constitutional separation of powers. Report from Committee on Rules and Administration to accompany S. Res. 347. Feb. 9, 1970. 4 p.
5233	689. Authorizing additional expenditures by Select Committee on Small Business. Report from Committee on Rules and Administration to accompany S. Res. 322. Feb. 9, 1970. 5 p.
5234	690. Authorizing additional expenditures by Committee on Public Works for inquiries and investigations, Report from Committee on Rules and Administration to accompany S. Res. 326. Feb. 9, 1970. 5 p
5235	691. Authorizing additional expenditures by Committee on Government Operations for investigations into efficiency and economy of operations of all branches of Government. Report from Committee on Rules and Administration to accompany S. Res. 308. Feb. 9, 1970. 11 p.
5236	692. Continuing, and authorizing additional expenditures by, Special Committee on Aging. Report from Committee on Rules and Administration to accompany S. Res. 316. Feb. 9, 1970. 18 p.
5237	693. Authorizing additional expenditures by Committee on Post Office and Civil Service for inquiries and investigations. Report from Committee on Rules and Administration to accompany S. Res. 317. Feb. 9, 1970. 5 p.
52 38	694. Authorizing additional expenditures by Committee on Foreign Relations for study of matters pertaining to foreign policies of United States. Report from Committee on Rules and Administration to accompany S. Res. 318.
5239	Feb. 9, 1970. 3 p. 695. Continuing, and authorizing additional expenditures by, Select Committee on Nutrition and Human Needs. Report from Committee on Rules and Administration to accompany S. Res. 323. Feb. 9, 1970. 8 p. 696. Authorizing additional expenditures by Committee on Public Works for investigations of air, water, and environmental matters. Report from
5240	696. Authorizing additional expenditures by Committee on Public Works for investigations of air, water, and environmental matters. Report from Committee on Rules and Administration to accompany S. Res. 327, Feb. 9, 1970. 4 p.
5241	697. Authorizing additional expenditures by Committee on Banking and Currency for inquiries and investigations. Report from Committee on Rules and Administration to accompany S. Res. 329. Feb. 9, 1970. 3 p.
5242	698. Authorizing additional expenditures by Committee on Banking and Currency for investigation of housing and urban affairs. Report from Committee on Rules and Administration to accompany S. Res. 330. Feb. 9, 1970. 4 p.
5243	699 Authorizing additional expenditures by Committee on Aeronautical and Space Sciences for inquiries and investigations, Report from Committee on Rules and Administration to accommany S. Res. 332, Feb. 9, 1970, 3 p.
5244	700. Authorizing additional expenditures by Committee on Rules and Administration for continuing studies of Federal election laws and related matters. Report from Committee on Rules and Administration to ac-
	company C Pec 207 Ech 0 1070 2 n

*For Sale by Superintendent of Documents †Distribution Made by Issuing Office ‡Official Use. Not Available

- 5245
- 701. Adjustments in Foreign Service retirement system. Report from Committee on Foreign Relations to accompany H.R. 14789. Feb. 10, 1970. 23 p.
 702. Foreign arbitral awards. Report from Committee on Foreign Relations to accompany S. 3274. Feb. 13, 1970. 17 p.
 L.C. card 74-606285
 703. Chart. Water for America. Work. Papert from Committee on Indiana. 5246
- 5247
- 5248
- 5249
- 5250
- 5251
- 702. Foreign arbitral awards. Report from Committee on Foreign Relations to accompany S. 3274. Feb. 13, 1970. 17 p.
 703 Clean Waters for America Week. Report from Committee on Judiciary to accompany S. J. Res. 172. Feb. 16, 1970. 2 p.
 704. International Petroleum Exhibition. Report from Committee on Foreign Relations to accompany S. J. Res. 127. Feb. 16, 1970. 3 p.
 705 American prisoners of war in southeast Asia. Report from Committee on Foreign Relations to accompany H. Con. Res. 454. Feb. 16, 1970. 21 p. L.C. card 70-606284
 706. Airport and airway revenue act of 1970. Report from Committee on Finance to accompany H.R 14465. Feb. 17, 1970. 56 p.
 707. Temporary emergency assistance to provide nutritious meals to needy children. Report from Committee on Agriculture and Forestry to accompany H.R. 11651. Feb. 19, 1970. 7 p.
 708. Authorizing additional expenditures by Committee on Labor and Public Welfare for inquiries into United Mine Workers election of 1969 and pension and welfare funds generally. Report from Committee on Labor and Public Welfare to accompany S. Res. 360. Feb. 19, 1970. 3 p.
 709. Increased authorization for appropriations for continuing work in Missouri River Basin by Secretary of Interior. Report from Committee on Interior and Insular Affairs to accompany S. 3427. Feb. 25, 1970. 4 p.
 710. Department of Labor, and Health, Education, and Welfare, and related agencies appropriations bill, 1970. Report from Committee on Appropriations to accompany H.R. 15931. Feb. 26, 1970. 121 p.
 712. Use of personal checks to pay postal charges. Report from Committee on Post Office and Civil Service to accompany S. 3397. Mar. 2, 1970. 4 p.
 714. Authorizing Public Printer to fix subscription price of daily Congressional record. Reports from Committee on Rules and Administration to accompany S. 3339. Mar. 4, 1970. 3 p. 5252
- 5253
- 5254
- 5255
- 5256

Aeronautical and Space Sciences Committee, Senate Washington, DC 20510

NASA operating plan for fiscal year 1970, hearing, 91st Congress, 2d ses-5257sion, Feb. 2, 1970, Washington, D.C. 1970. iv+59 p. il. † • Item 1032-A Y 4.Ae 8: N 21 a/3/970 L.C. card 76-606071

Commerce Committee, Senate Washington, DC 20510

- [Committee hearings] serial, 91st Congress. † Item 1041 Y 4.C 73/2: 91-(nos.)
- 18. Amend Communications act of 1934, hearings before Communications Subcommittee, 91st Congress, 1st session on S. 2004.
 pt. 2. Dec. 1-5, 1969. 1969. [published 1970]. v+343-724 p. il.
 L.C. card 70-603874 5258
- 41. Increase foreign travel to United States, hearings, 91st Congress, 1st session, on S. 1289 and S. 2143, July 29, 1969, 1970. iv +133 p. 5259 L.C. card 76-605886
- 43. Independent consumer council act, hearings before Consumer Subcommittee, 91st Congress, 1st session, on S. 2959. pt. 1. Oct. 16 and Nov. 3, 1969, 1970, iii+89 p.

 L.C. card 73-606101

 44. Indicest regions on orders of Interests to Commerce Commission, hearing before 5260
- 44. Judicial review or orders of Interstate Commerce Commission, hearing before Subcommittee on Surface Transportation, 91st Congress, 1st session, on S. 2242 and S. 2244, Oct. 7, 1969, 1970, iii + 59 p. 5261 L.C. card 79-606108
- 45. Federal Insurance Guaranty Corporation, hearings, 91st Congress, 1st ses-5262 sion, on S. 2236, Nov. 12-Feb. 10, 1970. 1970. iv + 304 p. L.C. card 79-606309

District of Columbia Committee, Senate Washington, DC 20510

- Compensation of victims of crime, hearings, 91st Congress, 1st session, on 5263 S. 2936, Dec. 17, 1969. 1970. iii+234 p. † • Item 1036 Y 4.D 63/2: C 73/2 L.C. card 77-606074
- Crime in National Capital, hearings, 91st Congress, 2d session.
- pt. 8. Regional aspects of crime, Jan. 29 and Feb. 3, 1970, 1970, iii+1963-2038 p. ii. * Paper, 40c. Item 1036 Y 4.D 63/2: C 86/4/969/pt.8 5264

ΦFor Sale by Clearinghouse, U.S. Department of Commerce, Springfield, Va. 22151 Sent to Depository Libraries

Government Operations Committee, Senate Washington, DC 20510

- 5265 International negotiation, Communist doctrine and Soviet diplomacy, some observations; [by Adam B. Ulam], memorandum prepared at request of Subcommittee on National Security and International Operations (pursuant to S. Res. 24, 91st Cong.). 1970. iii+13 p. (Committee print, 91st Congress, 2d session.) ‡

 L.C. card 74-605872 Y 4.G 74/6: N 31/2
- 5266 Medical malpractice, patient versus the physician, study submitted by committee on Executive Reorganization (pursuant to S. Res. 25, 91st Congress); Nov. 20, 1969. 1969. iii+1060 p. il. (Committee print, 91st Congress, 1st session.) * Paper, \$4.25.

 L.C. card 74-606025 Y 4.G 74/6: M 46/4

Interior and Insular Affairs Committee, Senate Washington, DC 20510

- Magnetohydrodynamics (MHD), hearing before Subcommittee on Minerals. Materials, and Fuels, 91st Congress, 1st session, on pollution-free production of electrical energy from low-grade coal, Dec. 18, 1969. 1970. iii+119 p. il. † Item 1040

 L.C. card 77-605889

 Y 4.In 8/13: M 27
- Wilderness additions in Alaska, New Mexico, Oregon, and Washington, hearings before Subcommittee on Public Lands, 91st Congress, 1st session, on S. 3014, Nov. 6 and Dec. 2, 1969. 1970. ix+234 p. il. †

 Item 1040
 L.C. card 70-606067

 Y 4.In 8/13: W 64/4

Judiciary Committee, Senate Washington, DC 20510

- 5269 Amendments to Voting rights act of 1965, hearings before Subcommittee on Constitutional Rights, 91st Congress, 1st and 2d sessions, on S. 818, S. 2456, S. 2507, and title 4 of S. 2029, July 9, 1969–Feb. 26, 1970. 1970. v+706 p. il. † Item 1042
 L.C. card 70-606162 Y 4.J 89/2: V 94/2/969-70
- 5270 Competition in defense procurement, 1969, hearing before Subcommittee on Antitrust and Monopoly. 91st Congress, 1st session, pursuant to S. Res. 40, July 14, 1969. 1970. iii+205 p. ↑ Item 1042
 L.C. card 71-606165 Y 4.J 89/2: D 36/3/969
- 5271 Firearms legislation, hearings, before Subcommittee to Investigate Juvenile Delinquency. 91st Congress, 1st session, pursuant to S. Res. 48, on S. 100, S. 849, S. 977, S. 2433, and S. 2667, July 23–29, 1969. 1970. v+272 p. il. † Item 1042
 L.C. card 74–606305 Y 4.J 89/2: F 51/3/969
- 5272 George Harrold Carswell, hearings, 91st Congress, 2d session, on nomination of George Harrold Carswell, of Florida, to be Associate Justice of Supreme Court of Unted States, Jan. 22-Feb. 3, 1970. 1970. iv+467 p. † Item 1042 L.C. card 72-605877 Y 4.J 89/2: C 23/3
- 5273 Philadelphia Plan, congressional oversight of administrative agencies (Department of Labor), hearings before Subcommittee on Separation of Powers, 91st Congress, 1st session, on Philadelphia Plan and S. 931, Oct. 27 and 28, 1969. 1970. vi+326 p. † Item 1042

 L.C. card 76-606422 Y 4.J 89/2: P 53/2
- 5274 Price discrimination legislation, 1969, hearings before Subcommittee on Antitrust and Monopoly, 91st Congress, 1st session, on S. 1494, pursuant to S. Res. 40, Sept. 23 and 24, 1969. 1970. iii+272 p. il. ↑ Item 1042 L.C. card 74-606068 Y 4.J 89/2: P 93/3/969

*For Sale by Superintendent of Documents †Distribution Made by Issuing Office ‡Official Use. Not Available

Labor and Public Welfare Committee, Senate Washington, DC 20510

- Alcoholism and narcotics, hearings before Special Subcommittee on Alcoholism and Narcotics, 91st Congress, 1st and 2d session, on inquiry into problem of alcoholism and narcotics. † Item 1043

 L.C. card 77-606161

 pt. 1. Los Angeles, Calif., Sept. 26 and 27, 1969. 1970. iv+263 p. il. pt. 2. Denver, Colo., Nov. 29, 1969. 1970. v+263a-447 p.
- 5276 Corrected contents, for Senate, Labor and Public Welfare Committee hearings on narcotic addiction and drug abuse. [1970.] [2] p. ↑ Item 1043 Y 4.L 11/2: N 16/corr.cont.
- 5277 Heart disease, cancer, stroke, and kidney disease amendments of 1970, hearings before Subcommittee on Health, 91st Congress 2d session, on S. 3355 [and] S. 3443, and related bills.

 pt. 1. Feb. 17 and 18, 1970. 1970. v+211 p. il. † Item 1043
 L.C. card 78-606306

Nutrition and Human Needs, Select Committee on, Senate Washington, DC 20510

Note.—The Select Committee on Nutrition and Human Needs was established as a select committee of the Senate by S. Res. 281. of the 90th Congress, 2d session, which was considered, amended, and agreed to July 30, 1968.

- 5278 Nutrition and human needs, hearings, 90th Congress 2d session, and 91st
 Congress 1st session
 nt. 15. Human needs in health, Nov. 3, 1969. 1969 [published 1970]. iii+5535-

Public Works Committee, Senate Washington, DC 20510

- 5279 Air pollution, 1969, hearing before Subcommittee on Air and Water Pollution, 91st Congress, 1st session, on problems and programs associated with control of air pollution, Oct. 27, 1969, St. Louis, Mo. 1970. iv+244 p. il. † Item 1045
 L.C. card 74-606112 Y 4.P 96/10: Ai 7/969
- [Committee publication] serial, 91st Congress.

 13. Resource recovery act of 1969, hearings before Subcommittee on Air and Water Pollution, 91st Congress, 1st session, on S. 2005.
 pt. 2. Sept. 30-Oct. 28, 1969, 1969, 11497-1418 p. ii. 1 pl. [Hearings held in Washington, D.C., and Detroit, Mich.]

 14. Period 1045

 15. L.C. card 77-604498

Rules and Administration Committee, Senate Washington, DC 20510

5281 Nomination of Adolphus Nichols Spence II to be Public Printer, hearing, 91st Congress, 2d session, Mar. 5, 1970. 1970. iii+13 p. † ● Item 1046 L.C. card 71-606307 Y 4.R 86/2: Sp 3

Small Business, Select Committee on, Senate Washington, DC 20510

- 5282 Impact of franchising on small business, hearings before Subcommittee on Urban and Rural Economic Development, 91st Congress, 2d session.
 pt. 1. Jan. 20-27, 1970, 1970, v+503 p. il. Paper, \$2.25. Item 1049
 L.C. card 76-606299 Y 4.Sm 1/2: F 84/pt.1
- Review of Small Business Administration's programs and policies, 1969, hearings, 91st Congress, 1st session, on review of Small Business Administration financial assistance programs and policies, June 10-Oct. 15, 1969, 1969 [published 1970]. vi+794 p. il. ↑ Item 1049

 L.C. card 74-605880 Y 4.Sm 1/2: Sm 1/3/969

 ◆For Sale by Clearinghouse, U.S. Department of Commerce, Springfield, Va. 22151
 ◆Sent to Depository Libraries

CONSUMER AND MARKETING SERVICE, Agriculture Dept. Washington, DC 20250

- 1970 acreage marketing guides AMG (series. † Item 18-D A 88.26/4: (nos.)
- 5284 72. Vegetables for commercial processing. Mar. 1970. 36 p. il. 40
- .C. card 68-61679 73. 1970 summer and fall vegetables, melons, sweetpotatoes, Mar. 1970, 52 p. 11, 40

C&MS (series).

- 5286
- 5287 Fresh fruit and vegetable market news, Washington, D.C., wholesale market prices, summary, 1968. [Oct. 27, 1969.] 30 p. 4° (Fruit and Vegetable Division.) † A 88.12/22-2:968 Vegetable Division.)
- 5288 Institutional meat purchase specifications for fresh beef, series 100; approved by USDA. [1970.] iv+14+[1] p. il. 4° (Livestock Division.) [Effective Mar. 1970.] *Paper, 20c. • Item 24-N A 88.17/4: B 39/970
- 5289 Institutional meat purchase specifications for portion-cut meat products, series 1000, approved by USDA, effective Mar. 1970. [1970.] 21 p. 4° (Livestock Division.) * Paper, 20c. • Item 24-N

A 88.17/4: M 46/970

- 5290 Manual of meat inspection procedures of Department of Agriculture. Reprinted Jan. 1970. cover title, A-D+xxxiv+353 p. il. 4° (Consumer Protection Programs.) [Implements regulations contained in subchapter A and D, chap. 3, title 9, Code of Federal regulations. Issued in looseleaf form. Incorporates changes 1-22.] * Paper, \$9.25 (including basic manual and supplementary material for an indefinite period); \$3.50 additional for foreign mailing. • Item 24-P A 88.6/4: M 46/970
 - PMG (series. † Item 18-D A 88.26/5:(nos.)
- 10. 1970 egg marketing guide for July-Dec. 1970. [1970.] 12 p. il. 4° L.C. card 74-605324
 Third quarter, 1970 broiler marketing guide. [1970.] 8 p. 4° L.C. card 71-603758 5291
- 5292
- 5293 Regulations (other than rules of practice) under Perishable agricultural commodities act; regulations effective Nov. 4, 1969. [1969.] [1]+i1+40 p. narrow 8 † • Item 107-B A 88.6: P 41/969-2

COPYRIGHT OFFICE, Library of Congress Washington, DC 20540

- Catalog of copyright entries, 3d series, v. 23. * Paper, \$50.00 (including semiannual issues of pts. 1-13); \$12.50 additional for foreign mailing. L.C. card 6-35347
- 5294 pt. 6. Maps and atlases, no. 1; Jan.-June 1969. 1969. ix+1-79 p. 4° Item 797 NOTE.—Part 6 also sold separately on subscription. * Paper, \$5.00 a yr., \$1.25 additional for foreign mailing; single copy, \$2.50 LC 3.6/5: v.23/pt.6/no.1 Circular.
- 5295 2. Publications of Copyright Office. [Feb. 1970.] [1]+7 p. narrow 8° • Item 802-A LC 3.4/2:2

CUSTOMS BUREAU, Treasury Dept. Washington, DC 20226

- 5296 Automobiles imported into United States. [1970.] 12 p. il. narrow 8° * Paper, \$6.75 per 100; single copy 10c. • Item 950 T 17.2: Au 8/970
- 5297 A gift . . . are you sure? [1969.] [4] p. narrow 16° † • Item 950 T 17.2: G 36

*For Sale by Superintendent of Documents †Distribution Made by Issuing Office ‡Official Use. Not Available

DEFENSE DEPARTMENT Washington, DC 20301

	Armed services procurement ma	nual ASPM	(series).	
298	2. Small purchase manual. Dec. 15. Paper, 45c. • Item 303	, 1969. [44] p.	4º [Issued in	D 1.13/4:2

- Defense Supply Agency handbook DSAH (series). Item 314-A D 7.6/7:(nos.)
- 5299

 1400.2. DSA equal employment opportunity affirmative action plan. Jan. 1970.

 cover title, iv+20 p 4° * Paper, 30c.

 5025.2. DSA field establishment directory. Feb. 1970. cover title, v+33 p. 4°

 ([Air Force Dept.] AFR 67-14.) [Issued in looseleaf form. Supersedes DSAH 5025.2, July 1969.] * Paper, 40c.
- 5301 Effect of value engineering changes on reliability of equipment in service.

 Sept. 1969 [published 1970]. cover title, [74] p. 4° (Office of Assistant Secretary of Defense (Installations and Logistics).) * Paper, 70c.

 Item 314-A

 L.C. card 77-606232

 D 7.2: V 24/3
- 5302 Federal item identification guides: Abrasives, Sept. 19, 1969, Change 1.

 Jan. 30, 1970. [14] p. 4° (FIIG A069; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] *Paper, 15c. Item 314-A D 7.6/4: Ab 8/ch.1
- 5303 Bearing and bushing, plain, Sept. 19, 1969, Change 1. Feb. 13, 1970. cover title, [50] p. il. 4° (FIIG A045; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] * Paper, 55c. Item 314-A D 7.6/4: B 38/ch.1
- 5304 Books, maps, and other publications. Feb. 13, 1970. cover title, [37] p. 4°
 (INTERIM FIIG T 110; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.]
 * Paper, 50c. Item 314-A
- 5305 Chain and wire rope. Mar. 6, 1970. cover title, [114] p. il. 4° (FIIG A082; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued in looseleaf form.] * Paper, \$1.25. Item 314-A D 7.6/4: C 34
- 5306 Coats and coat-like garments, Sept. 5, 1969, Change 2, Jan. 30, 1970.

 [18] p. 4° (FIIG A215; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.]

 * Paper, 20c. Item 314-A D 7.6/4: C 63/ch.2
- 5307 Computers. Feb. 13, 1970. cover title, [29] p. 4° (Interim FIIG T123; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] * Paper, 40c. Item 314-A D 7.6/4: C 73/2
- 5308 Flags and pennants. Feb. 13, 1970. cover title, [39] p. 4° (INTERIM FIIG T 283; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] * Paper, 50c. Item 314-A
- 5309 Parachutes, aerial pick up, delivery, and recovery. Feb. 20, 1970. cover title, [83] p. 4° (INTERIM FIIG T101; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued in looseleaf form.] * Paper, \$1.00. Item 314-A D 7.6/4: P 21
- 5310 —— Radar equipment. Mar. 6, 1970. cover title, [49] p. 4° (Interim FIIG T208; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued in looseleaf form.] * Paper, 65c. Item 314-A D7.6/4: R 11
- 5311 —— Shaft collars and hub clamps, Change 1. Feb. 6, 1970. [14] p. il. 4° (FIIG A231; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] * Paper, 15c.

 Item 314-A

 D 7.6/4: Sh 1/ch.1

 ◆For Sale by Clearinghouse, U.S. Department of Commerce, Springfield, Va. 22151
 ◆Sent to Depository Libraries

- Synchros and resolvers. Feb. 13, 1970. cover title, [83] p. il. 4° (FIIG A078, Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued in looseleaf form.] * Paper, \$1.00. D 7.6/4: Sy 7 • Item 314-A
- Water heaters. Mar. 6, 1970. cover title, [37] p. 4° (Interim FIIG 5313 T285; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued in looseleaf form]. * Paper, 55c. • Item 314-A D 7.6/4: W 29
- Waveguide, Nov. 14, 1969, Change 1, Jan. 30, 1970. [4] p. 4° (FIIG A073; Defense Supply Agency, Defense Logistics Services Center, Battle 5314 Creek, Mich.) [Issued with perforations.] * Paper, 10c. ● Item 314-A D 7.6/4: W 36/ch.1
- HQ USAF ASPR supplement, Sept. 1, 1969, Armed Services procurement regulations: Increment 1, [1969.] [244] p. 4° (Air Force Department.) [Includes transmittal sheet. Issued in looseleaf form.] *Paper, \$16.00 (including basic volume and supplementary material for an indefinite period); \$4.00 additional for foreign mailing. • Item 304 D 1.13/2-3:969/incr.1
- Increment 2. [1969.] [138] p. 4° (Air Force Department.) [Includes 5316 transmittal sheet. Issued in looseleaf form.] * Paper, \$16.00 (including basic volume and supplementary material for an indefinite period); \$4.00 additional for foreign mailing. • Item 304 D 1.13/2-3: 969/incr.2
- Increment 3. [1969.] [60] p. 4° (Air Force Department.) [Includes transmittal sheet. Issued in looseleaf form.] * Paper, \$16.00 (including basic volume and supplementary material for an indefinite period); \$4.00 additional for foreign mailing. • Item 304 D 1.13/2-3:969/incr.3
 - Military standard MIL-STD (series). [Issued with perforations.] • Item D 7.10:(nos.)
- 5318
- 867 (USAF). Temper etch inspection. Nov. 21, 1969. iii + 4 p. 4° (FSC MISC.) [Supersedes DWG 63A31460.] †
 1304A (AS). Reports, reliability and maintainability, engineering data. Oct. 31, 1969 [published 1970]. v+13 p. il. 4° (FSC MISC.) [Supersedes MIL-STD-1304(AS), July 15, 1966.] ‡ 5319
- 5320 MILSTRIP, military standard requistioning & issue procedures, Change 24; Dec. 1969. [1969.] [30] p. 4° (DoD 4140.17-M; Office of Assistant Secretary of Defense (Installations and Logistics.) [Issued in looseleaf form, Supersedes MILSTRIP interim changes 23-69 and 24-69.] • Paper, 25c. • Item 314-A D 7.6/4: M 59/ch.24
 - Plastics Technical Evaluation Center, Picatinny Arsenal, Dover, N.J.: PLASTEC report.
- 38. Weatherability of polystyrenes and related copolymers and terpolymers [with bibliographies]; by Joan B. Titus. July 1969. [2]+iv+58+[1] p. il. 4° [Issued with perforations.] Φ Paper, \$6.00. D 4.11:38 5321
- 5322 Proceedings of joint Government-industry Value Engineering Seminar, Gaithersburg, Md., Dec. 8-9, 1969. [1970.] [1]+244 p. il. 4° [Co-sponsors, Defense Supply Agency, Naval Ship Systems Command and Society of D 7.2: V 24/2 L.C. card 73-606231
- 5323 Statement by Secretary of Defense Melvin R. Laird, fiscal year 1971, defense program and budget, before joint session of Senate Armed Services and Appropriations Committees, Feb. 20, 1970. 1970. [1]+v+167 p. il. 4° [At head of title: Defense report.] * Paper, \$1.50. • Item 306 D 1.2: B 85/971

DISTRICT OF COLUMBIA Washington, DC 20004

List of legal investments for trust funds in District of Columbia as of Jan. 1, 1970. [1970.] ii+73 p. [Semiannual.] † Office of Register of Wills and Clerk of Probate Court, Washington, DC • Item 430-A DC 21.9:970

*For Sale by Superintendent of Documents †Distribution Made by Issuing Office ‡Official Use. Not Available

ECONOMIC DEVELOPMENT ADMINISTRATION, Commerce Dept. Washington, DC 20230

- Address by Robert A. Podesta, Assistant Secretary of Commerce for Eco-5325 nomic Development, scheduled for delivery at annual meeting of eastern Oklahoma Economic Development District, Fort Gibson, Okla., Feb. 27, C 46.11: P 75/4 1970. [1970.] 8 p. 4° †
- Address by Thomas P. Dunne, Special Assistant to Assistant Secretary of 5326 Commerce for Economic Development, prepared for delivery at 2d annual meeting of Southern Colorado Economic Development District, Feb. 20, 1970. 1970. 9 p. 4° † C 46.11: D 92/2
- Economic development district, composition and status, as of Dec. 31, 1969; 5327 prepared by Office of Development Organizations. [1970.] [4]+23 p. C 46.2: Ec 7/4/969 • Item 130-D
- Jobs for America, Economic Development Administration annual report, 5328 fiscal 1969. [1970.] vi+150 p. il. 4° * Paper, \$1.25. • Item 130-F

ECONOMIC OPPORTUNITY OFFICE, Executive Office of the President Washington, DC 20506

- Bibliography on comprehensive health service program. Jan. 1970. cover 5329 title, iii+[1]+31 p. 4° (Office of Health Affairs, Comprehensive Health Services.) † • Item 857-H-4 L.C. card 70-606466 PrEx 10.15: C 73
- PrEx 10.23: (nos.) OEO pamphlets. † • Item 857-H-17 5330
- 330-1. Office of Economic Opportunity, employment, summer 1970. [Jan. 1970.] [2] p. oblong 8°, folded into narrow 8° size.
 4100-3. Vista serves. [1970.] [2] p. il. oblong 8°, folded into narrow 8° size.
 4100-9. VISTA lawyers. [Jan. 1970.] cover title, [8] p. 4°
 4100-11. VISTA architects and planners. [Feb. 1970.] cover title, [8] p. il 4°
 [Text on p. 2 of cover.] 5331 5333
- Preliminary results of New Jersey graduated work incentive experiment, 5334 conducted by Office of Economic Opportunity. Feb. 18, 1970. [2] +26 p. PrEx 10.2: N 42 j
- il. 4° • Item 857-H Special catalog of Federal assistance programs for minority business 5335 enterprises. 1st edition Sept. 1969. [1970.] xix+[1]+141 p. 4° [Issued with perforations. Commerce Department, Office of Minority Business Enterprise appears on title page.] † • Item 857-H L.C. card 70-606426 PrEx 10.2: M 66
- Study of neighborhood center programs in rural community action agen-5336 cies. Mar. 2, 1970. [2]+6 p. 4° (OEO guidance 6154-1; OPD/rural programs; Office of Primary Responsibility.) † • Item 857-H-2 PrEx 10.8: N 31

ECONOMIC RESEARCH SERVICE, Agriculture Dept. Washington, DC 20250

- Agricultural economic reports. Item 42-C A 93.28:(nos.)
- 5337
- 173. Household consumption patterns for meat and poultry, spring 1965; [by Robert L. Rizek and George R. Rockwell, jr.]. [Feb. 1970.] cover title, iii + 32 p. ii. 4° * Paper, 35c.

 174. Rural industrialization in Southeast coastal plain, case study of new brick factory in Summerville, S.C.; [by Jackson V. McElveen]. [Feb. 1970.] vi+13 p. ii. 4° † 5338
- Agricultural finance review, v. 30, supplement, Jan. 1970. [1969.] cover title, 5339 iv+81 p. 4° (Farm Production Economics Division.) † A 93.9/10:30/supp. L.C. card 46-34980
- ERS (series). 352. Costs of storing and handling farmers' stock peanuts in commercial facilities, 1969; [by N. A. Wynn, jr., and Donn A. Reimund] [Revised Feb. 1970.] iv+33 p. 4° † ● Item 42-I L.C. card 73-606467 A 93.21:352/969 5340
 - A 93.21: 352/969

ΦFor Sale by Clearinghouse, U.S. Department of Commerce, Springfield, Va. 22151 Sent to Depository Libraries

Foreign agricultural economic report.

57. World agricultural situation, review of 1969 and outlook for 1970; [by Donald Chrisler]. [1970.] 22 p. il. 4° † • Item 42-B A 93.27:57

EDUCATION OFFICE, Health, Education, and Welfare Dept. Washington, DC 20202

Note .- See Notice on page 1.

- 5342 Administration of Public Laws 81–874 & 81–815 [as amended], 19th annual report of Commissioner of Education, June 30, 1969; [prepared by Division of School Assistance in Federally Affected Areas]. [1970.] vi+207 p. il. 4° (OE-22003-69.) *Paper, \$1.75. Item 460-A-22 L.C. card E 52-22 HE 5.222: 22003-69
- 5343 Analytic summaries of specifications for model teacher education programs; [prepared by] System Development Corporation. Oct. 1969 [published 1970]. xiv+200 p. 4° (National Center for Educational Research and Development.) Includes list of available publications for elementary teacher education project. * Paper, \$2.00 Item 460-A-58
- 5344 Aspirations, enrollments, and resources, challenge to higher education in the seventies [with bibliography]; by Joseph Froomkin. [1970.] v+151 p. il. 4° (OE-50058.) * Paper, \$1.25. Item 460-A-50 L.C. card 79-606463 HE 5.250: 50058
- 5345 Awards for modern foreign language and area study, 1970-71. [1970.]
 cover title, [3]+28 p. oblong 12° ([OE-55034-71.]) * Paper, 35c.
 Item 460-A-55 HE 5.255: 55034-71
- 5346 Competence for all as goal for secondary education, address by James E. Allen, jr., Assistant Secretary for Education and U.S. Commissioner of Education before annual convention of National Association of Secondary School Principals, Washington, D.C., Feb. 10, 1970. [1970.] 14 leaves, 4° † HE 5.8: Al 53/16
- 5347 Continuing math revolution; [by Marilyn N. Suydam]. [1970.] [6] p. large 8° ([OE-29070.]) [Reprinted from American education, Jan.-Feb. 1970.] * Paper, 20c. Item 460-A-29 HE 5.229: 29070
- 5348 Digest of educational statistics, 1969 edition; by Kenneth A. Simon and W. Vance Grant. [Sept. 1969.] xii+[1]+128 p. il. 4° (OE-10024-69; National Center for Educational Statistics.) * Paper, \$1.50. Item 460-A-10 L.C. card HEW 62-154 HE 5.210: 10024-69
- 5349 Education for survival, address by James E. Allen, jr., Assistant Secretary for Education, and U.S. Commissioner of Education, before 1970 annual meeting of American Council of Learned Societies, Washington, D.C., Jan. 23, 1970. [1970.] 17 leaves, 4° † HE 5.8: Al 53/15
- 5350 Education professions development act, program for 1970-71, training projects/fellowships. Feb. 1970. iii+44 p. ([OE-58027-71]; Bureau of Educational Personnel Development.) ↑ Item 460-A-58

 HE 5.258: 58027-71
- 5351 Elementary-secondary program in compensatory education 3: Homework helper program, New York City [Printed Feb. 1969, revised Feb. 1970.] [1970.] [5]+16 p. 4° ([OE-37025; It works.]) [Includes list of sources.] * Paper, 20c. Item 460-A-37 L.C. card 73-601322 HE 5.237: 37025/2
- Information communication occupations (U.S.O.E. classification code 14.0400), suggested curriculum guide; [prepared by C. E. Leslie & Associates]. [1970.] vi+148 p. il. 4° (OE-86013; Bureau of Adult, Vocational, and Library Programs, Manpower Development and Training Program.) [Issued with perforations.] * Paper, \$1.50 Item 460-A-86
 L.C. card 79-606262 HE 5.286: 86013

*For Sale by Superintendent of Documents †Distribution Made by Issuing Office ‡Official Use. Not Available

- 5358 Leaving drug world behind; by Ronald Moskowitz. [1970.] [4] p. il. 4° ([OE-25055.]) [Reprinted from American education, Jan.-Feb. 1970.] *Paper, 10c. Item 460-A-25 HE 5.225: 25055
- 5354 Preparing way for new era of advancement in education, address by James E. Allen, jr., Assistant Secretary for Education and U.S. Commissioner of Education, before 1st general session of annual convention of American Association of School Administrators, Atlantic City, N.J., Feb. 14, 1970. 1970. 16 leaves, 4° † HE 5.8: Al 53/17
- Preschool program in compensatory education 1: Language stimulation program, Auburn, Ala. [with list of quoted sources]. [1969.] [5]+10 p. il. 4° ([OE-37058; It works.]) * Paper, 20c. Item 460-A-37 L.C. card 73-601219
- 5356 Project Early Push, Buffalo, N.Y. [with lists of sources]. [1969.] [5] +12 p. 4° ([OE-37055; It works.]) * Paper, 20c. • Item 460-A-37 L.C. card 73-601219
- Fasearch in education, annual index Jan.—Dec. 1969 ([report resumes]).

 [1970.] cover title, [2]+920 p. 4° (Educational Resources Information Center, ERIC; [National Center for Educational Research and Development].) [Includes accession nos. ED 021 152-031 604.] * Paper, \$6.25. Item 466-A

 L.C. card 72-216727 HE 5.77: 969-2/ind.
- Secondary program in compensatory education 4: Expanded language arts, Buffalo, N.Y. [1969.] [5]+8 p. 4° ([OE-37050]; It works.) [Includes lists of sources.] * Paper, 15c. Item 460-A-37

 HE 5.237: 37050
- Short summary of 10 model teacher education programs [with list of publications]; by Judith Klatt and Walt Le Baron, System Development Corporation. Nov. 1969 [published 1970]. vi+32 p. 4° ([OE-58036]; National Center for Educational Research and Development.) * Paper, 45c. Item 460-A-58
- 5360 Systems analysis and learning systems in development of elementary teacher education models [with list of publications]; by Walt Le Baron. Oct. 1969. v+49 p. 4° (OE-58035; National Center for Educational Research and Development.) [OE number printed incorrectly as OE-58036 on p. 4 of cover.] * Paper, 45c. Item 460-A-58

 L.C. card 77-606425 HE 5.258: 58035
- 5361 University of Wisconsin, Wisconsin elementary teacher education project, v. 1-4 [with bibliographies]. Feb. 1969. [742] p. il. 4° (EO-58025; Bureau of Research.) * Paper, \$5.75. Item 460-A-58 HE 5.258: 58025

EMERGENCY PREPAREDNESS OFFICE, Executive Office of the President

Washington, DC 20504

NOTE.—The name of the Emergency Planning Office has been changed to the Emergency Preparedness Office.

5362 Geologic hazards and public problems, conference proceedings May 27-28, 1969; [edited by Robert A. Olson and Mildren M. Wallace]. [1969.] cover title, [1]+iv+335 p. il. [Conference sponsored by Region 7, Office of Emergency Preparedness, Santa Rosa, Calif.] *Paper, \$2.75. ● Item 856-C-1

L.C. card 74-606198

PrEx 4.2: G 29

ENGINEERS CORPS (Army), Defense Dept.

Note.—Orders or requests for publications of the Engineers Corps, other than those sold by the Superintendent of Documents or by offices of the Engineers Corps in other cities, should be addressed to Chief of Engineers, U.S. Army, Washington, DC 20310, Attention Publications Office.

 ◆For Sale by Clearinghouse, U.S. Department of Commerce, Springfield, Va. 22151
 ◆Sent to Depository Libraries

Cold Regions Research and Engineering Laboratory, Hanover, N.H.: Research reports. † D 103.33/3:(nos.)

267. Relationships between climate and regional variations in snow-cover density in North America [with list of literature cited]; Michael A. Bilello. Dec. 1969. iii+21 p. ii. 4° (DA task 1T061102B52A02.)

5364 276. Variation of some mechanical properties of polar snow, Camp Century, Greenland [with list of literature cited; by] Austin Kovacs, W. F. Weeks and Frank Michitti. Dec. 1969. iii+35 p. il. 4° (DA task 1T061102B52A02, DA task 1T062112A13001.)

5365 277. Stability of difference aproximation to shock wave propagation in inhomogeneous elastic-plastic media [with list of literature cited; byl Yoshisuke Nakano. Dec. 1969. iv+9 p. 4° (DA task 1T061102B52A02.)

--- Technical report.

231, Core drilling through Antarctic ice sheet [with list of literature cited; by]
Herbert T. Ueda and Donald E. Garfield. Dec. 1969, iii+19 p. il. 4°
(DA 1T061101A91A.)
L.C. card 71-606157
D 103.33:231

EARI development research series: Report. (Engineer Agency for Resources Inventories.)

- 5367 1. Soils of An Giang Province, Viet-Nam; by Elvin Z. Compy and Allen H. Reimer.

 Mar. 1969. v+31 leaves, il. map in pocket 4° [Prepared for Department of State, Agency for International Development.] \$ D 103.50:1
- 5368 Land reform Viet-Nam, pilot drainage and irrigation project, Thanh Quoi,
 An Giang Province, feasibility study. [1968.] cover title, [170] leaves
 il. 4° (Engineer Agency for Resource Inventories.) [Prepared for
 Agency for International Development.] ‡ D 103.2: V 67/3
- Land reform Viet-Nam, program to speed land distribution; prepared by Engineer Agency for Resources Inventories. Mar. 1969. cover title, [157] leaves il. 4° [Prepared for State Department, Agency for International Development. Some illustrations are colored.]
 L.C. card 73-606424 D 103.2: V 67/2
- Marion, Kans., local protection project, letter from chief of engineers, Army, submitting report; Jan. 26, 1970. 1970. xviii+98 p. il. 3 pl. 4°
 [Also issued as H.doc. 256, 91st Cong. 2d sess.]

 ↑ Item 334-A
 D 103.22: M 33
- Mud Mountain Dam on White River, Wash., constructed by Seattle District, U.S. Army Corps of Engineers. Sept. 1969. [4] p. il. 4° ‡ D 103.2: M 88
 - Port series. [Part 1 of Port series is prepared by Division of Ports and Systems, Maritime Administration, Commerce Dept., and part 2 by Domestic Ports Branch, Board of Engineers for Rivers and Harbors, Engineers Corps.]

5372 23 Ports of Galevston and Texas City, Tex., pt. 2. Revised 1969. 1969. v+72 p.
11. 3 maps, 4° [Supersedes in part, similar report revised in 1959.]
Paper, \$1.50. • Item 340
L.C. card 71-606410
D 103.8: 23/2

- Program to attain maximum agricultural production in An Giang Province, Viet-Nam; by Joseph D. Brewer, Allen H. Reimer, [and] Charles M. Schwartz. Mar. 1969. iii+29 leaves il. 4° (Engineer Agency for Resources Inventories.) [Prepared for State Department, Agency for International Development.] †
- Revere and Nantasket Beaches, Mass., letter from chief of engineers, Army, submitting report; Jan. 13, 1970. 1970. xlii+79 p. il. 3 pl. 4° [Also issued as H. doc. 211, 91st Cong., 2d sess.] ‡ Item 334-A D 103.22: R 32/2

Watersways Experiment Station.

NOTE.—Unless otherwise indicated, publications of Waterways Experiment Station may be ordered from Corps of Engineers, U.S. Army, Waterways Experiment Station, Vicksburg, Miss. (price upon application).

*For Sale by Superintendent of Documents †Distribution Made by Issuing Office ‡Official Use. Not Available

Waterways Experiment Station: Technical report.

 Natural rubble slopes and their relevance to crater fallback slopes [with bibliographies; by R. J. Lutton, Sept 1969.] [192] p. il. 4° [Prepared for U.S. Army Engineer Nuclear Cratering Group, Lawrence Radiation Laboratory, Livermore, Calif.] Φ Paper, \$3.00.
 D 103.24/2.14 5375

ENVIRONMENTAL CONTROL ADMINISTRATION, Health, Education, and Welfare Dept. Washington, DC 20204

NOTE. - See Notice on page 1.

Community environmental management series.

- Model State housing societies law; [by] Jan Krasnowiecki. 1970. viii+62 p. ([Public Health Service publication 2025]; Bureau of Community Environmental Management) Paper, 35c. Item 468-A-7 5376 L.C. card 77-606291 HE 20.1117: H 81
- Guidelines and criteria for community water supplies in developing countries. 1969. ix+101 p. map (Bureau of Water Hygiene.) [Prepared in cooperation with State Department, Agency for International Development PASA TCR 3-67.] † • Item 468-A-2 HE 20.1108: W 29 L.C. card 77-605846

Injury Control Research Laboratory: Research report ICRL-RR (series). HE 20.1116:(nos.) • Item 483-0

- 5378
- 68-3. Fixed base simulator versus skid plan practice in skid control training final report [with list of references; by] Benjamin C. Duggar [and others]. 1969. vi+50 p. il. (Bureau of Community Environmental Management, Division of Planning and Standards.) * Paper, 35c.

 L.C. card 75-606454

 68-5. Comparison of attitudes toward several cross-chest safety belt systems after operational experience [with list of references; by] Robert K. McKelvey. 1970. v+25 p. il. (Bureau of Community Environmental Management Division of Planning and Standards.) [Prepared with assistance of Arizona Highway Patrol.] †

 L.C. card 70-606206 5379

ORO [Office of Regional Operations] (series). • Item 468-A-4 HE 20.1112: (nos.)

- 69-5. Radiation sources in secondary schools, report of limited survey [with list of references]. [1969.] vil+65 p. il. 4° (Bureau of Radiological Health.) \$\phi\$ Paper, \$3.00.
 L.C. card 76-606430

 70-1. Directory of personnel responsible for radiological health programs. Feb 1970. v+39 p. 4° (Bureau of Radiological Health.) \$\frac{1}{7}\$ Radiological Health.) 5380
- 5381 1970. v+39 p. 4° (E L.C. card 78-601350

Radiation exposure overview, OCS [Office of Criteria and Standards] (series). (Bureau of Radiological Health.)

- 69-1. Microwave ovens and the public [with list of references: by]; Marvin Rosenstein, Warren A. Brill, Charles K. Showalter. July 1969. vii+24+[1] p.

 1. C. card 70-606434

 HE 20.1111: 69-1 5382
- Radiological health handbook; compiled and edited by Bureau of Radio-5383 logical Health and Training Institute. Revised edition. Jan. 1970. [1970.] v+[1]+458 p. il. 4° [Contains copyright material.] * Paper, \$4.00. ● Item 468-A-2 HE 20.1108: R 11/970 L.C. card 61-60903

Selected papers from Bureau of Radiological Health seminar program: Seminar paper.

Approaches to calculation of limitations on nuclear detonations for peaceful purposes [with list of references]. [Nov. 1969.] cover title. [2]+6+[2] p. il. 4° [Issued with perforations.] † HE 20.1109:006 5384

ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION, Commerce Dept. Washington, DC 20235

ESSA, improving quality and safety of human life and prospects, as these 5385 are affected by physical environment. [1969.] [8] p. il. 4° (ESSA C 52.2: En 8/969 P1660011.) † • Item 208-B-1

> ΦFor Sale by Clearinghouse, U.S. Department of Commerce, Springfield, Va. 22151 Sent to Depository Libraries

ESSA technical report. (ESSA Research Laboratories; Atmospheric Physics and Chemistry Laboratory, Boulder, Colo.) ● Item 208-B-7 C 52.15: ERL-(nos.) 5386 ERL 137-APCL 8. Presentation of erros of 4-dimensional parameter in single plane [with list of references; by] Heinz H. Grote, Dec. 1969. [1] +8 p. il 4° * Paper, 25c. 5387 ERL-140-APCL-10. Plotter Subroutine for meteorological straight line flight data (SLENDER) [with list of references; by] Heinz H. Grote. Dec. 1969. iii+37 p. il. 4° * Paper, 50c. 5388 ERL 144-APCL 12. Lightning hazard to rockets during launch 11 [with list of references; by] Heinz W. Kasemir. Jan. 1970. [11+9 p. 4° (NASA contract 906-61-34-00-98-0-00-4-25J-0-XA00-000.) *Paper, 25c ESSA technical report. (ESSA Research Laboratories; Earth Sciences Laboratory, Boulder, Colo.) ERL 147-ESL-7. 5389 ESSA technical report. (ESSA Research Laboratories; Institute for Telecommunication Sciences, Boulder, Colo.) • Item 208-B-7 C 52.15 : ERL-(nos.) ERL 134-ITS 93-2. 5390 UHF radio propagation data for low antenna heights, v. 2; [by] L. G. Hause, F. G. Kimmett, J. M. Harman. Nov. 1969. iii+[1]+146-341 p. il. 4° * Paper, \$2.50. 5391 ERL 141-ITS 96. Scaled model measurements on transportable log-periodic dipole antenna [with list of references; by] E. L. Kilpatrick, H. V. Cottony. Dec. 1969. vi+199 p. il. 4° [Sponsored by U.S. Army Strategic Command, Fort Huachuca, Ariz., under USA STRATCOM contract SCC-449-68.] *Paper, \$1.75. ESSA technical report. [ESSA Research Laboratories; Office of Director, Boulder, Colo.) ERL 145-OD 3. 5392 Concerning theory of scatter of HF radio ground waves from periodic sea waves [with list of references; by] James R. Wait. Dec. 1969. [3]+14 p. il. 4° Paper, 30c. Item 208-B-7 C52.15: ERL 145-OD-3 ESSA technical report. (ESSA Research Laboratories; Research Flight Facility, Miami, Fla.) ERL 132-RFF 2. 5393 ESSA Research Flight Facility, data processing procedures [with 1 reference]; by Howard A. Friedman, Merlin R. Ahrens, [and] Harlan W. Davis. Nov. 1969. 1v+64 p. il. 4° [Errata, 1 p. issued also.] *Paper, 65c. • Item 208-B-7 ESSA technical report. (ESSA Research Laboratories, Space Disturbances Laboratory, Boulder, Colo.) ERL 142-SDL 11. 5394 Observation of traveling ionospheric disturbances by Doppler technique with spaced transmitters (with list of references; by] John E. Jones, Dec. 1969. v+54 p. il. 4° Paper, 60c.

• Item 208-B-7 C 52.15; ERL 142-SDL-11 5395 Federal plan for meteorological services and supporting research, fiscal year 1971. [1970.] cover title, 72 p. il. oblong 12° (Federal Coordinator for Meteorological Services and Supporting Research.) [Includes list of publications covering broad spectrum of meteorological programs in Federal Government.] * Paper, 60c. • Item 208-B-4 C 52.17:971 L.C. card 72-600740

> *For Sale by Superintendent of Documents †Distribution Made by Issuing Office ‡Official Use. Not Available

([ESSA/PI 690037.]) † • Item 208-B-1

5396 In your keeping, skywarn 70 tornado safety message to administrators of schools, hospitals, and other institutions. [1969.] [6] p. il. narrow 8°

C 52.2: In 1

- Skywarn, seconds save lives. [1968.] [2] p. il. oblong 8°, folded into narrow 5397 size. ([ESSA/P1680030.])
- Weather Bureau spotter's guide for identifying and reporting severe local 5398 storms. [1970.] 16 p. il. 4° ([ESSA/P1690013.]) * Paper, 30c. • Item 208-B-2 C 52.8: St 7/970

EXPORT MARKETING SERVICE, Agriculture Dept. Washington, DC 20250

Note.—The Export Marketing Service was established Mar. 28, 1969, by the Secretary of Agriculture under authority of revised statutes (5 U.S.C. 301), and Reorganization Plan 2 of 1953.

You and PL 480 exports, how small business can benefit. [Oct. 1969.] [2] 5399 A 99.2: P 96 p. il. 4°, folded into oblong 32° size. ‡

FARMER COOPERATIVE SERVICE, Agriculture Dept. Washington, DC 20250

FCS research report.

10. Financial structure of farmer cooperatives; [by Melda Griffin and Roger A. Wissman]. [Mar. 1970.] cover title, xii+98 p. il. 4° [Includes on p. 3 of cover list of other FCS publications available.] † Item 64-A 5400 L.C. card 70-606431

Information (series).

64. Why a cooperative? quick look at what people do through their cooperatives.

[Jan. 1970.] [8] p. narrow 8° † ■ Item 65-B

A 89.15:64

[This entry number not used.] 5401 5402

FEDERAL AVIATION ADMINISTRATION, Transportation Dept. Washington, DC 20553

- Federal aviation regulations. [Issued in looseleaf form.] † Item TD 4.6:(nos.) 431-C-13
- 5403
- pt. 61. Certificate: Pilots and flight instructions, Change 32 [effective] Feb. 2, 1970, Jan. 21, 1970, [1970.] [25] p. 4°
 pt. 121. Certification and operation: Air carriers and commercial operators of of large aircraft, Change 36 [effective] Apr. 1, 1970, Feb. 2, 1970, Jan. 6, 1970, Feb. 5, 1970, [1970.] [71] p. 4° [Incorporates amendments, 121-54, 121-55, 121-56, 121-57.]
 pt. 127. Certification and operations of scheduled air carriers with helicopters, Change 12 [effective] Apr. 1, 1970. Feb. 7, 1970. [Incorporates amendments 127-13, and 127-14.] 5404
- 5405
- pt. 135. Air taxi operators and commercial operators of small aircraft, Change 7 [effective] Nov. 15, 1969, Apr. 1, 1970, Dec. 24, 1969, Jan. 6, 1970. [1970.] [41] p. 4° [Incorporates amdts. 135-11, 135-12, 135-13, 135-14.] 5406

Handbooks. • Item 431-C-4

- 0000.7. Index of FAA electronic equipment type designations. Dec. 9, 1069 [1970.] cover title, [3]+161+16 p. 4° [Issued with perforations. Cancels Handbook RD P 6000.1.] ‡ TD 4.8/2:0000.7 8310.4. Maintenance certification procedures, Change 24. Dec. 24, 1969. [60] p. 4° [Issued in looseleaf form.] [Cancellation date, after filing.] † FAA 1.8/2:8310.4/ch.24 5407
- 5407A
- Inspecting airways. [1970.] [7] p. il. † Item 431-C-8 5408 TD 4.2: Ai 7/7
- Instrument rating (airplane) written test guide [with list of recommended 5409 study materials]. Revised 1969. [1969.] v+48 p. il. 4° ([Advisory circular 61-8B.]) [Cancels AC 61-8A, Instrument pilot written test TD 4.8: In 7/4 guide, 1966.] * Paper, 70c. • Item 431-C-4
- National aviation system plan, 1971-80. Mar. 1970 cover title, vi+148 p. il. 5410 4° [Issued with perforations.] * Paper, \$1.50. • Item 451-A-17 L.C. card 77-603920
- National aviation system policy summary [with bibliographies]. Mar. 1970. 5411 cover title, vi+143 p. il. 4° [Issued with perforations.] * Paper, \$1.50. TD 4.33/2:970 • Item 431-A-17

ΦFor Sale by Clearinghouse, U.S. Department of Commerce, Springfield, Va. 22151 Sent to Depository Libraries

5412 Status of Federal aviation regulations, as of Oct. 1, 1969. [1970.] 1 p. 4° † TD 4.13: 969/1

FEDERAL BUREAU OF INVESTIGATION, Justice Dept. Washington, DC 20530

5413 FBI annual report, fiscal year 1969, report of John Edgar Hoover, Director.
Oct. 29, 1969. cover title, [1]+42 p. il. 4° † ● Item 721-A
L.C. card 20-26159
J 1.14/1:969

FEDERAL COMMUNICATIONS COMMISSION Washington, DC 20554

Hurricane Camille, Aug. 17-21, 1969, summary report, effect on communications; compiled by National Industry Advisory Committee. Nov. 25, 1969 [published 1970]. cover title, iv+71 p. il. 4° * Paper, 70c. ● Item 285
L.C. card 72-606271 CC 1.2: C14

FEDERAL EXTENSION SERVICE, Agriculture Dept. Washington, DC 20250

5415 Keeping up with change in rural society [compiled by E. J. Niederfrank.]

Jan. 1970. [3]+34 p. il. 4° ([ER&E-47(5-69)].) † • Item 61

L.C. card 79-606412

FEDERAL HIGHWAY ADMINISTRATION, Transportation Dept. Washington, DC 20591

- 5416 2d annual highway beauty awards competition. [Nov. 1969.] [24] p. il. oblong 12° [Some illustrations are colored.] * Paper, 50c. Item 982-G-3 TD 2.14:2
- 5417 Handbook of highway safety design and operating practices, supplement
 2. Nov. 1969. [39] p. il. oblong 12° [Issued with perforations.] * Paper,
 40c. Item 982-G-2
 L.C. card 68-67194 TD 2.8: H 53/supp.2

FEDERAL HOME LOAN BANK BOARD Washington, DC 20552

- 5418 FHLBB, proper role in inner city, excerpts from speech by Preston Martin, before Federal Savings League of New England, Inc., Cape Cod, Mass., Sept. 13, 1969. 1969. 4 p. 4° † FHL 1.23: M 36/8
- 5419 Rules and regulations for Federal savings and loan system, Mar. 14, 1969, changes; pamphlet insert 1. [1969.] [20] leaves. (Office of General Counsel.) [Issued with perforations.] † FHL 1.6: Sa 9/969/insert 1
- 5420 Short-term asset management, excerpts from speech by Preston Martin chairman, Federal Home Loan Bank Board, Washington, D.C., before United States Savings and Loan League Annual Business Problems Clinic, Chicago, Ill., Aug. 25, 1969. 1969. 2 p. 4° † FHL 1.23: M 36/7

FEDERAL HOUSING ADMINISTRATION, Housing and Urban Development Dept., Washington, DC 20411

5421 FHA regulations: [Home mortgage regulations, amendments to sec. 203,236,242]. [1969.] [14] p. ([FHA 3000.]) [Includes Home regulations transmittal 71, Nov. 7, 1969. Issued in looseleaf form.] †

HH 2.6: M 84/7/964/trans. 71

*For Sale by Superintendent of Documents †Distribution Made by Issuing Office ‡Official Use. Not Available

- [Project mortgage insurance, amendments to sec. 236, 242]. [1969.] 5422 _ [8] p. ([FHA 4000.]) [Includes Project regulations transmittal 69, Nov. 7, 1969. Issued in looseleaf form.]

HH 2.6: M 84/6/964/trans.69

FEDERAL MARITIME COMMISSION Washington, DC

5423 8th annual report of Federal Maritime Commission, fiscal year 1969. v+62 p. il. * Paper, 35c. • Item 233 FMC 1.1:969 L.C. card 63-60652

FMC 1.9:(nos.) FMC SP (series). †

5424 5425

70-3. Remarks of James F. Fanseen, Vice Chairman, Federal Maritime Commission, before 4th International Transportation Seminar-Pacific at University of Hawaii, Honolulu, Feb. 10, 1970. [1970.] 5 p. 4°
70-4. Oceanic education, dynamic key to maritime progress, remarks of Helen Delich Bentley, Chairman, Federal Maritime Commission, before Navy League Symposium, Washington, D.C., Feb. 17, 1970. [1970.] 8 p. 4°
[Errata, 1 p., issued also.]
70-5. Remarks of Helen Delich Bentley, Chairman, Federal Maritime Commission, before Maryland, Delaware, D.C. Press Association, Inc., Washington, D.C., Feb. 20, 1970. [1970.] 11 p. 4°
70-6. Man's challenging environment, the seas remarks of Helen Delich Bentley

5426

70-6. Man's challenging environment, the seas, remarks of Helen Delich Bentley, Chalrman, Federal Maritime Commission, before luncheon session of Business Outlook Conference, San Diego, Calif., Feb. 27, 1970. 1970. 11 5427

 70-7. Safety on waterfront, it's importance to U.S. trade and commerce, remarks by Helen Delich Bentley, Chairman, Federal Maritime Commission at annual Southern California area accident prevention awards dinner, San Pedro, Calif., Feb. 27, 1970. 1970. 7p. 49
 70-8. Remarks of Helen Delich Bentley, Chairman, Federal Maritime Commission, before Junctum Procedure. 5428

5429 before luncheon meeting sponsored by Commission for Public Docks, Portland, Oreg., Feb. 26, 1970. 1970. 7 p. 4°

FEDERAL POWER COMMISSION Washington, DC 20426

FPC P (series).

38. Hydroelectric power evaluation, supp. 1; [prepared by Bureau of Power]. Nov. 1969. [3] + 12 p. 4° [Supplement to P-35, Hydroelectric Power evaluation, Mar. 1968.] * Paper, 25c. ● Item 435-D FP 1.12:38

FPC-S (series).

200. Statistics of publicly owned electric utilities in United States, 1968; [prepared by Office of Accounting and Finance]. Dec. 1969 [published 1970]. xxvi+[159] p. 4° • Paper, \$1.50. ● Item 440 L.C. card 48-46244 FP 1.21: 200 5431

National electric rate book, rate schedules for electric service in communities of 2,500 population or more, residential, commercial, and industrial services. [Issued with perforations.]

Note.—The complete rate book is made up of separate publications, each representing a State. They are sold on subscription basis by the Superintendent of Documents, \$12.50 a year, \$4.25 additional for foreign mailing; single copy, 25c.

Virginia. Jan. 1970. [2]+19 p. 40 [Issued with perforations.] 5432 437-A-44 FP 1.18: V 81/970

L.C. card 73-603343
West Virginia. Dec. 1969. [2]+12 p. 4° [Supersedes issue of Sept. 1968.]

Item 437-A-46 5433 FP 1.18: W 52 v/969

L.C. card 73-603343 FP 1.26:970 Publications list, Jan. 1970. [1970.] 4 p. 4° † 5434

FEDERAL RAILROAD ADMINISTRATION, Transportation Dept. Washington, DC 20591

Railroad accident investigation report. 4149. Illinois Central Railroad Company, Indian Oaks, Ill., Jan. 17, 1969. [1970.] 5435 [2]+15+[1] p. il.

> φFor Sale by Clearinghouse, U.S. Department of Commerce, Springfield, Va. 22151 Sent to Depository Libraries

FEDERAL REGISTER OFFICE, General Services Administration Washington, DC 20408

Code of Federal regulations and Cumulative pocket supplements.

Note.—For the convenience of those who maintain complete sets of the Code of Federal regulations, arrangements have been made to supply pocket supplements as of Jan. 1, 1970 and any completely revised volumes issued in 1970 on a subscription basis at \$175.00 a year, \$50.00 additional for foreign mailing. The revised volumes and supplements will be mailed as printed and all subscribers will receive expiration notices in ample time to renew their subscriptions, thus avoiding loss of continuity. The Superintendent of Documents will continue to make available the revised volumes and individual supplements for those who do not maintain complete sets.

- 5436 Code of Federal regulations: Title 7 [Agriculture], pts. 0-45, revised as of Jan. 1, 1970. [1970.] vi+627 p. il. [Contains codification of documents of general applicability and future effect as of Jan. 1, 1970, with ancillaries.] * Paper, \$2.75. Item 572
 L.C. card 49-46198 GS 4.108: 7/pt.0-45/970
- 5437 Title 7 [Agriculture], pts. 46-51, revised as of Jan. 1, 1970. [1970.]
 vi+467 p. [Contains codification of documents of general applicability
 and future effect as of Jan. 1, 1970, with ancillaries.] * Paper, \$1.75.
 Item 572 GS 4.108: 7/pt.46-51/970
- Title 7 [Agriculture] pts. 945-980, revised as of Jan. 1, 1970. [1970.] vi+232 p. [Contains codification of documents of general applicability and future effect as of Jan. 1, 1970 with ancillaries.] * Paper, \$1.00.

 Item 572 GS 4.108: 7/pt.945-980/970
- Title 7 [Agriculture], 981-999, revised as of Jan. 1, 1970. [1970.] vi +236 p. [Contains codification of documents of general applicability and future effect as of Jan. 1, 1970, with ancillaries.] * Paper, \$1.00. ■ Item 572 GS 4.108: 7/pt.981-999/970
- Title 7 [Agriculture], pts. 1000-1029, revised as of Jan. 1, 1970. [1970.]
 vi+375 p. [Contains codification of documents of general applicability
 and future effect as of Jan. 1, 1970 with ancillaries.] * Paper, \$1.50.
 Item 572 GS 4.108: 7/pt.1000-1029/970
- Title 7 [Agriculture], pts. 1120-1199, revised as of Jan. 1, 1970. [1970.]
 vi+375 p. [Contains codification of documents of general applicability and future effect as of Jan. 1, 1970 with ancillaries.] * Paper, \$1.50.
 Item 572
 GS 4.108: 7/pt.1120-1199/970
- Title 16 [Commercial practices], pt. 150 to end, revised as of Jan. 1, 1970. [1970.] vi+533 p. [Contains codification of documents of general applicability and future effect as of Jan. 1, 1970, with ancillaries.]

 * Paper, \$2.00. Item 572 GS 4.108: 16/pt.150-end/970
- Title 21 [Food and Drugs], pts. 1-119, revised as of Jan. 1, 1970. [1970.]
 vi+449 p. [Contains codification of documents of general applicability
 and future effect as of Jan. 1, 1970 with ancillaries.] * Paper, \$1.75.

 Item 572

 GS 4.108: 21/pt.1-119/970
- 5444 Title 26 [Internal revenue], pt. 1 (sec. 1.0-1 to 1.300), revised as of Jan. 1, 1970. [1970.] vi+711 p. [Contains codification of documents of general applicability and future effect as of Jan. 1, 1970 with ancillaries.] * Paper \$3.00. Item 572

 GS 4.108: 26/pt.1 (sec.1.0-1 to 1.300)/970
- 5445 Title 26 [Internal revenue], pt. 1 (sec. 1.301-1.400), revised as of Jan. 1, 1970. [1970.] vi+260 p. [Contains codification of documents of general applicability and future effect as of Jan. 1, 1970, with ancillaries.] * Paper, \$1.00. Item 572

GS 4.108: 26/pt.1 (sec.1.301-1.400)/970

*For Sale by Superintendent of Documents †Distribution Made by Issuing Office ‡Official Use. Not Available

- Title 26 [Internal revenue] pt. 1 (sec. 1.401 to 1.500), revised as of Jan. 1, 1970. [1970.] vi+352 p. [Contains codification of documents of general applicability and future effect as of Jan. 1, 1970, with ancillaries.] * Paper. \$1.50. Item 572

 GS 4.108: 26/pt.1 (sec.1.401-1.500)/970
- Title 26 [Internal revenue], pt. 1 (sec. 1.501-1.640), revised as of Jan. 1, 1970. [1970.] vi+307 p. [Contains codification of documents of general applicability and future effect as of Jan. 1, 1970 with ancillaries.] * Paper, \$1.25. Item 572

 GS 4.108: 26/pt.1 (sec.1.501-1.640)/970
- Title 26 [Internal revenue], pt. 1 (sec. 1.851-1.1200), revised as of Jan. 1, 1970. [1970.] vi+531 p. [Contains codification of documents of general applicability and future effect as of Jan. 1, 1970 with ancillaries.] * Paper, \$2.00. Item 572

 GS 4.108: 26/pt.1 (sec. 1.851-1.1200)/970
- Jan. 1, 1970. [1970.] vi+751 p. [Contains codification of documents of general applicability and future effect as of Jan. 1, 1970 with ancillaries.] * Paper, \$3.25. Item 572

 GS 4.108: 26/pt.1 (sec.1.1201-end)/970
- Title 26 [Internal revenue], pts. 300-499, revised as of Jan. 1, 1970. [1970.] vi+339 p. il. [Contains codification of documents of general applicability and future effect as of Jan. 1, 1970, with ancillaries.]

 * Paper, \$1.50. Item 572 GS 4.108: 26/pt.300-499/970
- Title 26 [Internal revenue], pts. 500-599, revised as of Jan. 1, 1970. [1970.] vi+419 p. [Contains codification of documents of general applicability and future effect as of Jan. 1, 1970, with ancillaries and index.] * Paper, \$1.75. Item 572 GS 4.108: 26/pt.500-599/970
- Title 26 [Internal revenue], pts. 600 to end, revised as of Jan. 1, 1970.

 [1970.] vi+153 p. [Contains codification of documents of general applicability and future effect as of Jan. 1, 1970, with ancillaries.]

 * Paper, 65c. Item 572

 L.C. card 49-46198 GS 4.108: 26/pt.600-end/970
- Title 27, [Intoxicating liquors], revised as of Jan. 1, 1970. [1970.] vi+83 p. [Contains codification of documents of general applicability and future effect as of Jan. 1, 1970, with ancillaries.] * Paper, 45c.
 Item 572 GS 4.108: 27/970
- Title 28 [Judicial administration] revised as of Jan. 1, 1970. [1970.] vi+174 p. [Contains condification of documents of general applicability and future effect as of Jan. 1, 1970, with ancillaries.] * Paper. 75c.

 Item 572 GS 4.108: 28/970
- Title 29 [Labor], pt. 900 to end, revised as of Jan. 1, 1970. [1970.] vi+327 p. [Contains condification of documents of general applicability and future effect as of Jan. 1, 1970, with ancillaries.] Paper, \$1.25.

 Item 572 GS 4.108: 29/pt.900-end/970
- Title 36 [Parks, forests, and memorials], revised as of Jan. 1, 1970. [1970.] vi+301 p. [Contains codification of documents of general applicability and future effect as of Jan. 1, 1970 with ancillaries.] * Paper, \$1.25. Item 572 GS 4.108: 36/970
- 5457 Title 41 [Public contracts and property management], chap. 1, revised as of Jan. 1, 1970. [1970.] vii+628 p. il. [Contains codification of documents of general applicability and future effect as of Jan. 1, 1970 with ancillaries.] * Paper, \$2.75. Item 572 GS 4.108: 41/chap.1/970
- Title 41 [Public contracts and property management], chap. 19-100, revised as of Jan. 1, 1970. [1970.] vii+182 p. il. [Contains codification of documents of general applicability and future effect as of Jan. 1, 1970 with ancillaries.] * Paper, 75c. Item 572

 GS 4.108: 41/chap.19-100/970

- 5459 Title 46 [Shipping], pts. 146-149, revised as of Jan. 1, 1970. [1970.]
 vi+938 p. il. [Contains codification of documents of general applicability
 and future effect as of Jan. 1, 1970, with ancillaries.] * Paper, \$3.75.

 Item 572 GS 4.108: 46/pt.146-149/970
- Title 49 [Transportation], pts. 1-199, revised as of Jan. 1, 1970. [1970.]
 vi+890 p. il. [Contains codification of documents of general applicability and future effect as of Jan. 1, 1970, with ancillaries.] * Paper, \$3.75.
 Item 572
 GS 4.108: 49/pt.1-199/970
 - Public papers of President of United States: Lyndon B. Johnson, containing public messages, speeches, and statements of the President, 1968-69. Item 547-A
 - L.C. card 58-61050 GS 4.113: 968-69/bk. (nos.)
- 5461 bk. 1. Jan. 1-June 30, 1968; [editor Warren R. Reid, assisted by Dorothy G. Chance]. 1970. lxix+1-761+A-93 p. 1 col. por. large 8° * Cloth, \$10.50.
- 5462 bk. 2. July 1, 1968-Jan. 20, 1969; [editor Warren R. Reid, assisted by Dorothy G. Chance]. 1970. lxlii+[1]+763-1404+A-93 p. 1 por. large 8° * Cloth, \$9.50.

FEDERAL RESERVE SYSTEM BOARD OF GOVERNORS Washington, DC 20551

- Balance of payments program, revised guidelines for banks and nonbank financial institutions. [1970.] p. 11-22, 4° [Reprinted from Federal reserve bulletin, Jan. 1970.] † FR 1.3/a: B 182/2/970
- 5464 Monetary policy, interest rate ceilings, and access of State and local governments to capital markets, remarks by Andrew F. Brimmer, Member, Board of Governors of Federal Reserve System, before mid-year meeting of Maryland State Bar Association, Baltimore, Md., Feb. 6, 1970. 1970. [1]+24+[6] p. 4° † FR 1.23: B 77/52
- 5465 State member banks of Federal reserve system and nonmember banks that maintain clearing accounts with Federal reserve banks and corporations doing foreign banking or financing that maintain reserve accounts with Federal reserve banks, as of Dec. 31, 1969. [1]+18 p. 4° †
 L.C. card 54-34253 FR 1.11/5: 969

FEDERAL SUPPLY SERVICE, General Services Administration, Washington, DC 20405

5466 Federal specifications. • Item 563.GS 2.8:

NOTE.—These specifications are completely covered by the index of Federal specifications and standards. Individual specifications are not listed in the Monthly Catalog.

Index of Federal specifications and standards, January 1, 1970, with cumulative supplements as issued (GS2.8/2:970) is sold by the Superintendent of Documents on a subscription basis at \$3.50 a yr.; \$1.00 additional for foreign mailing.

Federal standards. Issued with perforations. • Item 563

GS 2.8/3:(nos.)

NOTE.—Federal standards may be purchased from the General Services Administration, Specifications Activity, Special Programs Division, Building 197, Naval Weapons Plant, Washington, DC 20407

All checks and money orders should be made payable to the Treasurer of the United States. Single copies are available without charge at the nearest GSA regional office.

264. Cups, paper and cups and lids, paper. Nov. 20, 1969. 5 p. 4° (FSC 7350.)

UU-C-806, issue in effect.] † Paper, 10c.

FEDERAL TRADE COMMISSION Washington, DC 20580

Consumer bulletin.

5468 4. Advice for persons who are considering investment in franchise business. [1970.] [1]+11 p. • Paper, 10c. • Item 533-A FT 1.3/2:4

*For Sale by Superintendent of Documents †Distribution Made by Issuing Office †Official Use. Not Available

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION, Interior Dept., Washington, DC 20242

- Progress evaluation meeting in matter of pollution of Lake Erie and its tributaries, (Indiana, Michigan, New York, Ohio, Pennsylvania), June 27, 1969, Cleveland, Ohio, proceedings: v. 1 [1969.] cover title, [1]+i+332 p. il. 1 map 4° † • Item 473-A-1 I 67.2: Er 4/969/v.1 L.C. card 78-606172
- -v. 2 [1969.] cover title, p. 333-552 4° † Item 473-A-1 5470 I 67.2: Er 4/969/v.2 L.C. card 78-606172

Water pollution control research series. ORD-5. Activated sludge treatment of chrome tannery wastes, pilot study of treating combined chrome tannery wastes and domestic sewage [with bibliography]; by A. C. Lawrence Leather Company, South Paris, Maine. Sept. 1969. xiv+174+[2] p. il. 4° (Grant WPRD 133-01-68, program12120.) *Paper, \$2.00. • Item 473-A-1 L.C. card 70-604334 5471

FOOD AND DRUG ADMINISTRATION, Health, Education, and Welfare Dept., Washington, DC 20201

- Pesticide analytical manual: v. 1, Methods which detect multiple residues, revised pages. Revised July 1969. [1969.] [105] p. il. 4° [Issued in looseleaf form.] ‡ FS 13.119: P 43/v.1/968/rev.pages
- Procedures for governing cooperative State-PHS program for certification 5473 of interstate milk shippers [as amended by 12th National Conference on Interstate Milk Shipments, May 29, 1969]. 1969 revision. 1969 [published 1970]. vii+21 p. ([Public Health Service publication 1046.]) [Includes list of other related Public Health Service publications of interest.] † • Item 478 HE 20.4006: M 59 L.C. card 75-606411
- Proceedings, conference on pediatric pharmacology, Washington, D.C., Feb. 19-21, 1967 [with list of references]. [1970.] vi+139 p. il. 4°
 * Paper, \$1.75. ■ Item 475
 L.C. card 76-606185

 HE 20.1202: P 34 5474

FOOD AND NUTRITION SERVICE, Agriculture Dept. Washington, DC 20250

NOTE.—The Food and Nutrition Service was established by Secretary of Agriculture's Memorandum no. 1659, Supplement 1, August 8, 1969.

A 98.9:(nos.) FNS (series). • Item 74-A-2

2. You can help fight hunger in America, donated foods, handbook for volunteers.
[Issued May 1969, slightly revised Act. 1969.] [1969.] 11 p. 4° [Formerly C&MS 76.] * Paper, 15c.

5. You & food stamps; Usted y estampillas para alimentos. Feb. 1970. [16] p. il.
oblong 32° [English and Spanish.] † 5476

5475

FOREIGN AGRICULTURAL SERVICE, Agriculture Dept. Washington, DC 20250

[Foreign Agricultural Service, miscellaneous] FAS-M (series). 214. Competition for world wheat markets and U.S. exports; [by Donald J. Novotny and James P. Rudbeck]. Feb. 1970. cover title, [2] +32 p. il. 4° 5477 A 67.26: 214

L.C. card 76-606351 FOREIGN BROADCAST INFORMATION SERVICE

5478 Broadcasting stations of the world [information corrected to] Sept 1, 1969: pt. 4, Television stations. [23d edition.] [1969.] cover title, [1] +iii+159+163 p. 4° [Errata, 1 p., issued also.] * Paper, \$2.50. • Item 856-B PrEx 7.9:969/pt.4 L.C. card 47-32798

> ΦFor Sale by Clearinghouse, U.S. Department of Commerce, Springfield, Va. 22151 Sent to Depository Libraries

FOREIGN CLAIMS SETTLEMENT COMMISSION Washington, DC 20579

5479 Text of titles 1 and 3 of International claims settlement act of 1949, as amended, Bulgarian claims agreement of July 2, 1963, Rumanian claims agreement of Mar. 30, 1960, regulations of Foreign Claims Settlement Commission applicable to claims of U.S. nationals against Governments of Bulgaria, Rumania and Italy under titles 1 and 3 of International claims settlement act of 1949, as amended, also regulations of Foreign Claims Settlement Commission pertaining to public notice of filing date for Bulgarian, Rumanian and Italian claims, press releases regarding filing of Bulgarian, Rumanian and Italian claims. Jan. 2, 1970. [1]+44 p. † • Item 1063-C L.C. card 75-606470 Y 3.F 76/3: 6 In 8/2

> FOREIGN DIRECT INVESTMENTS OFFICE, Commerce Dept. Washington, DC 20230

Note.—The Office of Foreign Direct Investments was established by Departmental Order 184 A on January 2, 1968, pursuant to the authority vested in the Secretary of Commerce by Executive Order 11387 of Jan. 1, 1968.

Foreign direct investment program and its relationship to U.S. balance of 5480 payments, remarks by Charles E. Fiero, Director, Office of Foreign Direct Investments at annual Tax Conference of Tax Foundation, Inc., New York City, Dec. 3, 1968. [1968.] 10 p. 4° †

FOREST SERVICE, Agriculture Dept. Washington, DC 20250

Designs for low-cost homes, house plan FS-FPL (series). • Item 84 A 13.2: H 75/3/FPL-(nos.)

- A 13.2: H 75/3/FPL-(nos.)

 1. Dec. 1969 [published 1970]. 9 sheets each 18 x 24 in. [Plan for rambler, 3 bedrooms, designed by L. O. Anderson, Issued in envelope.] *Paper, \$1.50 per set.

 2. Dec. 1969 [published 1970]. 9 sheets each 18 x 24 in. [Plan for one and half story home, 3 large bedrooms designed by L. O. Anderson, Issued in envelope.] *Paper, \$1.50 per set.

 3. Dec. 1969 [published 1970]. 8 sheets each 18 x 24 in. [Plan for rambler, 1 bedroom and spare room designed by L. O. Anderson, Issued in envelope.] *Paper, \$1.50 per set.

 4. Dec. 1969 [published 1970]. 9 sheets each 18 x 24 in. [Plan for two story home, 4 large bedrooms, designed by L. O. Anderson, Issued in envelope.] *Paper, \$1.50 per set.

 5. Dec. 1969 [published 1970]. 10 sheets each 18 x 24 in. [Plans for 2 bedroom rambler or expandable two story home designed by L. O. Anderson, Issued in envelope.] *Paper, \$1.75 per set. 5481
- 5482
- 5483
- 5484
- 5485
- 5486 Forest pest conditions in Pacific Northwest, 1969; by R. E. Dolph and L. F. Pettinger. Dec. 1969. [2]+10 p. il. 4° (Insect and Disease Control Branch, Division of Timber Management, Pacific Northwest Region.) † A 13.52/6:969

Forest pest leaflet.

- 32. Nursery diseases of southern pines; by Charles S. Hodges, jr., and John L. Ruehle. Revised Dec. 1969. [1969.] 8 p. il. ↑ Item 82-A 5487 A 13.52: 32/2
- Forest Service comments on resolutions relating to National Forest System 5488 as adopted in 1969 by American National Cattlemen's Association, National Wool Growers Association, and State livestock associations. Sept. A 13.2: N 21/22 1969. ii+25 p. 4° ‡
- Pulp and paper industry and Northwest [with bibliography; by] J. Alfred 5489 Hall. 1969. cover title, [4]+61 p. 4° (Pacific Northwest Forest and A 13.66/2: P 96/3 Range Experiment Station.)
- Research note FPL-(series). (Forest Products Laboratory, Madison, Wis.) FPL-0208 Uses for sawdust, shavings, and waste chips [with list of literature cited; by John M. Harkin]. Nov. 1969. cover title, 37+[9] p. 40 [Text on p. 2 of cover.] † A 13.79: FPL-0208 5490

*For Sale by Superintendent of Documents †Distribution Made by Issuing Office ‡Official Use. Not Available

St. Paul, Minn.)

Research note NC-(series). (North Central Forest Experiment Station, St. Paul, Minn.) † A 13.79: NC-(nos.)

	St. Paul, Minn.) †
5491	NC-81. Current status of prescribed burning in Lake States; [by Rodney W.
5492	St. Paul, Minn.) † NC-81. Current status of prescribed burning in Lake States; [by Rodney W. Sando]. [1969.] [2] p. 4° [Issued with perforations.] NC-82. Effect of watershed cover on overland flow from major storm in southwestern Wisconsin [with list of literature cited; by Richard S. Sartz]. [1969.] 4 p. 4° [Issued with perforations. Prepared in cooperation with Wisconsin Department of Natural Resources.] NC-83. Germination of several tree species in plastic greenhouses; [by Howard M.
	[1969.] 4 p. 4° [Issued with perforations. Prepared in cooperation with Wisconsin Department of Natural Resources.]
5493	NC-83 Germination of several tree species in plastic greenhouses; by Howard M.
5494	with Wisconsin Department of Natural Resources.] NC-83 Germination of several tree species in plastic greenhouses; [by Howard M. Phipps], [1969.] 2 p. il. 4° [Issued with perforations.] NC-84 Survival and growth of eastern red-cedar seed sources in southwestern Missouri [by Kenneth W. Seidel and Richard F. Watt], [1969.] 4 p. il. 4° [Issued with perforations. Prepared in coperation with Missouri Conservation Department.] NC-85 Relation of snowpack accumulation to red pine stocking; [with list of
	[Issued with perforations. Prepared in coperation with Missouri
5495	NC-85. Relation of snowpack accumulation to red pine stocking; [with list of literature cited, by Edward A. Hansen]. [1969.] 4 p. il. 4° [Issued with perforations.]
	Research note NE-(series). (Northeastern Forest Experiment Station,
	A 15. (9: NE-(1108.)
5496	NE-99. Specific gravity and wood moisture variation of white pine; [by
5497	NE-99. Specific gravity and wood moisture variation of white pine; [by Glenn L. Gammon]. 1969. 6 p. il. NE-102. Artificial rearing of 10 species of wood-boring insects [with list of literature cited; by Jimmy R. Galford]. 1969. 6 p.
5498	NE-103. Pine seedings respond to timing of the seed of
5499	NE-104. Distributing value gain from 3 growth factors for yellow-popular, [15] Roger E. McCay]. 1969. 8 p.
	Research note PNW-(series). (Pacific Northwest Forest and Range Ex-
	periment Station, Portland, Oreg.)
5500	PNW-105. Ripening and dispersal of bumper western hemlock-sitka spruce seed crop in southeast Alaska [with list of literature cited]; by A. S. Harris, May 1969, 11 p. il. 4° † A 13.79: PNW-105
	Research note PSW-(series). (Pacific Southwest Forest and Range Ex-
	periment Station, Berkeley, Calif.)
5501	PSW-194. Estimating past diameters of ponderosa pine in northern California; [by] Robert F. Powers. 1969, 3 p. il. 4° † A 13.79: PSW-194
	Research note RM-(series). (Rocky Mountain Forest and Range Experiment Station, Fort Collins, Colo.) † A 13.79: RM-(nos.)
5502	RM-154. Chemical control of Arizona 5-spined ips, ips lelcontei Sw. (Coleoptera: scolytidae); [with list of literature cited; by] H. Eugene Ostmark, 1969. 4 p. il. 4°
5503	RM-155. Nocturnal radiation loss estimates for forces canops (123)
5504	Bergen. 1969. 4 p. il. 4° PM-156 Alkali sacaton seedlings, germination and survival in agar and soil
5505	Rergen. 1969. 4 p. 11. 49 RM-156. Alkali sacaton seedlings, germination and survival in agar and soil medium; [by] Earl F. Aldon. 1969. 3 p. 49 RM-157. Board-foot volumes to 6-inch top for lodgepole pines in Colorado and RM-157. Board-foot volumes to 6-inch top for lodgepole pines in Colorado and RM-157. Board-foot volumes to 6-inch top for lodgepole pines in Colorado and RM-157. Board-foot volumes to 6-inch top for lodgepole pines in Colorado and RM-157. Board-foot volumes to 6-inch top for lodgepole pines in Colorado and RM-157. Board-foot volumes to 6-inch top for lodgepole pines in Colorado and RM-157. Board-foot volumes to 6-inch top for lodgepole pines in Colorado and RM-157. Board-foot volumes to 6-inch top for lodgepole pines in Colorado and RM-157. Board-foot volumes to 6-inch top for lodgepole pines in Colorado and RM-157. Board-foot volumes to 6-inch top for lodgepole pines in Colorado and RM-157. Board-foot volumes to 6-inch top for lodgepole pines in Colorado and RM-157. Board-foot volumes to 6-inch top for lodgepole pines in Colorado and RM-157. Board-foot volumes to 6-inch top for lodgepole pines in Colorado and RM-157. Board-foot volumes to 6-inch top for lodgepole pines in Colorado and RM-157. Board-foot volumes to 6-inch top for lodgepole pines in Colorado and RM-157. Board-foot volumes to 6-inch top for lodgepole pines in Colorado and RM-157. Board-foot volumes to 6-inch top for lodgepole pines in Colorado and RM-157. Board-foot volumes to 6-inch top for lodgepole pines in Colorado and RM-157. Board-foot volumes to 6-inch top for lodgepole pines in Colorado and RM-157. Board-foot volumes to 6-inch top for lodgepole pines in Colorado and RM-157. Board-foot volumes to 6-inch top for lodgepole pines in Colorado and RM-157. Board-foot volumes to 6-inch top for lodgepole pines in Colorado and RM-157. Board-foot volumes to 6-inch top for lodgepole pines in Colorado and RM-157. Board-foot volumes to 6-inch top for lodgepole pines in Colorado and RM-157. Board-foot volumes to 6-inch top for lodgepo
	Wyoming, [by] Children in Mayora Pro-
	Research paper FPL-(series). (Forest Products Laboratory, Madison, Wis.) † A 13.78; FPL-(nos.)
5506	FPL-117. Rail shear test for evaluating edgewise shear properties of woodbase
	FPL-117. Rail shear test for evaluating edgewise shear properties of woodbase panel products [with list of literature cited; by J. Dobbin McNatt]. Oct. 1969. cover title, 16 p. il. 4° [Text on p. 2 of cover. Accompanied by abstract cards.]
5507	FPL-124.
	FPL-124. Sapwood thickness of Douglas-fir and five other western softwoods [with list of literature cited; by L. E. Lassen and E. A. Okkonen]. Oct. 1960. cover title, 16 p. il. 4° [Text on p. 2 of cover. Accompanied by abstract cards.]
	Research paper NC-(series). (North Central Forest Experiment Station,
	Ct Doub Minn \ 4
5508	NC-31. Oak forests of Lake States and their management [with list of literature cited]; by John L. Arend and Harold F. Scholz. 1969. cover title, 36 p. il. [Text on p. 2 of cover Abstract cards inserted.] L.C. card 73-606152
	L.C. card 73-606152
5509	of literature cited]; by David W. Lime and Charles T. Cushwa. 1969. 8 p. il. 4° [Text on p. 2-3 of cover. Abstract cards inserted.]
5510	I.C. card 77-606153 NC-33. Standing timber coefficients for Indiana walnut log production; [by] James E. Blyth, Edwin Kallio, John C. Callahan. [1970.] 8 p. il. 4* [Text on p. 2-3 of cover. Abstract cards inserted.]
	[Text on p. 2-3 or cover. Abstract cards inserted.]
	For Sale by Clearinghouse II.S. Department of

Commerce, Springfield, Va. 22151

Sent to Depository Libraries

380-516-70-5

- Research paper NE-(series). (Northeastern Forest Experiment Station, A 13.78: NE-(nos.) Upper Darby, Pa.)
- 5511
- NE-140. Rate of value increase for yellow-popular and beech [with list of literature cited]; by Joseph J. Mendel, George R. Trimzle, jr. 1969. cover title, [1]+27 p. [Text on p. 2 of cover. Abstract cards inserted.]
 NE-143. Silvicultural guide for northern hardwoods in Northeast; by William B. Leak, Dale S. Solomon, Stanley M. Filip. 1969. cover title, [1]+34 p. il. [Text on p. 2 o fcover. Abstract cards inserted.]
 L.C. card 73-606179
- NE-145. Diameter growth of individual hardwood trees, effect of certain tree and environmental factors on growth of several species [with list of literature cited]; by G. R. Trimble, jr., 1969. cover title, [1]+25 [Text on p. 2 of cover. Abstract cards inserted.] 5513 L.C. card 79-606447
 - Research paper RM-(series). (Rocky Mountain Forest and Range Experiment Station, Fort Collins, Colo.) † A 13.78: RM-(nos.)
- RM-52. Nocturnal air temperature on forested mountain slope [with list of literature cited]; by James D. Bergen. 1969. [2]+12+[1] p. il. 4° L.C. card 79-605273 5514
- RM-53. Seedfall and establishment of Engelmann spruce in clearcut openings, case history; by Robert R. Alexander. 1969. [2]+8+[1] p. il. 4° L.C. card 70-606312 5515
- RM-54. Root competition between ponderosa pine seedlings and grass [with list of literature cited]; by M. M. Larson and Gilbert H. Schubert. 1969. [2]+12+[1] p. il. 4°
 L.C. card 78-606365 5516
 - Resource bulletin NC-(series). (North Central Forest Experiment Station, St. Paul, Minn.)
- NC-7. Indiana's timber; by John S. Spencer, jr. 1969. cover title, [2] +61 p. il. 4° [Text on p. 2-4 of cover. Abstract cards inserted.] †
 L.C. card 71-606437 A 13.80: NC-7 5517
 - Resource bulletin NE-(series). (Northeastern Forest Experiment Station, Upper Darby, Pa.)
- NE-14. Timber resources of Ohio Hill Country; by Paul S. DeBald and Roger E.

 McCay. 1969. cover title, [2]+75 p. il. [Text on p. 2 of cover. Accompanied by abstract cards.]

 L.C. card 72-606448

 A 13.80: NE-14 5518
 - Resource bulletin PSW-(series). (Pacific Southwest Forest and Range Experiment Station, Berkeley, Calif.)
- PSW-11. Plantation timber on Island of Maui, 1967; [by Wesley H. C. Wong, jr., Herbert L. Wick [and] Robert E. Nelson, 1969, [2] +42 p. il. 4° [Prepared in cooperation with Division of Forestry, Department of Land and Natural Resources, Honolulu, Hawaii. Text on p. 2 of cover Abstract cards inserted 1 department of the cover Abstract cards in the cover Abstract cards in the cover and the cover Abstract cards in the cover abstract cards in the cover abstract cards in the cover and the cover abstract cards in the cover abstract cards 5519 cover. Abstract cards inserted.] L.C. card 77-606441 A 13.80: PSW-11

GENERAL ACCOUNTING OFFICE Washington, DC 20548

- Report to Congress: Administration of Federal employees' group life insurance program by Civil Service Commission; by Comptroller General of United States. Feb. 3, 1970. cover title, [12] +85 p. 4° (B-125004.) † Paper, \$1.00. L.C. card 71-606086 GA 1.13: L 62/4
- 5521 ---- Administration of leased-housing program, Department of Housing and Urban Development; by Comptroller General of United States. Feb. 4, 1970. cover title, [1]+3+[2]+60 p. 4° (B-118718.) † Paper, \$1.00.
- L.C. card 77-606216 GA 1.13: H 81/46 5522 - Allowances for independent research and development costs in negotiated contracts, issues and alternatives, Department of Defense, National Aeronautics and Space Administration, Atomic Energy Commission; by Comptroller General of United States. (B-164912.) Feb. 16, 1970. † Paper, \$1.00.

GA 1.13: C 76/27

*For Sale by Superintendent of Documents †Distribution Made by Issuing Office ‡Official Use. Not Available

Page 50

L.C. card 70-606099

- Audit of Federal Crop Insurance Corporation, fiscal year 1969, Department of Agriculture; by Comptroller General of United States. Feb. 6, 1970. cover title [5] +25 p. 4° (B-114834.) † Paper, \$1.00. L.C. card 47-32369 GA 1.13: F 31/9/969
- --- Compilation of findings and recommendations for improving Government operations, fiscal year 1969; by Comptroller General of United States, Feb. 26, 1970. cover title, [12]+199 p. 4° (B-138162.) † Paper, \$1.00.

 L.C. card 73-606396 GA 1.13: G 74/2/969
- --- Construction of industrial facilities at Government-owned plants without disclosure to Congress, Department of Navy, Department of Air Force; by Comptroller General of United States. Jan. 21, 1970. cover title, [6] +40 p. il. 4° (B-140389.) † Paper, \$1.00. L.C. card 70-606016 GA 1.13: P 69/3
- 5528 Cost and balance-of-payments advantages of replacing foreign-made buses with American-made buses abroad, Department of Defense; by Comptroller General of United States. Feb. 5, 1970. cover title, [8]+56 p. 4° (B-163869.) † Paper, \$1.00.

 L.C. card 79-606096 GA 1.13: B 96/4
- Evaluation needed of cost-effectiveness of 4 more deep submergence rescue vehicles before purchase by Navy; by Comptroller General of United States. Feb. 20, 1970. cover title, [6]+31 p. il. 4° (B-167325.) † Paper, \$1.00.

 L.C card 77-606196 GA 1.13: R 31/14
- 5530 Illegal expenditure of funds for construction of research facilities by Air Force; by Comptroller General of United States. Feb. 4, 1970. cover title, [1]+2+[2]+28 p. il. 4° (B-165289.) † Paper, \$1.00.

 L.C. card 73-606215 GA 1.13: R 31/13
- --- Improvements needed in operation of Government-owned vessels in support of military activities in southeast Asia, Maritime Administration, Department of Commerce; by Comptroller General of United States. Feb. 24, 1970. cover title, [1]+2+[2]+37 p. 4° (B-118779.) † Paper, \$1.00.

 L.C. card 70-606197 GA 1.13: V 63/5
- --- Incentive provisions of Saturn V stage contracts, National Aeronautics and Space Administration; by Comptroller General of United States. Feb. 25, 1970. cover title, [7]+95 p. il. 4° (B-161366.) † Paper, \$1.00. L.C. card 70-606398 GA 1.13: Sa 8/3
- 5533 Opportunities for improving management of excess property transferred to Military Affiliate Radio System, Department of Defense; by Comptroller General of United States. Feb. 27, 1970. cover title, [8]+37 p. il. 4° (B-144239.) † Paper, \$1.00.

 L.C. card 74-606399 GA 1.13: Ex 2/2
- --- Questionable aspects concerning information presented to Congress on construction and operation of San Luis unit, Central Valley Project, Bureau of Reclamation, Department of Interior; by Comptroller General of United States. Feb. 12, 1970. cover title, [8]+36 p. il. 4° (B-125045.) † Paper, \$1.00.

 L.C. card 76-606098 GA 1.13: Sa 51

 ◆For Sale by Clearinghouse, U.S. Department of Commerce, Springfield, Va. 22151
 ◆Sent to Depository Libraries

5535 -Questionable payment of taxes to other governments on U.S. defense activities overseas, Department of Defense, Department of State; by Comptroller General of United States. Jan. 20, 1970. cover title, [9]+78 p. 4° (B-133267.) † Paper, \$1.00. L.C. card 78-606018 GA 1.13: T 19/5

5538 -Questions regarding mortgage loan insurance ceilings and land appraisals for large cooperative housing communities, Department of Housing and Urban Development; by Comptroller General of United States. Feb. 27, 1970, cover title, [8] +48 p. 4° (B-158910,) \$1.00

L.C. card 77-606097

Bulletins.

5539

• Item 620

GA 1.13: M 84/7

I 19.3: (nos.)

5537 -Status of acquisition of selected major weapon systems, Department of Defense; by Comptroller General of United States. Feb. 6, 1970. cover title, [1]+3+[4]+39 p. il. 4° (B-163058.) † Paper, \$1.00. L.C. card 72-606097 GA 1.13: W 37/9

GENERAL SERVICES ADMINISTRATION Washington, DC 20405

5538 Prepare with care, how to prepare Government mail. [1970.] [2]+12+ [2] p. il. [Issued jointly by General Services Administration and Post Office Department.] * Paper, 10c. • Item 559-B GS 1.6/6: M 28

GEOLOGICAL SURVEY, Interior Dept. Washington, DC 20242

3 sulletins.

Item 620

Item 620 5540 5541 5542 5543

5544 district indicate possibility of valuable placer deposits of fitanium minerals. Contributions to economic geology.] • Paper, 55c.

Circulars. + • Item 620-A

I 19.4/2: (nos.)

5545 601-B. Urban sprawl and flooding in southern California; by S. E. Rantz. 1970. vii + 11 p. il. 40 [Water in urban environment.]

601-C. Flood-hazard mapping in metropolitan Chicago [with list of selected references]; by John R. Shaeffer, Davis W. Ellis, and Andrew M. Spieker. 1970. v+14 p. il. 4° [Water in urban environment.]

625. Gold content of water, plants, and animals [with list of references cited]; by Robert S. Jones, 1970. ili+15 p. 4°.

L.C. card 79-606238 5547

> *For Sale by Superintendent of Documents †Distribution Made by Issuing Office ‡Official Use. Not Available

Page 52

5546

	Professi	onal papers. • Item 624 1 19.16:(nos.)
5548	529-I	Atlantic Continental shelf and slope of United States, shallow structure [with list of references cited]; by Elazar Uchupi. 1970. iv+44 p. il. 1 pl. in pocket 4° [Description of subsurface morphology of shelf and slope (continental terrace) and some speculations on evolution of sedimentary framework of terrace.] * Paper. \$1.00.
5549	588.	Sectimentary framework of terrace.] **Paper, \$1.00.* Geology and ore deposits of Picher Field, Okia, and Kans. [with list of references cited]; by Edwin T. McKnight and Richard P. Fischer, 1970, v-165 p. il. 4° [Discussion of one of world's great mining fields, its geology, mining history, and potential, Issued in portfolio with 11 plates. Some plates are colored.] **Paper, \$7.25.
5550	613–D.	Ferns from Chinle Formation (Upper Triassic) in Fort Wingate area, N. Mex. [with list of selected references]; by Sidney R. Ash. 1969. iv+52+[2] p. il. 5 pl. 4° [Revision of 5 late Triassic ferns and review of previous paleobotanical investigations in Triassic formations of Southwest. Contributions to paleontology.] * Paper, \$1.00. L.C. card 71-606402
5551	624.	Geology and coal resources of Cumberland, Hobart, and Maple Valley quadrangles, King County, Washington [with list of references]; by James D. Vine. 1960, iv+67 p. il. 4 pl. in pocket, 4° [Prepared in cooperation with Washington Division of Mines and Geology. One plate is colored.] *Paper, \$2.00. L.C. card 76-602415
5552	626.	Geology and mineral deposits of Poncha Springs NE quadrangle Chaffee County, Colo. [with list of references cited], by Ralph E. Van Alstine, with section of Fluorspar mines and prospects, by Ralph E. Van Alstine and Doak C. Cox. 1969. iv+52 p. il. 6 pl. in pocket 4° [Prepared in cooperation with Colorado State Mining Industrial Development Board. Some plates are colored.] * Paper, \$2.75. L.C. card 70-602625
5553	627-B.	Effects of urban development on direct runoff to East Meadow Brook. Nassau County, Long Island, N.Y. [with list of references cited]; by G. E. Seaburn. 1969, iti+14 p. il. 1 pl. in pocket 4° [Prepared in cooperation with New York State Department of Conservation, Division of Water Resources, Nassau County Department of Public Works, Suffolk County Board of Supervisors, and Suffolk County Water Authority. Hydrology and some effects of urbanization on Long Island, N.Y.] * Paper, 70c. L.C. card 72-606405
5554	631.	Analysis of 24-year photographic record of Nisqually Glacier, Mount Rainier National Park, Wash. [with list of references]; by Fred M. Veatch. [1969.] iv +52 p. il. 1 pl. in pocket, 4° [Contribution to International Hydrological Decade.] * Paper, \$1.25. L.C. card 71-602805
5555	640-B.	Larger foraminifera of late Eocene age from Eua, Tonga [with list of references cited]; by W. Storrs Cole. 1970. vii+17+[2] p. il. 5 pl. 4° [Study of eight species characteristics of upper Eocene (Tertlary b)

stage. Late Eocene fossils from Eua, Tonga.] * Paper, 55c L.C. card 78-606444

641-A. Physiographic, stratigraphic and structural development of Quadrilátero Ferrífero, Minas Gerais, Brazil [with list of references]; by John Van N. Dorr, 2d. 1969, v+110 p. il. 4° [Prepared in cooperation with Departmento Nacional da Produção Mineral of Brazil under auspices 5556 of Agency for International Development of State. Regional geology of Quadrilátero Ferrifero, Minas Gerais, Brazil. Issued in portfolio with 12 plates. Some plates are colored.] * Paper, \$8.25. 12 plates. Some plates are colored.] L.C. card 71-606461

643-B. Nonmarine ostracodes of Early Cretaceous age from Pine Valley quadrangle, Nev. [with list of references cited]; by I. G. Sohn. 1969. lii+9+[5] p. il. 2 pl. 4° [Descriptions of 2 new nonmarine ostracode species of Aptian age. Contributions to paleontology.] * Paper, 35c. L.C. card 78-606401 5557

643-D. Some Jurassic ammonites from central Saudi Arabia [with list of references cited]; by Ralph W. Imlay. 1970. iii+[4] p. il. 4 pl. 4° [Prepared in cooperation with Saudi Arabia Ministry of Petroleum and 5558 Mineral Resources and U.S. National Museum, under sponsorship of Kingdom of Saudia Arabia and U.S Department of State. Descriptions and illustrations of some stratigraphically useful ammonites from Saudi Arabia, Contributions to paleontology.] L.C. card 75-606403 * Paper, 15c.

662-A. Hydraulies of overland flow on hillslopes [with list of references]; by William W. Emmett. 1970. iv+68 p. il. 4° [Dynamic and descriptive studies of hillslopes] * Paper, 75c. 5559 L.C. card 75-606462

Magnetic fields for 4 x 6 prismatic model [with list of references cited]; by Gordon E. Andreasen and Isidore Zietz. 1969. iii+9 p. 210 p. of pl. 4° [Collection of 825 contoured magnetic fields for 4 x 6 (depth units) prismatic model for various thicknesses, directions of polarization, and inclinations of earth's field. Issued with portfolio.] * Paper, \$4.25. 5560 666. L.C. card 70-650232

> ΦFor Sale by Clearinghouse, U.S. Department of Commerce, Springfield, Va. 22151 •Sent to Depository Libraries

Professional papers-Continued

- 680-A. Deep drilling on Midway Atoll [with list of references cited]; by Harry S. Ladd, Joshua I. Tracy, jr., and M. Grant Gross. 1970. [2]+tit+22 p. il. 1 pl. in pocket 4° [2 cores recovered from reef cap and basaltic foundation establish tertiary section for Hawaiian Islands. Geology of Midway area, Hawaiian Islands. One illustration is colored.] * Paper, 5561 L.C. card 79-606404
- Reports for California by Geological Survey, Water Resources Division; compiled by J. S. Bader and Fred Kunkel. Menlo Park, Calif., 1969. v+95 p. 4° (Water Resources Division.) † 5569 L.C. card 78-606629 I 19.2: C 12/3
- Water resources data for California, 1968: pt. 1, Surface water records, v. 1. Colorado River Basin, southern Great Basin and Pacific Slope Basin excluding Central Valley, 1969, xviii+498 p. il. 4° (Water Resources Division.) [Prepared in cooperation with California Department of Water Resources and with other agencies.] † District Chief, Water Resources Division, U.S. Geological Survey, 855 Oak Grove Ave., Menlo Park, CA 94025 L.C. card 68-60769 I 19.53/2: C 12/968/pt.1/v.1

Water-supply papers. • Item 625

I 19.13: (nos.)

- 1798-G. Sedimentation in Plum Creek subwatershed No. 4, Shelby County, north-central Kentucky [with list of references]; by Peter W. Anttla. 1970, iv+54 p. il. 1 pl. in pocket. [Prepared in cooperation with Department of Agriculture, Soil Conservation Service. Sedimentation in small drainage basins.] * Paper, \$1.00.

 1875. Correlative estimates of streamflow in upper Colorado River basin [with list of references]; by L. E. Carroon. 1970, v+145 p. il. 1 pl. in pocket. * Paper, \$1.25.
 L.C. card 78-603714 5564
- 5565
- 5566
- L.C. card 78-603714

 1899-I. Streamflow from United States into Atlantic Ocean during 1931-60 [with list of references]; by Conrad D. Bue. 1970. iv+36 p. il. [Contributions to hydrology of United States.] * Paper, 25c.

 Quality of surface waters of United States, 1964; pts. 12-15, Pacific slope basins in Washington and upper Columbia River basin to Alaska [with list of literature cited; prepared by personnel of Water Resources Division]. 1970. xiii+428 p. il. [Prepared in cooperation with Alaska, Idaho, Montana, Oregon, and Washington, Bureau of Reclamation, and with other agencies.] * Paper, \$2.00.

 L.C. card GS-43-68 5567

GOVERNMENT PRINTING OFFICE Washington, DC 20401

- 5568 GPO standard ink book. [1969.] cover title, [230] p. il. 4° [Except for first 2 pages, book consists entirely of illustrations of ink colors.] * Stiffboard, \$6.00. • Item 548 L.C. card 75-606044 GP 1.2: In 5/2/969
- 5569 How to do business with GPO, guide for contractors. [1970.] cover title, iii+16 p. * Paper, 20c. ● Item 548 GP 1.23/4: B 96/970

GREAT LAKES BASIN COMMISSION 220 E. Huron St., Ann Arbor, MI 48108

Note .- The Great Lakes Basin Commission was established by Executive order 11345, Apr. 20, 1967.

5570 Great Lakes institutions, survey of institutions concerned with water and related resources in Great Lakes basin [with list of informational sources]. June 1969. vi+58 p. 4° [Prepared in cooperation with Great Lakes Panel of Committee on Multiple Use of Coastal Zone, National Council on Marine Resources and Engineering Development.] * Paper, 60c. • Item 1063-G L.C. card 70-605847 Y 3.G 9/3: 2 In 7

> *For Sale by Superintendent of Documents †Distribution Made by Issuing Office ‡Official Use. Not Available

HEALTH, EDUCATION, AND WELFARE DEPARTMENT Washington, DC 20201

NOTE. - See Notice on page 1.

- 5571 Department of Health, Education, and Welfare telephone directory, winter 1969-70. [1970.] cover title, xvi+168 p. il. 4° [Text and other illustrations on p. 2-4 of cover.] * Paper, \$1.50. HE 1.28: 969-70
- 5572 Mental retardation activities of Department of Health, Education, and Welfare, Jan. 1970. xii+76+[3] p. 4° (Secretary's Committee on Mental Retardation.) * Paper, \$1.00. Item 445-G
 L.C. card 62-61602 HE 1.23/5:970
- Volunteers in education, materials for volunteer programs and the volunteer [with bibliography]. [Mar. 1970.] cover title, [6]+161 p. 4 ([Office of Assistant Secretary (Education), Office of Citizen Participation.])

 [Issued in looseleaf form.] † Item 445 HE 1.2: V 88

HEALTH PROFESSIONS EDUCATION AND MANPOWER TRAINING BUREAU, Health, Education, and Welfare Dept. Bethesda, MD 20014

Note .- See Notice on page 1.

- 5574 Construction grants for schools of nursing. [Revised 1969.] [1969.] cover title, 8 p. il. ([Public Health Service publication 1154-5; Division of Nursing.]) † Item 507-D-1 HE 20.3102: N 93/6
- 5575 Guide for repayment, deferment, and cancellation of nursing student loans.

 [Dec. 1969, published 1970.] [6] p. narow 8° (Student Loan and Scholarship Branch.) † Item 507–D–3 HE 20.3108: St 9/2 Health manpower source book.
- 5576 sec. 2. Nursing personnel; prepared by [Eugene Levine and Helen H. Hudson],
 Division of Nursing, Revised 1969. [1969.] vi+144 p. il. 4° * Paper,
 \$1.50. Item 507-D-2
 L.C. card 52-61801 HE 20.3109: 2
- 5577 Health professions student loan program, career information. [Revised Apr. 1969.] [1969.] [8] p. il. oblong 32° ([Public Health Service publication 1347; Division of Health Manpower, Educational Services, Student Loan and Scholarship Branch.]) [One illustration is colored.] †

 Item 507-D-1

 HE 20.3102: St9
- 5578 Institutional grants for schools of nursing. [Revised 1969.] [1969.] cover title, 8 p. il. ([Division of Nursing.]) [Text on p. 2 of cover.] † Item 507-D-1 HE 20.3102: N 93
- 5579 Nurse training, Health manpower act of 1968, Public law 90–490, title 2, continuation and expansion of Nurse training act of 1964. [Revised 1969.] [1969.] cover title, [1]+17 p. il. ([Public Health Service publication 1154; Division of Nursing.]) ↑ Item 507–D-1

 HE 20.3102: N 93/2
- 5580 Nurses in public health [Jan. 1968], with list of references cited [prepared by Doris E. Roberts, Virginia Saba, and Henrietta Allen.] [Revised 1969.] [1969.] vii+78 p. il. 4° ([Public Health Service publication 785]; Division of Nursing.) [Prepared in coperation with Association of State and Territorial Directors of Nursing.] *Paper, 75c. Item 493-C
 L.C. card 54-60037 HE 20.3110:968
- Nursing, scholarship program, career information. [Apr. 1969.] [6] p. il. oblong 32° ([Public Health Service publication 1951; Division of Health Manpower, Educational Services, Student Loan and Scholarship Branch.]) [Illustration is colored.] † Item 507-D-1 HE 20.3102: Sch 6
- Nursing scholarships and nursing student loans, information for schools. [Revised 1969.] [1969.] cover title, 12 p. il. ([Public Health Service publication 1154-4; Division of Nursing.]) † Item 507-D-1 HE 20.3102: N 93/5

 ◆For Sale by Clearinghouse, U.S. Department of Commerce, Springfield, Va. 22151
 ◆Sent to Depository Libraries

- Professional nurse traineeships. [Revised 1969.] [1969.] cover title, 11 p. il. ([Public Health Service publication 1154-1; Division of Nursing.]) †

 Item 507-D-1 HE 20.3102: N 93/3
- Public health trainceship program, trainceship grants for short term training, (sec. 306, PHS act). Revised Jan. 1970. [1970.] [3]+13 p. ([NN-4.]) [Title on cover is: Trainceship grants, short-term training under Public health traineeship program.] † Item 507-D-1 HE 20.3102: T 68/2
- Short-term training courses under professional nurse traineeship program, supplement B. Revised Jan. 1970. [1970.] [2]+8 p. ([Public Health Service publication 1154-1; Division of Nursing.]) † Item 507-D-1 HE 20.3102: N 93/3/supp.B
- 5586 Special project grants for improvement in nurse training. [Revised 1969.] [1969.] cover title, 8 p. il. ([Public Health Service publication 1154-2; Division of Nursing.] † Item 507-D-1 HE 20.3102: N 93/4

HEALTH SERVICES AND MENTAL HEALTH ADMINISTRATION, Health, Education, and Welfare Dept. Bethesda, MD 20014

Note. - See Notice on page 1.

- 5587 California student health project, summer 1968, Department of Pediatrics, Los Angeles County-University of Southern California Medical Center [with bibliography]; by Tess Weiner. [1969.] x+84 p. il. 4° [Supported in full by Division of Regional Medical Programs, contract no. 48-68-1532, and Social and Rehabilitation Service, grant no. 53-5132-5437, and Rosenberg Foundation.] † Item 483-L-1 HE 20.2602: C 12/968
- Philadelphia student health project, [summer] 1968; [edited by Jon Snodgrass, Karen Lynch, and Paul Frame]. [1969.] vi+133 p. 4° (Division of Regional Medical Programs.) [Project supported in full by contract no. 43-68-1533.]) † Item 483-L-1 HE 20.2602: P 53/968
- 5589 Student health project of greater New York, summer 1968. [1969.] viii+
 155 p. 4° (Division of Regional Medical Programs.) [Project supported
 in full by contract 43-68-1515. Sponsors: Albert Einstein College of
 Medicine of Yeshiva University, Montefiore Hospital and Medical Center.] † Item 483-L-1 HE 20.2602: N 42y/968

HOUSING AND URBAN DEVELOPMENT DEPARTMENT Washington, DC 20410

- 5590 Address by Harold B. Finger, Assistant Secretary for Research and Technology, Department of Housing and Urban Development to 75th anniversary of College of Engineering and 25th anniversary of Glenn L. Martin Institute of Technology, University of Maryland, College Park. Md., Feb. 6, 1970. 1970. 17 p. 4° † HH 1.7: F 49/3
- 5591 Address prepared for delivery by George Romney, Secretary, Department of Housing and Urban Development, to 131st annual dinner meeting of Greater Cincinnati Chamber of Commerce, Cincinnati, Ohio, Feb. 5, 1970. 1970. [1]+14 p. † HH 1.7: R 66/16
- Address prepared for delivery by Malcolm E. Peabody, jr., Deputy Assistant Secretary for Equal Opportunity, Department of Housing and Urban Development to New England Conference, National Association of Housing and Redevelopment Officials, Boston, Mass., Feb. 10, 1970. 1970. [1]+10 p. 4° † HH 1.7: P 31/2
- 5593 Address prepared for delivery by Richard C. Van Dusen, Under Secretary, Department of Housing and Urban Development, before Grand Rapids Junior Chamber of Commerce, Grand Rapids, Mich., Feb. 12, 1970. 1970. [1]+17 p. 4° † HH 1.7; V 28/9

- Address prepared for delivery by Richard C. Van Dusen, Under Secretary. 5594 Department of Housing and Urban Development before Painting and Decorating Contractors of America, New Orleans, La., Feb. 16, 1970. HH 1.7: V 28/10 1970. [1]+18 p. 4° Address prepared for delivery by Samuel C. Jackson, Assistant Secretary for Metropolitan Planning and Development, Department of Housing and Urban Development, before National Farm Institute, Des Moines, Iowa, Feb. 13, 1970. 1970. [1]+13 p. 4° † HH 1.7: J 12/4 Homeownership for lower-income families. [Nov. 1969, published 1970.] HH 1.2: H 75/4 8 p. il. narrow 8° ([HUD-36-F.]) † ● Item 582 HUD guide. FHAG 4200.7. Mobile home court development guide. Jan. 1970. [2] leaves+ ii+51 p. 4° [Issued with perforations, Supersedes FHA 2424, minimum property standards for mobile home courts.]

 *Paper, 60c. • Item 582-E HH 1.6/7: FHAG 4200.7 minimum property standard * Paper, 60c. • Item 582-E HH 1.6/6: (letters-nos.) HUD handbooks. 5598 RHA 7217.1. Urban renewal transmittal. Feb. 2, 1970. [4] p. 4° [Issued with perforations. Includes Transmittal notice 46.] * Paper, \$14.00 (including basic manual and supplementary material for indefinite period); \$4.00 additional for foreign mailing. • Item 582-E RHA 7218.1. 5599 Urban renewal handbook transmittal. [Feb. 4, 1970.] [11] p. 4° [Issued with perforations. Includes transmittal notice 47.] * Paper, \$14.00 (including basic manual and supplementary materials for indefinite period); \$4.00 additional for foreign mailing. • Item 582-E 5600 RHA 7410.1. Low-rent housing preconstruction handbook transmittal. [Jan. 14, 1970.] [8] p. 4° [Issued with perforations. Includes transmittal notice 5.] † 5601 RHA 7560.1. Low-rent housing financing handb ok transmittal. [Jan. 12, 1970.] [2] leaves, 4° [Issued with perforations. Includes transmittal notice 2.] † 5602 RHM 7200.1-7218.1. Urban renewal handbook transmittal. [Feb. 10, 1970.] [611 p. 4° [Issued with perforations. Includes transmittal notices 48-49. * Paper, \$14.00 (including basic manual and supplementary material for indefinite period); \$4.00 additional for foreign mailing. • Item 582-E 5603 RHM 7214.1. Urban renewal handbook transmittal [Feb. 12, 1970]. [5] p. 4° [Issued in looseleaf form. Includes transmittal notice 51.] * Paper \$14.00 (including basic manual and supplementary material for an indefinite period); \$4.00 additional for foreign mailing. ● Item 582-E Interstate land sales can be risky. [Jan. 1970.] [6] p. il. narrow 8° 5604 ([HUD-15-F.]) † ● Item 582 HH 1.2: In 88 Need for community involvement in career development program, address 5605 by Samuel J. Simmons, Assistant Secretary for Equal Opportunity, Department of Housing and Urban Development, Career Development Conference, Annapolis, Md., Feb. 6, 1970. 1970. [1]+11 leaves, 4°
- 5607 Office of small town services. [Dec. 1969.] [6] p. narrow 8° ([HUD-65-MD.]) † Item 582 HII 1.2: T 66
- 5608 Remarks by Samuel C. Jackson, Assistant Secretary for Metropolitan Planning and Development, Department of Housing and Urban Development, before National Telephone Cooperative Association, New Orleans, La., Feb. 6, 1970. 1970. [1]+12 p. 4° † HH 1.7: J 12/5
- Remarks by Samuel J. Simmons, Assistant Secretary for Equal Opportunity, Department of Housing and Urban Development, before Dearborn Real Estate Board, Chicago, Ill., Feb. 12, 1970. 1970. [1]+9 p. 4° † HH 1.7: Si 4/7

HH 1.7: Si 4/8

- Remarks prepared for delivery by Floyd H. Hyde, Assistant Secretary for Model Cities, Department of Housing and Urban Development, Environmental Conference, University of Redlands, Redlands, Calif., Feb. 14, 1970. 1970. [1]+8 p. 4° HH 1.7: H 99/7
- 5611 Survey of FHA-assisted nursing homes, 1969. [Dec. 1969.] [3]+57 p. 4° (HUD-65-F.) † ● Item 582 L.C. card 70-606379 HH 1.2: N 93

INTERIOR DEPARTMENT Washington, DC 20240

Note.—Requests to the Interior Department for publications should give the full title and the date of the publication. Do not include Monthly Catalog entry numbers or Superintendent of Documents classification numbers, which should be used only when ordering from the Superintendent of Documents.

- Missouri River Basin progress, semiannual report, [fiscal year] 1970. [1970.] cover title, [1]+85 p. il. 1 pl. 4° ([Interior Missouri Basin 5612 Field Committee.]) [For administrative purposes.] I 1.80:970
 - [Saline water] research and development progress report. (Office of ● Item 604-A-1 I 1.88:(nos.) Saline Water.)
- 5613
- Saine Water.) Item 604—A-I
 11.88:(nos.)
 440. 6th annual report, Freeport Test Facility, Freeport, Tex. [with list of references]; by Stearns-Roger, Denver, Colo. Oct. 1969. vi+138 p. il. 4° (Contract 14-01-001-218.) *Paper, \$1.75.
 466. Determination of surface and colloidal conditions which can lead to high salt rejection reverse osmosis polymer membranes [with list of references]; by Wayne J. Subcasky and Gilbert Segovia, Philco-Ford Corporation, Newport Beach, Calif. Oct. 1969. x+135 p. il. 4° (Contract 14-01-0001-1317.) *Paper, \$1.25.
 492. Pilot plant tests and design study of a 2.5 MGD horizontal-tube multiple-effect plant [with list of references]; by Universal Desalting Corporation, New York, N.Y. Oct. 1969. [viii+148 p. il. 4° (Contract 14-01-0001-1707.) *Paper, \$2.25.
 494. Secondary nucleation of ice in suspension of crystals in turbulent, cylindrical 5614
- 5615
- 494. Secondary nucleation of ice in suspension of crystals in turbulent, cylindrical couette flow [with lists of literature cited]; by Joseph Estrin, Clarkson College of Technology, Potsdam, N.Y. Jan. 1970. ii + 75 p. ii. 4° (Grant 14-01-0001-971.) * Paper, 70c. 5616
- 5617
- 5618
- 14-01-0001-971.) * Paper, 70c.

 500. Kinetics of ice nucleation from water and electrolyte solutions [with list of literature cited; by George R. Wood and Alan G. Walton, Case Western Reserve University, Cleveland, Ohio. Nov. 1969. ix+171 p. il. 4° (Grant 14-01-0001-1275.) * Paper, \$1.50.

 501. Freezing process studies [with bibliographies]; by D. J. Fontugne [and others], Syracuse University, Syracuse, N.Y. Dec. 1969. iii+89 p. il. 4° (Grant 14-01-0001-1135.) * Paper, \$1.00.

 503. Development of analytical model of flash stage, pt. 2 [with list of references]; by Charles H. Coogan, jr. [and others]. School of Engineering. University of Connecticut, Storrs, Conn. Dec. 1969 [published 1970.] iii +112 p. il. 4° (Contract 14-01-0001-1240, Apr. 18, 1968-Aug. 15, 1969.) * Paper, \$1.00.

 504. Diffusion in ternary aqueous saline solutions [with list of references]; by 5619
- 504. Diffusion in ternary aqueous saline solutions [with list of references]; by Richard P. Wendt, Mohammed Shamim, Loyola University, New Orleans, La. Dec. 1969 [published 1970]. v+67 p. il. 4° (Grant 14-01-0001-1303.) 5620 * Paper, 65c.
- 5621
- La. Dec. 1969 [published 1970]. v+67 p. il. 4° (Grant 14-01-0001-1303.)

 * Paper, 65c.

 505. Research on porous glass membranes for reverse osmosis [with list of references]: by F. E. Littman and G. A. Guter, McDonnell Douglas Astronautics Company, Western Division, Newport Beach, Calif. [1970.]

 viii+52 p. il. 4° (Contract 14-01-0001-2110.) * Paper, 60c.

 507. Study of oriented cellulose membranes for reverse osmosis and relationship between morphology and salt rejection [with lists of references]; by James K. Smith, Frederick Morton, and Elias Klein, Gulf South Research Institute, New Orleans, La. Feb. 1970. vii+99 p. il. 4° (Contract 14-01-0001-1271.) * Paper, \$1.00.

 508. Separations processes [with bibliographies]; by James S. Johnson, jr., and K. A. Kraus, Oak Ridge National Laboratory, Oak Ridge, Tenn. Feb. 1970. v+225 p. il. 4° (Agreement 14-01-0001-937.) * Paper, \$1.75.

 511. Evaporative freezing process for water desalination [with list of references]; by H. M. Curran and C. P. Howard, Catholic University of America, Washington, D.C. Feb. 1970. viii+95 p. il. 4° (Contract 14-01-0001-1266.) * Paper, \$1.00.

 512. Survey of materials behavior in multi-stage flash distillation plants [with list of references]; by E. H. Newton and J. D. Birkett, Arthur D. Little, Inc., Cambridge, Mass. Dec. 1969. [1970.] vii+88 p. il. 4° (Contract 14-01-0001-956.) * Paper, \$1.00.

 515. Influence of high molecular weight additives on flashing process, screening study; by A. E. Dukler and R. F. Castle, Houston Research Institute, Inc., Houston, Tex. Apr. 1967. iii+21 p. il. 4° (Contract 14-01-0001-530.) * Paper, 35c. 5622
- 5623
- 5624
- 5625
- 5626 Houston, Te * Paper, 35c.

516. Electrosorb process for desalting water [with list of references]; by Allan M.
Johnson [and others], Marquardt Company, CCI Aerospace Corporation,
Van Nuys, Calif. Mar. 1970. iii+31 p. il. 4° (Contract 14-01-0001-1444.)

Paper, 40c.

519. Preliminary community and regional regional regions and regional regions. 5627

519. Preliminary community and regional water supply data in support of desaiting plant projections [with list of sources of information]; by W. L. Patterson and H. J. Lobb, Black & Veatch Consulting Engineers, Kansas City, Mo. Apr. 1970. [272] p. il. 4° * Paper, \$2.50.

L.C. card 75-606446 5628

521. Tracer study of prescaling deposition of scale forming compounds on controlled surfaces [with list of references]; by Howard L. Recht. Mar. 1970. ii+34 p. il. 4° (Contract 14-01-0001-1681.) * Paper, 40c. 5629

ii+34 p. il. 4° (Contract 14-01-0001-1681.) *Paper, 40c.

523. Study of specific influence of dissolved ions on structure of water [with list 5630 of references]; by J. Greyson, H. Snell, Rocketdyne Division, North American Rockwell, Canoga Park, Calif. Jan. 1970. v+32 p. il. 4° (Contract 14-01-0001-1701.) * Paper, 45c.

Universal design, 2.5 million gallon per day universal desalting plant; by Burns and Roe, Inc., Oradell, N.J. June 1969. (Contract 14-01-0001-955; [Office of Saline Water.]) * Fabrikoid, \$8.50 per set of 5 vols. • Item 603.

L.C. card 75-606079

5631

v. 1. Report on design [with list of references]. v+193 p. il. 4° v. 2. User's manual, pt. 1. [110] p. il. 4° v. 3. User's manual, pt. 2. [1]+144 p. il. 72 pl. 4° v. 4. Bidding specification. [1]+v+101 p. 4° v. 5. Technical specification. [1]+ii+276 p. il. 4°

INTERNAL REVENUE SERVICE, Treasury Dept. Washington, DC 20224

- Adjustments to income for sick pay. [1969.] 12 p. il. 4° (Publication 522 5632 (10-69).) * Paper, \$11.25 per hundred; single copy, 15c. ● Item T 22.44/2: 522/2 964-B
- Appeal rights and claims for refund. [1969.] 4 p. il. 4° (Publication 556 5633 (10-69).) * Paper, \$7.50 per 100; single copy, 10c. • Item 964-B T 22.44/2: 556/2
- Begin your professional career, internal revenue aide, for 2-year college 5634 graduates. [1969.] [8] p. il. oblong 48° ([Publication 690 (12-69).]) T 22.2: C 18/6 • Item 956
- Community property and Federal income tax. [1969.] 7 p. 4° (Publication 555 (10-69).) *Paper, \$7.50 per hundred; single copy, 10c. Item T 22.44/2: 555/2 5635 964-B
- Computing your tax under averaging method. [1969.] 15 p. 4° (Publica-5636 on patring your tax under averaging income: [150] 150 per 100; single copy, 15c. ■ Item 964-B T 22.44/2:506/2 964-B
- Condemnations of private property for public use. [1969.] 19 p. 4° (Publi-5637 cation 549 (10-69).) * Paper, \$15.00 per hundred; single copy, 20c. T 22.44/2:549/2 • Item 964-B
- Corporations and Federal income tax. [1969.] 22 p. 4° (Publication 542 (10-69).) * Paper, \$15.00 per hundred; single copy, 20c. ● Item T 22.44/2: 542/2 964-B
- redit sales by dealers in personal property. [1969.] 8 p. 4° (Publication 512 (10-69).) * Paper, \$7.50 per hundred; single copy, 10c. Item T 22.44/2:512/2 Credit sales by dealers in personal property. [1969.] 8 p. 4° 5639
- Deduction for medical and dental expenses. [1969.] 8 p. 4° (Publication 5640 502 (10-69).) *Paper, \$7.50 per hundred; single copy, 10c. ● Item T 22.44/2:502/2 964-B
- Depreciation, investment credit, amortization, depletion. [1969.] 10 p. 4° 5641 (Publication 534 (10-69).) * Paper, \$15.00 per hundred; single copy, T 22.44/2: 534/2 20c. • Item 964-B
- Federal tax guide for survivors, executors, and administrators. [1969.] 5642 22 p. 4° (Publication 559 (10-69).) *Paper, \$15.00 per hundred; single copy. 20c. • Item 964-B single copy, 20c. • Item 964-B

ΦFor Sale by Clearinghouse, U.S. Department of Commerce, Springfield, Va. 22151 Sent to Depository Libraries

I 1.2: Un 3/v.1-5

- Foreign scholars and educational and cultural exchange visitors. [1969.] 34 p. 4° (Publication 518 (10-69).) *Paper, \$22.50 per hundred; single copy, 30c. Item 964-B T 22.44/2:518/2
- Foreign tax credit for U.S. citizens and resident aliens. [1969.] 14 p. 4° (Publication 514 (10-69).) *Paper, \$11.25 per hundred; single copy. 15c. Item 964-B T 22.44/2: 514/2
- 5645 How to apply for exemption for an organization. [1969.] 20 p. 4° (Publication 557 (10-69).) * Paper, \$15.00 per hundred; single copy, 20c.

 Item 964-B T 22.44/2:557/2
- 5646 Income tax deduction for taxes. [1969.] 8 p. 4° (Publication 546 (10-69).)

 * Paper, \$7.50 per hundred; single copy, 10c. Item 964-B

 T 22.44/2: 546/2
- 5647 Information on excise taxes for 1970. [1969.] 11 p. 4° (Publication 510 (10-69).) *Paper, \$11.25 per hundred; single copy, 15c. Item 964-B T 22.44/2: 510/2
- 5648 Information on filing your tax return. [1969.] 12 p. 4° (Publication 528 (10-69).) * Paper, \$11.25 per hundred; single copy, 15c. Item 964-B T 22.44/2: 528/2
- 5649 Information on self-employment tax. [1969.] 8 p. il. 4° (Publication 533 (10–69).) * Paper, \$7.50 per hundred; single copy, 10c. Item 964–B T 22.44/2: 533/2
- 5650 Installment and deferred-payment sales. [1969.] 14 p. 4° (Publication 537 (10-69).) * Paper, \$11.25 per hundred; single copy, 15c. Item 964-B T 22.44/2: 537/2
- Looseleaf regulations system: Service 1, Income tax, transmittal 3. Jan. 30, 1970. [3] leaves 4° Item 961. T 22.19/3: 1/rep.969/trans.3
- Service 1, Income tax, transmittal 4. Feb. 27, 1970. [8] p. 4° Item
 961

 T 22.19/3: 1/rep.969/trans.4

 Note.—Service 1 consists of pts. 1, 2, 15, and 16 of title 26 of Code of Federal

Note.—Service 1 consists of pts. 1, 2, 15, and 16 of title 26 of Code of Federal regulations. It is sold on a subscription basis by the Superintendent of Documents, \$27.00 (including basic material and supplements issued for an indefinite period); \$7.00 additional for foreign mailing.

- Service 4, Excise taxes, transmittal 59. Feb. 6, 1970. [43] p. 4°

 Item 961

 **T 22.19/3: 4/rep.969/trans.59

 **Note.*—Service 4 consists of pts. 40-42, 44-50, and 146-150, 152, of title 26 of Code of Federal regulations. It is sold on a subscription basis by the Superintendent of Documents, \$8.00 (including the basic material and supplements issued irregularly from approximately 3 years); \$3.00 additional for foreign mailing.
- 5654 Losses from operating a business. [1969.] 7 p. 4° (Publication 536 (10–69).) * Paper, \$7.50 per hundred; single copy, 10c. Item 964-B

 T 22.44/2: 536/2
- Moving expenses, tax information for employees and employer. [1969.]
 4 p. 4° (Publication 521 (10-69).) * Paper, \$7.50 per hundred; single copy, 10c. Item 964-B

 T 22.44/2: 521/2
- 5656 Other miscellaneous deductions. [1969.] 7 p. 4° (Publication 529 (10-69).)

 * Paper, \$7.50 per hundred; single copy, 10c. Item 964-B

 T 22.44/2:529/2
- 5657 Past is prologue [qualifying you for challenging position with IRS]. [1969.]
 [2] p. 4°, folded into oblong 48° † Item 956 T 22.2: P 94/5
- 5658 Questions and answers on retirement plans for self-employed. [1969.] 8 p. 4°
 (Publication 566 (10-69).) * Paper, \$7.50 per hundred; single copy,
 10c. Item 964-B

 T 22.44/2:566/2
- 5659 Recordkeeping requirements and guide to tax publications; [with list of publications]. [1969.] 4 p. 4° (Publication 552 (10-69).) * Paper, \$7.50 per hundred; single copy, 10c. Item 964-B T 22.44/2:552/2

*For Sale by Superintendent of Documents †Distribution Made by Issuing Office ‡Official Use. Not Available

Page 60

- 8660 Rental income and royalty income. [1969.] 4 p. 4° (Publication 527 (10-69).) * Paper, \$7.50 per hundred; single copy, 10c. Item 964-B T 22.44/2: 527/2
- 5661 Reporting your tips for Federal tax purposes. [1969.] 4 p. il. 4° (Publication 531 (10-69).) * Paper, \$7.50 per hundred; single copy, 10c.

 Item 964-B
- Retirement income and retirement income credit. [1969.] 12 p. 4° (Publication 524 (10-69).) * Paper, \$11.25 per hundred; single copy, 15c.

 Item 964-B
- Retirement plans for self-employed individuals. [1969.] 15 p. 4° (Publication 560 (10-69).) * Paper, \$11.25 per hundred; single copy, 15c.

 Tem 964-B

 Tem 964-B
- 5664 Sales and exchanges of assets. [1969.] 23 p. 4° (Publication 544 (10-69).) * Paper, \$15.00 per hundred; single copy, 20c. Item 964-B T 22.44/2: 544/2
- Sales and other dispositions of depreciable property. [1969.] 11 p. 4° (Publication 511 (10-69).) * Paper, \$11.25 per hundred; single copy, 15c. Item 964-B
- 5667 Tax benefits for older Americans. [1969.] 18 p. 4° (Pt.olication 554 (10-69).) * Paper, \$15.00 per hundred; single copy, 20c. Item 964-B T 22.44/2:554/2
- 5668 Tax calendar and check list for 1970. [1969.] 12 p. 4° (Publication 509 10–69).) * Paper, \$11.25 per hundred; single copy, 15c. Item 964-B
- 5669 Tax guide for U.S. citizens employed in U.S. possessions. [1969.] 14 p. il. 4° (Publication 570 (10-69).) * Paper, \$11.25 per hundred; single copy, 15c. Item 964-B
- Tax information for American scholars abroad. [1969.] 7 p. 4° (Publication 520 (10-69).) * Paper, \$7.50 per hundred; single copy, 10c. Item 964-B
- 5671 Tax information for sponsors of contests and sporting events. [1969.] 4 p. il. 4° (Publication 558 (10-69).) *Paper, \$7.50 per hundred; single copy, 10c. Item 964-B T 22.44/2:558/2
- 5672 Tax information for students and parents. [1969.] 7 p. 4° (Publication 532 (10-69).) *Paper, \$7.50 per hundred; single copy, 10c. Item 964-B T 22.44/2: 532/2
- Tax information for U.S. Government civilian employees stationed abroad. [1969.] 6 p. 4° (Publication 516 (10-69).) * Paper, \$7.50 per hundred; single copy, 10c. Item 964-B
- 5674 Tax information on accounting periods and methods. [1969.] 10 p. 4° (Publication 538 (10-69).) * Paper, \$11.25 per hundred; single copy, 15c. Item 964-B T 22.44/2: 638/2
- 5675 Tax information on business expenses. [1969.] 20 p. 4° (Publication 535 [10-69].) * Paper, \$15.00 per 100; single copy 20c. Item 964-B T 22.44/2: 535/2
- 5676 Tax information on cost or other basis of assets. [1969.] 8 p. 4° (Publication 551 (10-69).) * Paper, \$7.50 per hundred; single copy, 10c.

 Item 964-B

 T 22.44/2: 551/2
- 5677 Tax information on deduction for bad debts. [1969.] 8 p. 4° (Publication 548 (10-69).) * Paper, \$7.50 per hundred; single copy, 10c. Item 964-B T 22.44/2: 548/2

- 5678 Tax information on deductions for homeowners. [1969.] 8 p. 4° (Publication 530 (10-69).) * Paper, \$7.50 per hundred; single copy, 10c.

 Item 964-B T 22.44/2: 530/2
- 5679 Tax information on disasters, casualty losses, and thefts. [1969.] 16 p. 4° (Publication 547 (10-69).) * Paper, \$11.25 per hundred; single copy, 15c. Item 964-B T 22.44/2: 547/2
- 5680 Tax information on educational expenses. [1969.] 4 p. 4° (Publication 508 (10−69).) * Paper, \$7.50 per hundred; single copy, 10c. Item 964−B T 22.44/2: 508/2
- 5681 Tax information on interest equalization tax. [1969.] 22 p. 4° Publication 565 (5-69).) * Paper, \$15.00 per hundred; single copy, 20c.

 Item 964-B T 22.44/2:565
- 5682 Tax information on investment income and expenses. [1969.] 22 p. 4°
 (Publication 550 (10-69).) * Paper, \$15.00 per hundred; single copy,
 20c. Item 964-B T 22.44/2: 550/2
- 5683 Tax information on mutual fund distributions. [1969.] 12 p. 4° (Publication 564 (10-69).) * Paper, \$11.25 per hundred; single copy, 15c.

 Item 964-B T 22.44/2: 564/2
- 5684 Tax information on partnership income and losses. [1969.] 11 p. il. 4° (Publication 541 (10-69).) * Paper, \$11.25 per hundred; single copy, 15c. Item 964-B T 22.44/2: 541/2
- 5685 Tax information on repairs, replacements, and improvements. [1969.]
 4 p. 4° (Publication 540 (10-69).) * Paper, \$7.50 per hundred; single copy, 10c. Item 964-B

 T 22.44/2:540/2
- 5686 Tax information on sale of business. [1969.] 4 p. 4° (Publication 543 (10–69).) * Paper, \$7.50 per hundred; single copy, 10c. Item 964-B T 22.44/2: 543/2
- Tax information on scholarships and fellowships. [1969.] 4 p. 4° (Publication 507 (10–69).) * Paper, \$7.50 per hundred; single copy, 10c. • Item 964-B T 22.44/2:507/2
- 5688 Tax information on selling your home. [1969.] 11 p. il. 4° (Publication 523 (10-69).) * Paper, \$11.25 per hundred; single copy, 15c. Item 964-B T 22.44/2: 523/2
- 5690 Tax withholding and declaration of estimated tax. [1969.] 8 p. 4° (Publication 505 (10-69).) * Paper, \$7.50 per hundred; single copy, 10c.

 Item 964-B T 22.44/2; 505/2
- 5691 Taxable income and nontaxable income. [1969.] 16 p. 4° (Publication 525 (10-69).) * Paper, \$11.25 per hundred; single copy, 15c. Item 964-B T 22.44/2: 525/2
 - Title 26, Code of Federal regulations, pt.
- 5692 245. Beer. Revised as of Nov. 1, 1969. [1969.] cover title, 49 p. (Publication 166, rev. 11-69.) * Paper, 30c. Item 961 T 22.17/3:245/4
- 5693 United States tax guide for aliens. [1969.] 36 p. il. 4° (Publication 519 (10-69).) *Paper, \$22.50 per hundred; single copy, 35c. (Incorrectly printed as 30c. on publication). Item 964-B T 22.44/2:519/2
- 5694 Valuation of donated property. [1969.] 15 p. 4° (Publication 561 (10−69).)

 * Paper, \$11.25 per hundred; single copy, 15c. Item 964-B

 T 22.44/2: 561/2
- 5695 Withholding of tax on nonresident aliens and foreign corporations. [1969.]
 12 p. 4° (Publication 515 (10-69).) *Paper, \$11.25 per hundred;
 single copy, 15c. Item 964-B T 22.44/2:515/2

- Withholding taxes from your employee's wages. [1969.] 11 p. 4° (Publi-5696 cation 539 (10-69).) * Paper, \$11.25 per hundred; single copy, 15c. T 22.44/2: 539/2 • Item 964-B
- Your exemptions and exemptions for dependents. [1969.] 8 p. 4° (Publica-5697 tion 501 (10-69).) * Paper, \$7.50 per hundred; single copy, 10c T 22.44/2:501/2 • Item 964-B

INTERNATIONAL COMMERCE BUREAU, Commerce Dept. Washington, DC 20230

- Denial and probation orders currently affecting export privileges, Jan. 29, 1970. 31 p. 4° (Office of Export Control.) [Reprint of supp. 1 to pt. 5698 C 42.11/a: Ex 75/3/970 388 of Export control regulations.] †
- Foreign business practices, reprints of articles from International Com-5699 merce. Revised Jan. 1970. [1970.] 63 p. il. 4° (Office of Commercial and Financial Policy, Foreign Business Practices Division.) * Paper, 50c. C 42.8/a: F 761/970
 - Foreign economic trends and their implications for United States, ET (series). * Paper, \$15.00 a yr., \$6.00 additional for foreign mailing. C 42.30:(nos.) ● Item 231-I
- 5700

- 69-123. Saudi Arabia. Oct. 15, 1969. 10 p. il. 4° (American Embassy, Jidda.) [Semi-annual.]
 69-144. [Semi-annual.]
 69-144. [Semi-annual.]
 69-144. [Semi-annual.]
 69-146. [Ireland. Nov. 14, 1969. 10 p. il. 4° [Annual.]
 69-147. [Iceland. Dec. 9, 1969. 8 p. 4° [Annual.]
 69-148. Kenya Dec. 1969. 12 p. il. 4° [Annual.]
 69-149. Argentina. Dec. 17, 1969. 10 p. il. 4° [Semi-annual.]
 70-1. [Semi-annual.]
 70-2. [Semi-annual.]
 Gemi-annual.]
 Gemi-annual.]
 Gemi-annual.]
 Gemi-annual.]
 Gemi-annual.]
 Gemi-annual.]
 Gemi-annual.]
 Gemi-annual.]
 Gemi-annual.]
 Gemi-annual.] 5702 5703 5704 5705 5706 5707
- Ghana. Dec. 31, 1969. 10 p. il. 4° (American Embassy, Ghana.) [Semi-70 - 2.5708
- annual.] Japan. Dec. 15, 1969. 12 p. 4° [Semi-annual.] (American Embassy, Tokyo.) 5709 70-3.
- Norway. Dec. 30, 1969. 10+[1] p. il. 4° [Semi-annual.] Niger. Jan. 13, 1970. 6+[1] p. il. 4° (American Embassy Niamey.) [Annual.] 5710 70-4. 70-5.
- Surinam. Dec. 31, 1969. 15 p. il. 4º (American Consulate, Paramaribo.) 70-6. 5712
- [Annual. Sweden. Feb. 1, 1970. 12 p. 4° (American Embassy, Stockholm.) [Semi-5713 70-7. annual.
 - International marketing information service: Country market survey.
- 5714
- New look at export credit guarantees, insurance, comprehensive Eximbank 5715 and FCIA programs support administration's \$50 billion export goal; [by Dallas M. Coors]. [1970.] 6 p. 4° [Reprint from International C 42.8/a: Ex 75/9 commerce, Nov. 24, 1969.]
- 5716 Report by E. E. Schnellbacher, Assistant Director, Bureau of International Commerce, on combination export manager program, prepared for delivery to Overseas Sales & Marketing Association, Chicago, Ill., Feb. 19, 1970. 1970. 5 p. 4° † C42.18: Sch 5/30
- 5717 1970 world holidays listed, guide for business travel. [1970.] 27 p. il. narrow 8° [Reprinted from International commerce.] * Paper, 20c. C 42.8/a: H 717/2/970

INTERNATIONAL DEVELOPMENT AGENCY, State Dept. Washington, DC 20523

Operations report, fy 1969, data as of June 30, 1969. [Jan. 1970.] v+138 p. 5718 oblong 8° (W-129; Statistics and Reports Division, Office of Program S 18.16: 969 and Policy Coordination.) ‡

> ΦFor Sale by Clearinghouse, U.S. Department of Commerce, Springfield, Va. 22151 •Sent to Depository Libraries

INTERSTATE COMMERCE COMMISSION Washington, DC 20423

- 5719 83d annual report of Interstate Commerce Commission, fiscal year June 30, 1969 [with list of publications], 1969, vii+162 p. il. 2 pl. [Also issued as H. doc. 237, 91st Cong., 2d sess.] * Paper, \$1.00 • Item 673 L.C. card 4-18123 IC 1.1:969
- 5720 Transport statistics in United States, [82d annual report on] transport statistics for year ended Dec. 31, 1968; [prepared by] Bureau of Accounts. Issued in sections and parts, punched for binders. [This 1968 report when completed will consist of pts. 1, 5, 6, 7, 8, and 9.]
 - pt. 1. [Railroads, their lessors, and proprietary companies, Pullman Company, Railway Express Agency, Inc. and electric railways, release 2.] [1970.] [184] p. 4° * Paper, \$1.50. Item 699 IC 1.25: 968/pt.1/release 2

JOINT CHIEFS OF STAFF, Defense Dept. Washington, DC 20301

5721 National security management, correspondence course, information booklet, 1970, Industrial College of Armed Forces. [1970.] cover title, i+22 p. † ● Item 315-A D 5.13: N 21 s/4/970

JOINT PUBLICATIONS RESEARCH SERVICE Washington, DC 20443

Note.—Titles of JPRS serial reports listed below were issued during the month, but were not cataloged separately. Φ (Price upon application).

- Communist Chinese scientific abstracts, nos. 34-38; JPRS 49680, 49766, 49805, 5722 - 149945, 49999.
- 5722 2
- 4945, 4999. East European scientific abstracts: Bi medical science, nos 172-177; JPRS 49659, 49721, 49797, 49824, 49930, 50008. East European scientific abstracts: Chemistry, nos. 118-119; JPRS 49857, 50018. East European scientific abstracts: Cybernetics, computers, and automation technology, nos. 55-56; JPRS 49799, 50023. 5722 - 35722 - 4
- 5722 5European scientific abstracts: Earth sciences, nos, 83-84; JPRS 49856,
- 50022 5722 - 6
- East European scientific abstracts; Electronics and electrical enigneering, nos. 63-64; JPRS 49798, 50021.

 East European scientific abstracts: Engineering and equipment, no. 62; JPRS 5722 - 749800.
- 5722 8East European scientific abstracts: Materials science and metallurgy, no. 42; JPRS 49801.
- 5722 9East European scientific abstracts: Physics and mathematics, no. 108; JPRS 49802
- 5722-10 Epidemiology reports from the world press, no. 29; JPRS 49871

- 5722-10 Epidemiology reports from the world press, no. 29; JPRS 498871
 5722-11 Herald of communications, v. 29, nos. 11-12, 1969; JPRS 49869, 49947.
 5722-12 Index of Le Monde, nos. 109-110: JPRS 49689, 49932.
 5722-13 Meteorology and hydrology, USSR, n°s. 11-12, 1969; JPRS 49628, 49732.
 5722-14 Soviet public health, USSR, v. 28, nos. 10-11, 1969; JPRS 49818, 49829.
 5722-15 Space biology and medicine, v. 3, no. 6, 1969; JPRS 49928.
 5722-16 Translations from Kommunist, nos. 17-18 (1969), 1-2 (1970); JPRS 49679, 49744, 49907, 49985
 5722-17 Translations on Africa, nos. 851-873; JPRS 49626, 49635, 49655, 49670, 49686, 49696, 49705, 49724, 49741, 49761, 49769, 49806, 49840, 49854, 49866, 49877, 49993, 49920, 49935, 49950, 49954, 50005, 50017.
 5722-18 Translations on Communist China, nos. 87-92; JPRS 49642, 49725, 49822, 49826, 49899, 50012.
- 49903, 49920, 49935, 49950, 49954, 50005, 50017.

 5722-18 Translations on Communist China, nos. 87-92; JPRS 49642, 49725, 49822, 49826, 49899, 50012.

 5722-19 Translations on Eastern Europe: Economic and industrial affairs, nos. 236-262; JPRS 49631, 49639, 49648, 49671, 49688, 49691, 49716, 49720, 49735, 49743, 49759, 49770, 49788, 49804, 49842, 49851, 49873, 49905, 49906, 49931, 49941, 49944, 49977, 49984, 49989, 50003, 50007.

 5722-20 Translations on Eastern Europe: Political, sociological, and military affairs, nos. 173-191; JPRS 49615, 49638, 49654, 49666, 49676, 49702, 49723, 49760, 49793, 49815, 49848, 49881, 49904, 49918, 49929, 49942, 49978, 49994, 50011.

 5722-21 Translations on Eastern Europe: Scientific affairs, nos. 91-103; JPRS 49627, 49664, 49687, 49709, 49726, 49764, 49780, 49796, 49883, 49908, 49940, 49981, 50011.
- 50013
- 5722-22 Translations on Latin America, nos. 277-304; JPRS 49625 49632, 49640, 49647, 49672, 49682, 49699, 49706, 49749, 49765, 49774, 49792, 49803, 49810, 49817, 49828, 49837, 49853, 49865, 49875, 49900, 49916, 49927, 49949, 49958, 49988, 50004, 50019.
- 5722-23 Translations on Mongolla, nos. 215-216; JPRS 49773, 49993.
 5722-24 Translations on Near East, nos. 417-435; JPRS 49618, 49621, 49656, 49681, 49685, 49692, 49719, 49768, 49813, 49838, 49862, 49870, 49892, 49919, 49936, 49943, 49960, 49974, 49997

5722-25 Translations on North Korea, nos. 143-149; JPRS 49677, 49789, 49820, 49902, 49972, 49975, 49992.

5722-26 Translations on North Vietnam, nos. 658-691; JPRS 49612, 49613, 49614, 49634, 49657, 49669, 49684, 49695, 49701, 49717, 49718, 49736, 49737, 49747, 49779, 49785, 49808, 49809, 49887, 49974, 49887, 49925, 49926, 49952, 49968, 49971, 49087, 50001, 50028.

5722-27 Translations on south and east Asia, nos. 243-247; JPRS 49697, 49794, 49868, 49887, 49938 49887, 49938.

5722-28 Translations on USSR agriculture, nos. 362-373; JPRS 49624, 49646, 49651, 49763, 49781, 49843, 49861, 49886, 49923, 49946, 49991, 50024.

5722-29 Translations on USSR economic affairs, nos. 85-95; JPRS 49623, 49633, 49673, 4984, 49882, 49901, 49911, 49939, 49956, 49966, 50014.

5722-30 Translations on USSR industrial affairs, nos. 36-45; JPRS 49650, 49693, 49727, 49758, 49833, 49847, 49852, 49885, 49915, 49969.

5722-31 Translations on USSR military affairs, nos. 577-590; JPRS 49649, 49674, 49748, 49750, 49767, 49782, 49790, 49830, 49855, 49874, 49893, 49922, 49933, 50015.

5722-32 Translations on USSR political and sociological affairs nos, 48-61; JPRS 49625, 49663, 49708, 49746, 49756, 49795, 49825, 49836, 49876, 4986, 49924, 49956. 49983, 50000

5722-33 Translations on USSR resources, nos. 62-71; JPRS 49641, 49722, 49783, 49814. 49887, 49938 5722-33 Translations on USSR resources, nos. 62-71; JPRS 49641, 49722, 49783, 49814, 49850, 49914, 49962, 49967, 50002, 50016.

5722-34 Translations on USSR trade and services, nos. 78-92; JPRS 49617, 49630, 49690, 49740, 49757, 49816, 49821, 49880, 49909, 49921, 49955, 49970, 49990, 50016 50010 5722-35 Translations on Western Europe, nos. 98-113; JPRS 49637, 49643, 49665, 49694, 49704, 49733, 49772, 49786, 49819, 49841, 49872, 49884, 49891, 49913, 49976, 49982. 5722-36 USA: Economics, politics, ideology, v. 1, no. 1; JPRS 49934.
5722-37 USSR Scientific abstracts: Bio-medical science, nos. 81-82; JPRS 49771, 49948.
5722-38 USSR scientific abstracts: Chemistry, nos. 81-82; JPRS 49662, 49898.
5722-39 USSR scientific abstracts: Cybernetics, computers, and automation technology, nos. 85-86; JPRS 49616, 49845.
5722-40 USSR scientific abstracts: Electronics and electrical engineering, no 115; JPRS 49660. 5722-41 USSR scientific abstracts: Materials science and metallurgy, nos. 69-70; JPRS 49661, 49863.
5722-42 USSR scientific abstracts: Physics and mathematics, no. 203; JPRS 49700, 5722-43 Vestnik of the USSR Academy of Medical Sciences, nos. 11-12, 1969; JPRS 49620, 49791. 5722-44 Vestnik of USSR Academy of Sciences, v. 39, nos. 11-12, 1969; JPRS 49738, 49953. Y 3.J 66: 13/(nos.) JPRS (series). Great radiobursts of the sun, USSR [excerpts, with bibliography]; by N. P. Tsimakhovich. Jan. 14, 1970. cover title, a+137 p. il. 4° [From 5723 49611. Bol'shiye radiovspleski sointsa. Zinatne Publishing Office, 1968.] φ Paper, \$3.00.

Principles of socialist monetary circulation, USSR [excerpt, includes lists of references in footnotes]; by Z. V. Atlas. Jan. 15, 1970. cover title, 57 p. 1l. 4° [From Sotsialisticheskaya denezhnaya sistema. Moscow, Finansy Publishing House, 1969.] φ Paper, \$3.00.

Work of All-Union Botanical Society between 3d and 4th delegates; congresses (1964–66), USSR; by T. K. Gordeyeva. Jan. 16, 1970. cover title, 77 p. 4° [From Botanicheskiy zhurnal, v. 54, no. 9, 1969, Includes list of publications of All-Union Botanical Society, 1964–69.] φ Paper, \$3.00.

Computer technology in physiology and medicine, USSR [with bibliographies]; by Ye. B. Babskiy, et al. Jan. 19, 1970. cover title, a–d +1-94 a, 95–129 a, 130–257 p. il. 4° [Nauka Publishing House, 1968.] φ Paper, \$3.00.

Problem of objective foundation of bionics, USSR; by S. N. Smirnov. Φ Paper, \$3.00. 5724 49619. 5725 49629. 5726 49636. Jan. 20, 1970. cover title, 15 p. 4° [From Voprosy filosofi, no. 11, Moscow, 1969.] Φ Paper, \$3.00. 49644. Problem Electrical equipment of electric power stations and transformer substations [excerpts]; by M. I. Slavnin. Jan. 20, 1970, cover title, c+127 p. 11. 4° [Moscow, 1963. Some pages issued as leaves.] 5728 49645. c+127 р. il. Ф Рарег, \$3.00. Finitely converging algorithms for solution of denumerable systems of inequalities and their application in problems of adaptive system synthesis, I'SSR; by V. A. Yakubovich. Jan. 20, 1970. cover title, 7 p. 4° [From Doklady Akademii Nauk SSR, v. 189, no. 3, 1969.] 49652. 5729 7 р. 4° [Fro Ф Paper, \$3.00 Effect of serotinin and antiserotinin preparations on development of early stages of mice embryos cultivated in vitro [with bibliography]; by B. V. Leonov, et al. Jan. 20, 1970, cover title, 4 leaves it. 4° [From Doklady Akademii Nauk SSSR, Moscow, v. 188, no. 4, 1969.] • Paper, 49653. 5730 \$3.00. Scientific education and educational establishments [articles]. Jan. 21, 5731 49658. 1970, cover title, a+15 p. 4° [From Pravda and other publications.]

> ◆For Sale by Clearinghouse, U.S. Department of Commerce, Springfield, Va. 22151
> ◆Sent to Depository Libraries

Φ Paper, \$3.00.

	TDDC /	olar Manual
5732	JPRS (se 49667.	ries)—Continued Biomechanical systems discussed, explained, USSR. Jan. 22, 1970. cover
5733	49668.	title, 4 p. 4° [From Urania, East Berlin, Dec. 1969.] Paper, \$5.00. Scientific center for study of dolphins created, USSR: by S. Tsikora.
		Jan. 22, 1970. cover title, 4 p. 4° [From Izvestiya, Moscow, Dec. 26, 1969.] • Paper, \$3.00.
5734	49675.	V. I. Lenin and gnoseological principles of scientific prognosis, USSR. Jan. 23, 1970. cover title, 17 p. 4° [From Voprosy filosofii, no. 11, Moscow, 1969.] ♦ Paper, \$3.00.
5735	49678.	Measurement equipment for aerial electrical prospecting using natural electromagnetic fields method. USSR [with bibliography]; by V. D. Gel'fand, et al. Jan. 23, 1970. cover title. 10 p. il. 4° [From Geofizicheskaya apparatura, no. 39, Moscow, 1969.] Φ Paper, \$3.00.
5736	49683.	Investigation of induction devices for detecting underground communications, USSR [with bibliography]; by V. F. Bakhmutskiy. Jan. 23, 1970. cover title, 11 p. 11, 4° [From Othor i peredacha informatsi, collected works, no. 17, Kiev, 1968.]
5737	49698.	Jan. 27, 1970. cover title, 12 p. 4° [From Morskoy sbornik, no. 12, Moscow, 1969.] Φ Paper, \$3.00.
5738	49703.	Man among automata, USSR [excerpts]; by S. Ivanov. Jan. 28, 1970. cover title, a-b+59 p. 4° [Moscow, Znaniye Publishing House, 1969.] Φ Paper. \$3.00.
5739	49707.	Academy of Sciences, Ukranian SSR, 1969 [complete translation]; by V. V. Nemoshkalenko, et al. Jan. 28, 1970. cover title, b+204 p. il. 4° [Naukova Dumka Publishing House, Kiev, 1969.] Φ Paper, \$3.00.
5740	49710.	Modeling of the psyche, USSR: [excerpts]; by A. N. Bratko. Jan. 29, 1970. cover title, a+118 p. 11. 4° [From Modelirovaniye Psikhiki, 1969 1 d. Paper 83 00
5741	49711.	Meeting at Academy of Agricultural Sciences, USSR. Jan. 29, 1870. cover title, 12 p. 40 [From Vestnik Sel'skokhozyaystvennoy Nauki, no. 8, 1969] 6 Paper \$2.00
5742	49712.	Ferrite circulators, USSR: by B. Patchezerov. Jan. 29, 1970. covertitle, 5 p. il. 4° [From Tekhnika i vooruzheniye, no. 11, Nov. 1969.] Paner. \$3.00.
5743	49713.	Meetings of Soviet geographical societies [selected articles]. Jan. 29, 1970. cover title, a+13 p. 4° [From Izvestiya Akademii Nauk SSSR, seriya geograficheskaya, no. 5, 1969.] φ Paper, \$3.00.
5744	49714.	Profile of Soviet endocrinologist L. M. Gol'ber, Jan. 29, 1970. cover title, 2 leaves, 4° [From Problemy endokrinologis, no. 5, 1969.]
5745	49715.	Work of Orenburg Medical Institute, USSR; by A. D. Shaykov, et al. Jan. 29, 1970. cover title, 8 p. 4° [From Zdravochraneniye Rossleykov Federskii no. 11, 1969] Paper, \$3.00.
5746	49728.	Some mathematical models of spread of droplet infections in closed collective, USSR [with bibliography]; by L. V. Arkharov, et al. Feb. 2, 1970. cover title, 10 p. 4° [From Zhurnal mikrobiologii, epidemiologii i immunobiologii, no. 11, 1969.] \(\phi \) Paper, \$3.00.
5747	49729.	Lenin days of Tadzhik science in Moscow. Feb. 2, 1970, cover title, a+9 p. 4° [Selections from Kommunist tadzhikistana, Dec. 2 and 10, 1969 1, depart \$3.00
5748	49730.	On forecasting systems, USSR; by V.A. Lisichkin, Feb. 2, 1970. cover title, a-b+56 p. il. 4° \$\Phi\$ Paper, \$3.00.
5749	49731.	On forecasting systems, USSR; by V.A. Lisichkin. Feb. 2, 1970. cover title, a-b+56 p. il. 4° \$\Paper\$, \$3.00. Progress made in Latvian and Estonian science [articles]. Feb. 2, 1970, cover title, a+12 p. 4° [From Sovetskaya Estoniya, Nov. 14, 1969 and Sovetskaya Latviya, Nov. 25, 1969.] \$\Paper\$, \$3.00.
5750		1970. cover title, a-p+1-322 p. 4° [Moscow Statistika Publishing House.] Φ Paper, \$3.00.
5751		USSR national economy in 1967, statistical yearbook, pt. 2. Jan. 30, 1970, cover title, $a-x+323-668$ p. 4° [Moscow, Statistika Publishing House.] Φ Paper, \$3.00.
5752	49734-3.	USSR national economy in 1967, statistical yearbook, pt. 3, Jan. 30, 1970, cover title, a-q+669-990 p. 4° [Moscow Statistika Publishing House.] Φ Paper, \$3.00.
5753	49742.	Draft of new-public health legislation and comments on it, USSR. Feb. 3, 1970. cover title, a-b+76 p. 4° \$\Phi\$ Paper, \$3.00.
5754	49745.	Problems in physics of reactor shielding, USSR [articles, with bibliographies]; by D. I. Broder, et al. Feb. 3, 1970, cover title, a-b+210 p. il. 4° [From Voprosy fiziki zashcity reaktorov, 1969.] 4 Paper, \$3.00.
5755	49751.	Method for improving effectiveness of pneumatic hypothermic devices and craniocerebral cooling apparatus, USSR [with bibliography]; by O. A. Smirnov, Feb. 4, 1970. cover title, 7 p. il. 4° [From Meditsinskaya tekhnika, v. 3, no. 5, 1969.] Φ Paper, \$3.00.
5756	49752.	Accumulator with photo-electronic selection, USSR; [with bibliography]; by V. I. Chernyan. Feb. 4, 1970. cover title, 9 p. il. 4° [From Trudy tsentral'noy aerologicheskoy observatorii, no. 36, 1961.] Paper, \$3.00.

5757	49753.	Audits in medical institutions reorganized, USSR; by A. Yakovchenko. Feb. 4, 1970. cover title, 7 p. 4° [From Bukhgalterskiy uchet, no. 11, 1969.] Φ Paper, \$3.00.
5758	49754.	Plans to aid relations of science and industry, USSR; by A. Levikov. Feb. 4, 1970. cover title, 9 p. 4° [From Literaturnaya gazeta. Jan. 1,
5759	49755.	1970.] Φ Paper, \$3.00. Calculating compensating reflector in two-reflector antenna circular symmetry, USSR [with bibliography]; by I. V. Vavilova. Feb. 4, 1970. cover title, 11 p. 1l. 4° [From Antenny, no. 5, 1969.] Φ Paper,
5760	49762.	\$3.00. 1969 list of honored physicians of Georgia, USSR. Feb. 5, 1970. cover title 12 p. 4° [From Tbilisi, zarya vostoka, Nov. 19, 1969.] Paper, \$3.00.
5761	49775.	Tissue culture of black wort of potato tubers, USSK [with bibliog-raphy]; by R. O. Mirzabekan. Feb. 9, 1970, cover title, 7 p. 4° [From Mikelogiya 1 fitonstologiya 2 3 no 4 1969.] Paper. \$3.00.
5762	49776.	Automation of chemical production associated with fertilizers, USSK [articles with bibliography]; by N. Ya Fest, et al., Feb. 9, 1970. cover title, a + 87 p. 11. 4° [From Avtomatizatsiya khimicheskich 1 helphiblishers beginning to 1973] b Paper \$3.00
5763	49777.	Soviet studies on cetaceans [articles with bibliographies]. Feb. 9, 1970.
5764	49778.	Problems of philosophy, USSR [articles]. Feb. 9, 1970, cover title,
5765	49784.	A + 34 p. 4° [From voprosy filosoffi, no. 9, 1969.] 4 Paper, \$3.00. Application of biologicals, USSR [selections]; by A. T. Kravchenko, et al. Feb. 10, 1970. cover title, a+30 p. 4° [From Prakticheskoye rukovodstvo po primeneniyu biologicheskikh preparatov, Moscow, 1968.] 4 Paper, \$3.00.
5766	49787.	Dispersion type fuel elements for nuclear reactors, USSR [articles with biblography]; by A. G. Samoylov, et al. Feb. 10, 1970. cover title, a +147 p. il. 4° [From Dispersionnyye teplovydelyayushchiye elementy yadernykh reaktorov, Atomizdat Press, 2d edition 1969.] • Paper, \$3.00.
5767	49807.	1969 State prizes awarded for science and technology. Feb. 11, 1970. cover title, 8 p. 4° [From Zarya vostoka, Nov. 7, 1969.] & Paper, \$3.00.
5768	49811.	Some problems of neurobionics, USSR; by K. O. Ivanov-Muromskyi. Feb. 12, 1970. cover title, 11 p. 4° [From Visnik Akademii Nauk Ukayns'koy RSR, no. 7, 1969.] \$\foatigned{Paper}\$, \$3.00. Self-training algorithm for diagnosis of diseases, USSR [with biblio-strength] by Vi M. Cilyy of the Pob 12, 1970. cover title 9 p. il.
5769	49812.	10 [From Modifyinkaya radiologiya no 3 1969 1 \[\Paper \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
5770	49823.	Half century of Scientific Institute of Fertilizers and Insecto-Fungicides. (1919-69), USSR; by S. I. Vol'fkovich, et al. Feb. 12, 1970. cover title 21 p. 40. [From Agrokhimiya no 10, 1969]. \$\P\$ Paper, \$3.00.
5771	49827.	[Selekpsiya dvizhushchikhsya tselei; moving target selection] system with internal coherence, USSR [with bibliography]; by V. Ya. Plekin, et al. Feb. 13, 1970. cover title, 10 p. il. 4° [From Radiotekhnika, v. 24, no. 10, 1969.] Φ Paper, \$3.00.
5772	49831.	Feb. 13, 1970. cover title, 11 p. 4° [From Nedelya, no. 49, 1969.]
5773	49832.	Research in mathematics at Ukrainian SSR, Academy of Sciences in past 50 years; by Yu. O. Mitropol's'kiy, Feb. 13, 1970. cover title, 26 p. 4° [From Visnik Akademii Nauk Ukrains'koi RSR, no. 5, 1969.] Paper, \$3.00.
5774	49839.	Selection and dissemination of information, USSR [articles, with bibliographies]. Feb. 13, 1970. cover title, a+13 p. il. 4° [From Otbor i peredacha informatsii, no. 20, 1969.] Paper, \$3.00.
5775	49844.	New means of plant protection chemistry series, no. 10-11, 1969, USSK [with bibliography]; by N. N. Mel'nikov. Feb. 13, 1970. cover title, a+68 p. \$\Phi\$ Paper. \$3.00.
5776	49858.	Synthesis and search for heavy transuranium elements, USSR; by G. N. Flerov, et al. Feb. 16, 1970. cover title, 15 p. il. 4° [From Priroda, Nov. 1969.] \$\phi\$ Paper, \$3.00.
5777	49859.	Development of controlled thermonuclear synthesis research in Nkraine (1957-68); by V. T. Tolok. Feb. 16, 1970. cover title, 9 p. 4° [From Visnik Akademiyi nauk Ukrayins'koyi RSR, no. 5, 1969.] Paper, \$300
5778	49860.	Gyroscopes, production and research, USSR [articles, with bibliographies; edited] by G. A. Slomyanskiy, Feb. 17, 1970, cover title, a-b-182 n il 40 Paner, \$3.00.
5779	49888.	Cybernetics and regulation theory, USSR [articles with bibliographies]. Feb. 19, 1970, cover title, a + 26 p. 11. 4° [From Doklady Akademii Nauk SSR v 189 nos. 2, 4, 5, 1969.] • Paper. \$3.00.
5780	49889.	'Pulse' of earth's magnetosphere, USSR; by V. A. Troitskaya. Feb. 19, 1970. cover title, 18 p. il. 4° [From Priroda, no. 12, 1969.] Φ Paper, \$3.00.
5781	49894.	Underground propagation of radio waves, USSR [with bibliography]; by M. Dolukhanov, Feb. 19, 1970. cover title, 4 leaves, il. 4° [From Radio, no. 1, 1970. Erratum, 3 p., issued also.] Φ Paper, \$3.00.

	JPRS (se	eries)—Continued
5782	49895.	Problems in biophysics, USSR [with bibliography]; by S. Ye. Bresler. Feb. 20, 1970. cover title, 66 p. il. 4° [From Uspekhi Fizicheskikh
5783	49910.	Nauk, v. 98, no. 4, Aug. 1909.] Paper, \$3.00. Action of semisynthetic penicillins on plague microbe, USSR [with bibliography]; by Z. V. Yermol'yeya, et al. Feb. 24, 1970. cover title, 6 p. 4° [From Antiblotiky, No. 12, 1969.] Paper, \$3.00. Social forecasting, USSR [with bibliography]; by I. V. Bestuzhev-Lada. Feb. 25, 1970 cover title, a +88 p. 4° [Philosophy, Publishing House Knowledge series, No. 5, 1969.] Paper, \$3.00. Visit to space Coordination-Computation Center, USSR: by Andrey
5784	49917.	Social forecasting, USSR [with bibliography]; by I. V. Bestuzhev- Lada. Feb. 25, 1970 cover title, a + 88 p. 4° [Philosophy, Publishing
5785	49951.	Yermolin. Mar. 2, 1970. cover title, 5 leaves 4° [From Ogonek.
5786	49957.	Structure and effectiveness of accumulation fund of USSR; by P. A. Malyshey. Mar. 3, 1970. cover title, n+287 p. 4° [Moscow, Mysli' Publishing House, Oct. 8, 1968.] • Paper, \$3.00.
5787	49961.	Methods of collecting and analyzing physiological information, USSR [articles with bibliographies]. Mar. 3, 1970. cover title, a-b+78 μ. ii. 4° From Metody shora i analiza fiziologicheskoy informatsii, Problemy biologicheskoy kibernetiki series, Moscow. 1969.] Φ Paper, \$3.00.
5788	49963.	Scientific-technical revolution and its characteristics, USSR; by I. Arto- bolevskiy, et al. Mar. 3, 1970, cover title, 11 p. 4° [From Sovetskaya
5789	49964.	Development of science education and research, USSR [articles]. Mar. 3, 1970, cover title, a+17 p. 4° [From Vestnik vysshey shkoly, Moscow No 9, 1969 1, 4° Paper \$3,00
5790	49965.	Development of science education and research, USSR [articles]. Mar. 3, 1970. cover title, a+17 p. 4° [From Vestnik vysshey shkoly, Moscow, No. 9, 1969.] \$\phi\$ Paper, \$3.00. Permanent memories of digital computers. USSR [excerpts]; by Yevgenly Arkad'yevich Brik. Mar. 3, 1970. cover title, [7] p. 4° [From Postoyannyye zapominayushchiye ustroystva tsifrovykh mashin, no. 349, 1969. Energiya Publishing House.] \$\phi\$ Paper, \$3.00. Photoelectric tracking systems [with bibliography.] by P. Vikolayev.
5791	49973.	et al. Mar. 4, 1970. cover title, a-b+165 p. il. 4° [Energiya Publishing House 1969]
5792	49979.	Chromosome mutations induced by spacelight factors in barley seeds during circumlunar flights of the automatic stations Zond 5 and Zond 6, USSR [with bibliography]; by N. I. Nuzhdin, et al. Mar. 4. 1970. [From Zhurnal obshehey biologii, no. 1, Jan.—Feb. 1970.]
5793	49980.	 Φ Paper, \$3.00. Conversion of information form and automation of research, USSR; by A. I. Kondalyev. Mar. 4, 1970. cover title, 15 p. il. 4° [From Visnyk Akademiyi Nauk Ukrains'koyi RSR, no. 7, 1969.] Φ Paper, \$3.00.
5794	49986.	Estimating molecular weight of the anomalous component of modified water by cryoscopic method, USSR [with bibliography]; by B. V. Deryagin, et al. Mar. 5, 1970. cover title, 8 p. ii. 4° [From Doklady Akademii Nauk SSSR seriya Khimiya, v. 189, no. 4-6, 1969.]
5795	49995.	Principles of leaching valuable components from ores, USSR [articles, with bibliographies]. Mar. 5, 1970. cover title, a+18 p. il. 4° [From Atomnaya energiya, no. 6, 1969.] 4 Paper, \$3.00. Comments now new USSR public draft law [articles]. Mar. 5, 1970. cover title, a-b+41 p. 4° 4 Paper, \$3.00.
5796	49996.	Comments now new USSR public draft law [articles]. Mar. 5, 1970. cover title, a-b+41 p. 4° p Paper, \$3.00.
5797	49998.	wind waves, USSR [with bibliography]; by K. V. Konyayev, et al. Mar. 6, 1970. cover title, 9 p. il. 4° [From Iz ak nauk, fizika atmos-
5798	50006.	fery i okeana, v. 6, no. 1, 1970.] Φ Paper, \$3.00. Anomalous water, discovery or error, USSR; by V. Zhvirblis. Mar. 6, 1970. cover title, 8 p. il. 4° [From Khimiya i zhizn', no. 12, 1969.]
5799	50009.	* Paper, \$3.00. Color-range bodies in color photography, USSR [with bibliography]; by D. K. Balabukha, et al. Mar. 9, 1970. cover title, 12 p. il. 4° [From Zhurnal nauchnoy i prikladnoy fotografii i kinematografii, v. 9, no 6, 1964 1. * Paper, \$3.00.
5800	50020.	no. 6, 1964.] * Paper, \$3.00. Electrical equipment of electric power stations and transformer substations, USSR [excerpts]; by M. I. Slavnin. Mar. 10, 1970. cover title, a-b+67 p. il. 4° [From State Power Publishing House, 1963,]
5801	50025.	 Φ Paper, \$3.00. Properties and preparation of explosives, USSR [excerpts]; by N.Ye. Yaremenko, et al. Mar. 10, 1970. cover title, a+125 p. il. 4°
5802	50026.	 Φ Paper, \$3.00, First Moscow Medical Institute imeni I. M. Sechenov [articles]. Mar. 10, 1970. cover title, a +11 p. 4° [From Meditsinskaya gazeta, Jan. 6, 1972].
5803	50027.	1970.] Φ Paper, \$3.00 Comments on Soviet public health [articles]. Mar. 10, 1970. cover title, a+9 p. 4° [From various Russian language publications.] Φ Paper, \$3.00.
5804	50029.	Science and institutes in Belorussia [articles]. Mar. 10, 1970. cover title, a+12 p. 4° [From various Russian language newspapers.] Paper, \$3.00.
		*E - C 1 1 C . 4 1 4 C D 4

JUSTICE DEPARTMENT Washington, DC 20530

- 5805 Guide for discretionary grant programs under title I, Omnibus crime control and safe streets act of 1968, fiscal year 1970. [1970.] cover title, iv+106 p. 4° (Office of Law Enforcement Programs, Law Enforcement Assistance Administration.) [Issued with perforations.] † Item 717-A
 L.C. card 78-606452

 J 1.8/2: G 76/2/970
- 5806 LEEP, educational opportunities. [1970.] [2] p. il. 8° folded into oblong 48° size. ([Law Enforcement Assistance Administration, Law Enforcement Education Program.]) † Item 717 J 1.2: L 41/7
- Opinion of Attorney General [Volume 42, Opinion]. * Paper, \$2.00 a volume, 50c. additional for foreign mailing; single copies vary in price.

 37. Legality of revised Philadelphia plan; [Sept. 22, 1969]. [1970.] 12 p. *Paper, 10c. Item 718

LABOR DEPARTMENT Washington, DC 20210

- 5808 Administration of welfare and pension plans disclosure act, calendar year 1969, annual report of Secretary of Labor to Senate and House of Representatives pursuant to the act. [1970.] [2] leaves+24 p. 4° (Labor-Management Services Administration, Office of Labor-Management and Welfare-Pension Reports.) [Title on cover is: 1969 report to Congress, Welfare and pension plans disclosure acts.] † Item 744-B

 L.C. card L 66-247

 L 1.55: 969
- 5809 Developing your manpower; prepared by Ralph Cowart and Mildred Horne]. 1970. iii+53 p. il. 4° (Manpower Administration.) [Includes The printed word, lists of publications for further reference.] * Paper, 60c. Item 745
- Job Corps, residential job training basic education, human renewal. [1970.]
 [8] p. il. 4° ([JC-101, 7/69; Manpower Administration.]) † Item
 745
 L 1.2: J 57/7
 - Manpower research monographs. Item 746-H L 1.39/3:(nos.)
- 5811

 15. Pre-retirement years, longitudinal study of labor market experience of men, v. 1, 1970, xi+295 p. il. 4° (Manpower Administration.) [Prepared by Center for Human Resource Research, Ohio State University, under contract 81-34-28.] * Paper, \$2.25.

 L.C. card 73-606416
- 5812

 16. Career thresholds, longitudinal study of educational and labor market experience of male youth, v. 1. 1970. x+266 p. il. 4° (Manpower Administration.) [Prepared under contract 81-34-28 by Center for Human Resource Research, Ohio State University.] * Paper, \$2.00.

 L.C. card 70-606415
 - PM (series). (Manpower Administration, Job Corps.)
- 431. Advanced general education program: High school self-study program. Nov. 1969 [published 1970]. various paging, il. 4° [Set includes: 124 lesson books; Students' answer keys; Students' handbook; Screening tests; Teacher's answer key; Teacher's manual; Unit tests; and JC form 195 for recording student progress/performance.] * Paper, \$32.25 per set.
 Item 744-C L 1.58/2: 431
- 5814 Public service careers, jobs and advancement in public agencies. [1969.]
 [8] p. il. narow 8° (Manpower Administration.) † Item 745
 L1.2: P 96/5
- They're ready to work in your hospital [licensed practical nurses, licensed vocational nurses, nursing assistants, hospital ward clerks]. [1970.] cover title, [16] p. il. ([J-330; Manpower Administration.]) [Job Corps trains men and women for entry level positions in all these fields.] † Item 745

◆For Sale by Clearinghouse, U.S. Department of Commerce, Springfield, Va. 22151
◆Sent to Depository Libraries

LABOR STANDARDS BUREAU, Labor Dept. Washington, DC 20210

L 16.3:(nos.) Bulletins. • Item 763 177 (rev.). 5816 Labor offices in United States and Canada; [compiled by Elizabeth Howard]. Jan. 1970. vi+78 p. L.C. card L 36-143 5817 223. Consultative approach to safety. Revised 1969. [1970.] cover title, [1]+10 p. [Includes list of safety promotional aids.] * Paper, Labor law series. Summary of State workmen's compensation laws. Jan. 1970. cover title, 52
 p. 4° † ● Item 764-B 5818 Occupational safety aid, Deporament of Labor safety training programs OSA LS-(series). 177. Safety committee. Revised [edition], [1970.] [8] p. il. 4° (OOS 5.69.) 5819 L 16.49:177/3 * Paper, 10c. • Item 765-G LABOR STATISTICS BUREAU, Labor Dept. Washington, DC 20210 BLS staff paper (series). Nineteenth century wage trends [with selected bibliography]; by H. M. Douty. Jan. 1970. [1]+i+30 p. *Paper, 25c. ● Item 768-J L 2.71/5:2 5820 Bulletins. L 2.3:(nos). • Item 768 Wage calendar, 1970: [prepared by H. Charles Spring and Rolen H. Painter], 1970, iv+47 p. 4° * Paper, 50c. L.C. card 68-61657 5821 1653. National survey of professional, administrative, technical, and clerical pay, accountants and auditors, attorneys, personnel management, buyers, engineers and chemists, engineering technicians, draftsmen, office clerical, June 1969. Feb. 1970. v+79 p. il. 4° * Paper, 75c. L.C. card L 61-4 5822 1654. 1660-17. Area wage survey: Oklahoma City, Okla., metropolitan area, July 1969.

Jan. 1970. ili+27 p. oblong 8° * Paper, 35c.
L.C. card L 66-31 5823 1660-18. Area wage survey: Fort Worth, Tex., metropolitan area, Oct. 1969.

Jan. 1970. iii+17 p. oblong 8° * Paper, 30c.

L.C. card L 66-65 5824 Davenport-Rock Island-Moline, Iowa-Ill., metroea wage survey: Davenport-Rock Island-Moline, Iowa-Ill., metro-politan area. Oct. 1969. Feb. 1970. iii+28 p. oblong 8° * Paper, 35c. L.C. card L 66-39 5825 1660-20. Area rea wage survey: Trenton 1970, iti+15 p. oblong 8° L.C. card L 66-76 Trenton, N.J., metropolitan area, Sept. 1969. Feb. blong 8° * Paper, 30c. 5826 1660-21. Area L.C. card L 66-76

1660-22. Area wage survey: Cleveland, Ohio, metropolitan area, Sept. 1969.
Feb. 1970. iv+30 p. il. oblong 8° * Paper, 40c.
L.C. card L 66-43

1660-23. Area wage survey: Dallas, Tex., metropolitan area, Oct. 1969. Feb. 1970. iv+28 p. oblong 8° * Paper, 35c.
L.C. card L 66-63

1660-25. Area wage survey: Indianapolis, Ind., metropolitan area, Oct. 1969.
Feb. 1970. iii+19 p. oblong 8° * Paper, 30c.
L.C. card L 66-77

1660-26. Area wage survey: Portland. Maine. metropolitan area, Nov. 1969. 5827 5828 5829 1660-26. Area wage survey: Portland, Maine, metropolitan area, Nov. 1969. Feb. 1970. iii+26 p. oblong 8° * Paper, 35c.
L.C. card L 66-64
1660-27. Area wage survey: Columbus, Ohio, metropolitan area, Oct. 1969. Feb. 1970. iii+17 p. oblong 8° * Paper, 30c.
L.C. card L 66-33 5830 5831 rea wage survey: Louisville, Ky.-Ind., metropolitan area, Nov. 1969. Feb. 1970. iii+30 p. oblong 8° Paper, 40c. L.C. card L 66-96

> *For Sale by Superintendent of Documents †Distribution Made by Issuing Office ‡Official Use. Not Available

1660-29. Area wage survey: Buffalo, N.Y., metropolitan area, Oct. 1969. Feb. 1970, iv+34 p. oblong 8° * Paper, 45c. L.C. card L 66-83

5832

5833

1660-28. Area

LAKE SURVEY (Army), Defense Dept. 630 Federal Bldg., Detroit, MI 48226

Great Lakes pilot, 1970. [1969.] 625 p. il. 4° [Bearings are true and dis-5834 tances are expressed in statute miles. Supplements information given upon charts published by Lake Survey. Supersedes all previous pilots for above-named waters.] † Paper, \$3.25 (including supplements), Lake Survey District, Army Engineers Corps, 630 Federal Bldg. and U.S. Courthouse, Detroit, MI 48226. • Item 338 D 103,203:970 L.C. card 6-7112

LIBRARY OF CONGRESS Washington, DC 20540

"Pembroke" album of chiaroscuro woodcuts; by Alan M. Fern and Karen 5835 F. Jones. [1970.] [15] p. il. 4° [Reprint from Quarterly journal of Library of Congress, Jan. 1969. Includes list of prints in album.] † LC 1.17/a: P 369 L.C. card 74-604690

MARITIME ADMINISTRATION, Commerce Dept. Washington, DC 20548

Containerships under construction and on order (including conversions) 5836 in United States for foreign shipyards, oceangoing ships of 1,000 gross tons and over as of June 30, 1969. Nov. 10, 1969. [24] leaves, oblong 8° (Office of Subsidy Administration, Division of Statistics.) C 39.231: 969

Index of current regulations of Maritime Administration, Maritime Sub-

sidy Board, National Shipping Authority, revised as of Jan. 1, 1970; [prepared by Office of General Counsel]. [1970.] [4]+38 p. 4° * Paper, 50c. ● Item 237 L.C. card 59-61647 C 39.206/4:970

MA SP (series).

- 70-3. Remarks by A. E. Gibson, Maritime Administrator, Department of Commerce, before Oceanic-Maritime Symposium, Washington, D.C., Feb. 17, 1970. 1970. 2 p. 4° † C 39.210/2:70-3 5838
- 5839 United States flag containerships and United States flag ships with partial capacities for containers and/or vehicles, as of June 30, 1969. [Oct. 10, 1969.] [1]+9 leaves, oblong 8° ([Office of Subsidy, Division of Statistics.]) ‡ C 39.232: 969

MATERNAL AND CHILD HEALTH SERVICE, Health, Education, and Welfare Dept., Bethesda, MD 20014

Note. - See Notice on page 1.

- 5840 Health services for mothers and children under title 5 Social security act. [1970.] [2]+11 p. 12° ([OM-2074.]) † • Item 483-V-1 HE 20.2752: H 34
- Hemolytic disease of fetus and newborn due to RH isoimmunization [with 5841 list of references; by Jane S. Lin-Fu]. [Sept. 1969.] cover title, 15 p. 4° ([OM-2068.]) † ● Item 483-V-1 L.C. card 74-606628 HE 20.2752: H 37

MEDICINE AND SURGERY BUREAU (Navy), Defense Dept. Washington, DC 20350

5842 Medical statistics, Navy, 99th statistical report of Surgeon General, Navy, occurrence of diseases and injuries in Navy for fiscal year 1964. [1970.] vii+144 p. il. (NAVMED P-5027.) ‡ ● Item 388 L.C. card 33-26817 D 206.11:964

> ΦFor Sale by Clearinghouse, U.S. Department of Commerce, Springfield, Va. 22151 Sent to Depository Libraries

- U.S. Naval Submarine Medical Center, Submarine Base, Groton, Conn.: D 206.10:(nos.) Reports.
- 5843 5844
- 5845
- Keports. 4
 584. Diving casualty suggesting episode of thoracic squeeze, case report [with list of references]; by Michael B. Strauss and P. Wright. June 18, 1969. cover title, ill+6+2 p. 4° (Research work unit MF12.524.006-9025.36.)
 585. Discussion of disseminated intravascular coagulation in decompression sickness [with bibliographies]; by John A. Holland. June 20, 1969. cover title, ill+12+2 p. 4° (Research work unit MF099.01.01.03.)
 593. Efficient monaural procedure for psychoacoustic calibration of earphones [with list of references]; by J. Donald Harris Sept. 5, 1969. cover title, ill+9+2 p. 4° (Research work unit MF12.524.004-9010D.05.)
 594. Differential sensitivity for alternate interaural loudness balancing in psychoacoustic calibration of earphones [with list of references]; by James F. Willott, Cecil K. Myers and J. Donald Harris. Sept. 2, 1969. cover title, ill+6+2 p. 4° (Research work unit MF12.524.004-9010D.06.) 5846

MINES BUREAU, Interior Dept. Washington, DC 20240

- 5847 Apparent consumption of industrial explosives and blasting agents in United States, 1968; prepared by Andris Viksne. Dec. 1969. 14 p. 4° (Mineral industry surveys, explosives, annual.) †Mines Bureau, Pitts-I 28.112:968 burgh, PA 15213
 - Bulletin.
- 651. Prereduced iron ore pellets: preparation, properties, utilization [with list of Bureau of Mines publications on prereduced pellets]; by M. M. Fine, N. B. Melcher, and others. [1970.] vili+63 p. il. 4° * Paper, 65c. Item 636 L.C. card 79-606376 I 28.3:651 5848
 - I 28.27: (nos.) Information circulars. • Item 637-A
- Item 637-A

 1 28.27: (nos.)

 8434. Supply and demand for energy in United States by States and regions, 1960 and 1965, integrated energy balances and energy flows [with bibliographies]; by R. F. Zaffarano [and others]. [1970.] [2]+iv+546 p. ll. 40 [Prepared from commodity balances presented in 4 parts: 1. Coal; 2. Utility electricity; 3. Natural gas; and 4. Petroleum and natural gas liquids.] *Paper, \$5.00.

 L.C. card 76-606319

 8439. Bismuth in United States [with list of references]; by Franklin H. Persse. [1970.] [2]+i1+26 p. il 40 *Paper, 45c.

 L.C. card 77-606058

 8444. Unit train transportation of coal, technology and description of 9 representative operations; by T. O. Glover, M. E. Hinkle, and H. L. Riley. [1970.] [2]+i+109 p. il. 40 *Paper, \$1.00

 L.C. card 70-606352

 8447. Secondary gold in United States [with bibliography]; by staff, Bureau of Mines. [1970.] [2]+ii+30 p. il. 40 *Paper, 40c.

 L.C. card 73-606310

 8448. Petroleum and oil-shale research of Bureau of Mines, fiscal years 1967-68; by Bill Linville and staff, Bureau of Mines Petroleum Research, [Peb. 1970.] [2]+v+162 p. il. 40 [Includes reports published during fiscal years 1967 and 1968.] † Mines Bureau, Pittsburgh, PA 15213

 8452. Physical and explosion characteristics of hydrazine nitrate [with list of references]; by Harry K. James, Yael Miron, and Henry E. Perlee. [Mar. 1970.] [2]+ii+22 p. il 40 [Prepared in cooperation with National Aeronautics and Space Administration under order T-39882(G).] † Mines Bureau, Pittsburgh, PA 15213

 8458. Proceedings of symposium on respirable coal mine dust, Washington, D.C., Nov. 3-4, 1969; compiled by Richard M. Gooding. [1970.] viii+297 p. il. 40 † Mines Bureau, Pittsburgh, PA 15213

 8460. Bureau of Mines research and accomplishments in utilization of solid wastes [with bibliography]; by F. J. Cservenyak and C. B. Kenhan. [Mar. 1970.] [3]+29 p. il. 40 † Mines Bureau, Pittsburgh, PA 15213

 L.C. card 77-606362 5849
- 5850
- 5851
- 5852
- 5853
- 5854
- 5855
- 5856
- International petroleum annual, 1968. Feb. 1970. cover title, [1] +22 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213 • Item 642-A L.C. card 68-60741 I 28.43/3:968
- Mineral industry of Angola, Mozambique, and Portuguese Guinea; [by 5858 Eugene R. Slatick]. [1969.] [2]+9 p. [Preprint from Minerals yearbook. I 28.37/a 2: An 47/968 * Paper, 10c.
- 5859 Mineral industry of Argentina; [by Garn A. Rynearson]. [1969.] [2]+12 p. [Preprint from Minerals yearbook, 1968.] * Paper, 10c. I 28.37/a 2: Ar 37/968

5860	Mineral	industry	of Canada	i; [by	Lester	G.	Morrell].	[1969.]	[2]+19	p.
	[Prep	rint from	Minerals	yearb	ook, 19	68.]	* Paper	, 15c.		
							I	28.37/a	2: C 16/3	968

- Mineral industry of Iran; [by David A. Carleton]. [1969.] [2] +8 p. [Pre-5861 print from Minerals yearbook, 1968.] * Paper, 10c. I 28.37/a 2: Ir 1/968
- Mineral industry of Ireland; [by Columbus R. Gentile]. [1969.] [2]+7 p. 5862 [Preprint from Minerals yearbook, 1968.] * Paper, 10c. 128.37/a2: Ir 2/968
- Mineral industry of Islands of the Caribbean; [by Burton E. Ashley]. 5863 [1969.] [2]+20 p. [Preprint from Minerals yearbook, 1968.] * Paper. I 28.37/a 2: C 191/968
- Mineral industry of Michigan; [by Donald F. Klyce]. [1970.] [2]+19 p. il. [Preprint from Minerals yearbook, 1968.] * Paper, 15c. 5864 I 28.37/a 2: M 58/968
- Mineral industry of New York; [by Robert G. Clarke]. [1969.] [2]+15 5865 p. il. 4° [Preprint from Minerals yearbook, 1968.] * Paper, 15c. I 28.37/a 2: N 42 y/968
- Mineral industry of Nigeria; [by David A. Carleton]. [1969.] [2]+7 p. [Preprint from Minerals yearbook, 1968.] * Paper, 10c. I 28.37/a 2: N 561/968
- Mineral industry of other South Pacific Islands; [by John A. Stock]. 5867 [1969.] [2]+9 p. [Preprint from Minerals yearbook, 1968.] * Paper, I 28.37/a 2: So 87p/968 10c.
- Mineral industry of Venezuela; [by Gordon W. Koelling]. [1969.] [2]+11 5868 p. [Preprint from Minerals yearbook, 1968.] * Paper, 10c. I 28.37/a 2: V 556/968
- Office of Education and Behavioral Science, new services. [1970.] [6] p. il. 5869 I 28.2: Ed 8 oblong 8° †
- Petroleum products survey (series). (Mineral industry surveys.)
- 63. Motor gasolines, summer 1969; [by O. C. Blade and Ella Mae Shelton]. Jan. 1970. cover title, [1] + 38 p. 4 pl. map 4° † Mines Bureau, Pittsburgh, PA 15213. Item 642-A I 28.18/3: 63 5870
 - I 28.23: (nos.) Report of investigations. • Item 637-A
- 5871
- 7291. Influence of volatile fuel components on vehicle emissions [with list of references]; by B. H. Eccleston, B. F. Noble, and R. W. Hurn. [Feb. 1970.] [2]+iii+80 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213 7330. Mine roof vibrations from underground blasts [with list of references]; by James J. Olson [and others]. [Jan. 1970.] [2]+ii+55 p. il. 4° [Errata, 3 leaves, issued also.] † Mines Bureau, Pittsburgh, PA 5872 15213
- 7331. Comparison of triangular, polygonal, and statistical method of computing grade and tonnage of ore for Silver Bell Oxide porphyry copper deposit; by Richard F. Hewiett. [Jan. 1970.] [2]+ii+33 p. il. 4° [Based on work done in cooperation with Bear Creek Mining Company and College of Mines, University of Arizona.] † Mines Bureau, Pittsburgh, PA 5873 15213
- 7336. Solvent extraction of nickel and zinc from waste phosphate solution; by H. E. Powell, L. L. Smith, and A. A. Cochran. [Jan. 1970.] [3] +14 p. il. 4° † Mines Bureau, Pitcburgh, PA 15213 5874
- 7339. Oxidation roasting of chalcocite concentrate; by M. M. Fine, A. B. Landstrom, and R. B. Schluter. [Jan. 1970.] [3]+19 p. il. 4° † Mines Bureau, Pitsburgh, PA 15213 5875
- ope stability analysis by finite element stress analysis and limiting equilibrium method [with list of references]; by Fun-Den Wang and Meng-Cherng Sun. [Jan. 1970.] [3]+16 p. il. 4° † Mines Bureau, Pitsburgh, PA 15213 7341. Slope 5876
- 5877 7343. Systematic analysis of pit slope structures by stiffness matrix method [with
- list of references]; by Fun-Den Wang and Meng-Cherng Sun. [Feb. 1970.] [3] +37 p. il. 4° † Mines Bureau, Pitsburgh, PA 15213
 7344. Electrolytic preparation of tungsten metal and tungsten carbide from wolframite [with list of references]; by John M. Gomes, Kenji Uchida, and M. M. Wong. [Feb. 1970.] [3] +8 p. 4° † Mines Bureau, Pittsburgh, PA 15213 5878 PA 15213

ΦFor Sale by Clearinghouse, U.S. Department of Commerce, Springfield, Va. 22151 •Sent to Depository Libraries

Report of investigations-Continued

7345. Evaluation of variables in basic oxygen steelmaking; by V. R. Spironello, H. A. Tucker, and W. C. Hill. [Feb. 1970.] [2]+iii+35 p. il. 4° † Mines Bureau, Pitsburgh, PA 15213

7347. Selection of anode materials and operating conditions for electrowinning beryllium; by D. A. O'Keefe, D. E. Couch. [Feb. 1970.] [3]+11 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213 5879

5880

† Mines Bureau, Pittsburgh, PA 15213
7349. Strengths of sulfur-basalt concretes [with lists of references]; by Lester J. Crow and Robert C. Bates. [Mar. 1970.] [3]+21 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213
7351. Mass spectra and analytical correlations of some alkylcycloalkyl sulfides [with list of references]; by J. E. Dooley, R. F. Kendall, and D. E. Hirsch. [Feb. 1970.] [3]+19 p. 4° [Based on work done in cooperation with American Petroleum Institute.] † Mines Bureau, Pittsburgh, PA 5882 15213

5883

15213
Compressibility data for helium over temperature range-5°C to 80°C and at pressures to 800 atmospheres [with list of references]; by Ted C. Briggs. [Mar. 1970.] [3]+39 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213
7353. Electrowinning aluminum from aluminum chloride operation of single-compartment cell [with list of references]; by D. E. Kirby, E. L. Single-ton, and T. A. Sullivan. [Mar. 1970.] [3]+24 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213
7354. Air-sealing coal mines to reduce water pollution; by N. N. Moebs and Stephen Krickovic. [Mar. 1970.] [2]+ii+33 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213
7367. Evaluation of penetration characteristics of horizontal plate elutriator and of 10-mm nylon cyclones elutriator: by Thomas F. Tomb and Lewis D. Raymond. [Mar. 1970.] [3]+9 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213 5884

5885

5886 PA 15213

MOTOR CARRIER SAFETY BUREAU, Transportation Dept. Washington, DC 20591

5887 1968 accidents of large motor carriers of property. Dec. 1969. [1]+9 p. 40 L.C. card 70-602975 TD 2.310: 968

NARCOTICS AND DANGEROUS DRUGS BUREAU, Justice Dept. Washington, DC 20530

NOTE .--The Narcotics and Dangerous Drugs Bureau was transferred from Treasury Department to the Justice Department by Reorganization Plan 1 of 1968, effective Apr. 8, 1968.

5888 BNDD special agent. [1969.] cover title, [9] p. il., 2 cards are in pocket. [Text on p. 2 and 3 of cover. Page 9 of text is p. 3 of cover.] † • Item J 24.2: Sp 3

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION Washington, DC 20546

5889 Apollo configuration management manual. Jan. 1970. [1970.] cover title, [317] p. il. 4° (NHB 8040.2 [formerly NPC 500-1.]; Office of Manned Space Flight, Apollo Program.) [Supersedes NPC 500-1, dated May 18, 1964 and Feb. 1967.] *Paper, \$2.25. • Item 830-F

NAS 1.18: Ap 4/970

Future progress of space transportation, keynote address by Charles W. Mathews, Deputy Associate Administrator for Manned Space Flight, NASA headquarters, presented at AIAA advanced space transportation meeting, Feb. 4-6, 1970. [Feb. 5, 1970.] 21 leaves, il. 4° † NAS 1.11: M 42

NASA contractor report CR (series). NAS 1.26: (nos.)

1446. Study of spaceborne multiprocessing, phase 1 [with list of references]; by Louis J. Koczela. Feb. 1970. cover title, xi+336 p. il. 4° [Prepared under contract NAS 12-108 by North American Rockwell Corporation, Anaheim, Calif. Issued by originator as report C6-1476.10/33.] \$\text{\phi}\$ Paper, 5891

55.00.

1462. Stagnation point heat transfer during hypervelocity atmospheric entry [with list of references]; by W. S. Rigdon, R. B. Dirling, jr., and M. Thomas. Feb. 1970. cover title, vii+78 p. il. 4° [Prepared under contract NAS 1-7757 by McDonnell Douglas Astronautics Company, Western Division. Santa Monica, Calif. Issued by originator as report DAC-63243.] Φ Paper, \$3.00.

*For Sale by Superintendent of Documents †Distribution Made by Issuing Office ‡Official Use. Not Available

Page 74

- 1465. Numerical calculations of viscous compressible fluid flow around stationary cylinder [with list of references]; John G. Trulio, and Leonard Walitt. Jan. 1970. cover title, iv+99 p. 11. 4° [Prepared under contract NAS 8-18034 by Applied Theory, Inc., Santa Monica, Calif.] 5893
- 1465. Numerical calculations of viscous compressible fluid flow around strutonary cylinder with list of references); John G. Trutio, and Leonard Writing 1470. cover title, 17+39 p. 11, 49. [Prepared under control, NAS 8-18034 by Applied Theory, Inc., Santa Monica, Calif., 49 Paper., \$3.00.

 1486. Study of NACA and NASA published information of pertinence in design of light aircraft: v. 3, Propulsion subsystems, performance, stability and control, propellers, and flight safety; by Clifford J. Moore and Dennis M. Phillips, Feb. 1970. cover title, 17+484 p. 11, 49. [Prepared under contract no. 1-7265 by Department of Mechanical and Aerospace Engineering, North Carolina State University, Raleigh, N.C.]. 49 Paper, 184 by 195 Computer program for prediction of ducted fan selden B. Spangler. Feb. 2-4953 by Missen Engineering & Research, Inc., Mountain View, Calif. Issued by originator as report NEAR TR. 16. [Prepared under contract NAS 2-4953 by Missen Engineering & Research, Inc., Mountain View, Calif. Issued by originator as report NEAR TR. 16. [Paper, \$3.00. Issued by originator as report NEAR TR. 16.]. 4 Paper, \$3.00. [Prepared under contract NGR-11-002-068 by Georgia Institute of [Prepared under contract NGR-11-002-068 by Georgia Institute of [Prepared under contract NGR-11-002-068 by Georgia Institute of Technology, Atlanta, Ga.]. 4 Paper, \$3.00.

 1505. Theoretical calculations of radiant heat rule of the properties of particle seeded gases [with list of 150. [Prepared under contract NGR-11-002-068 by Georgia Institute of Technology, Atlanta, Ga.]. 4 Paper, \$3.00.

 1512. Launch vehicle error sensitivity study lwith list of references]; by Richards, and the prepared under contract NGR-11-002-068 by Georgia Institute of Technology, Atlanta, Ga.]. 4 Paper, \$3.00.

 1521. Determination of atmospheric temperature profiles from My Burn and William G. Uplinger, 11-604 by Open S. Space Company, Sunnyvale, Calif.]. 4 Paper, \$3.00.

 1522. Effects of sonic booms and subsonic jet flyover noise on skeletal muscle through the 5894
- 5895
- 5896
- 5897
- 5898
- 5899
- 5900
- 5901
- 5902
- 5903
- 5904
- 5905
- 1538. Observation of flow excursions in simulated gas-cooled reactor passage [with list of references]; by Paul Vingerhoet, Edward R. Kolbe, and Ell Reshotko. Feb. 1970. cover title, iii+30 p. il. 4° [Prepared under grant NGR 36-003-064 by Case Western Reserve University, Cleveland, Ohio.]

 4 Paper, \$3.00. 5906
- 1555. NASA metric system study; by Phillip F. Eckert and Owen Carlson. Feb. 1970. cover title, [42] p. il. 4° [Prepared under contract NASw-1812 by Informatics Tisco, Inc., College Park, Md.] Φ Paper, \$3.00. L.C. card 78-606314 5907
- 5908 NASA educational publications. [Jan. 1970.] cover title, 12 p. narrow 8° NAS 1.9/2: Ed 8/970 ● Item 830-J
- NASA EP (series).
- 74. Apollo 12, new vista for lunar science; [prepared by Office of Public Affairs].

 [1970.] cover title, 20 p. il. large 8° [Text and other illustrations on p. 1-4 of cover. Some illustrations are colored.] * Paper, 65c. Item 5909

ΦFor Sale by Clearinghouse, U.S. Department of Commerce, Springfield, Va. 22151 Sent to Depository Libraries

	NASA SP (series). NAS 1.21: (nos.)
5910	160. Vibration of plates [with lists of references; by] Arthur W. Leissa. 1968 [published 1970]. vii+353 p il. 4° (Scientific and Technical Information Division, Office of Technology Utilization.) *Paper, \$3.50
5911	L.C. card 67-62660 208. Prevention of electrical breakdown in spacecraft [with bibliographies]
	208. Prevention of electrical breakdown in spacecraft [with bibliographies] by Fred W. Paul and Donald Burrowbridge, 1969, vii+96 p. il. 4° (Scientific and Technical Information Division, Office of Technology Utilization.) 4 Paper, \$3.00, L.C. card 76-606394
5912	L.C. card 76-606394 217. Optical space communication, proceedings of workship sponsored jointly by
	L.C. card 76-606394 217. Optical space communication, proceedings of workship sponsored jointly by NASA Electronics Research Center and Research Laboratory of Electronics, Massachusetts Institute of Technology, and held Aug 4-17 1968, at William College, Williamstown, Mass. [with list of references] edited by Robert S. Kennedy and Sherman Karp. 1969. vlii+147 p. ll. 4 (Scientific and Technical Information Division, Office of Technology Utilization.) * Paper, \$1.50. • Item 830-I L.C. card 76-606221
	(Scientific and Technical Information Division, Office of Technology Utilization.) * Paper, \$1.50. ■ Item 830-1 L.C. card 76-606221
5913	219. Status of passive inflatable falling-sphere technology for atmospheric sensing to 100 km, symposium held at Langley Research Center, Hampton Va., Sept. 23-24, 1969. [papers, with bibliographies]. 1969. vi+302 pil. 4° (Scientific and Technical Information Division, Office of Technology Utilization.) 4 Paper, \$3.00.
	nology Utilization.) Φ Paper, \$3.00.
5914	225. Mariner-Mars 1969, preliminary report [with lists of references]. 1969 vii+144 p. il. 4° (Scientific and Technical Information Division, Office of Technical Viii Viii Viii Viii Viii Viii Viii Vi
5915	L.C. card 77-605724 L.C. card 77-605724 Agreement truckwall materials, proceedings of conference held at NAS.
0819	227. Aerospace structural materials, proceedings of conference held at NAS Lewis Research Center [Cleveland, Ohio] on Nov. 18-19, 1969, 1970 vi+330 p. il. 4° (Science and Technical Information Division, Office of Technology Utilization.) • Paper, \$3.00. L.C. card 70-606458 3051. Space materials handbook [articles, with lists of references]; by John E Rittenhouse and John B. Singletary, 3d edition, 1969 [published 1970] viii+734 p. il. 4° (Air Force Dept. AMFL-TR-205: Scientific and Technical Information Division, Office of Technology Utilization.) [Prepare in cooperation with Air Force under Air Force contract by Lockheed Missiles and Space Company, Sunnyvale, Calif.] • Paper, \$3.00. L.C. card 72-606263
5916	L.C. card 70-606458 3051 Space materials handbook [articles, with lists of references]; by John E
0010	Rittenhouse and John B. Singletary, 3d edition, 1969 [published 1970] viii+734 p. il. 4° (Air Force Dept. AMFL-TR-205: Scientific and Technical Information Division, Office of Technology Utilization.) [Prepare
	in cooperation with Air Force under Air Force contract by Lockheed Mis siles and Space Company, Sunnyvale, Calif.] Φ Paper, \$3.00. L.C. card 72-606263
	NASA technical note TN (series). NAS 1.14: D-(nos.
5917	
5918	D-5206. Turbulence measurements in supersonic, shock-free jets by optical crosse beam method [with list of references]; by M. J. Fisher and K. I. Johnston. Feb 1970. cover title, ix+110 p. il. 4° \$\Phi\$ Paper, \$3.00 D-5305. Research and development in needle and slit colloid thrustors [with list of references]; by Kenneth W. Stark and Allan Sherman. Feb. 1970 cover title, iii+35 p. il. 4° \$\Phi\$ Paper, \$3.00. L.C. card 76-606134
5919	D-5337. Intercomparison of minitrack and optical tracking networks using GEO I long-arc orbital solutions [with list of references]; by James (Marsh [and others], Feb. 1970. cover title, v+62 p. il. 4° Paper
5920	6.5 U(1)
0020	D-5479. Large-area proton beams established at NASA Space Radiation Effect Laboratory in energy range from 31 to 225 MeV [with list of references]; by Gerald F. Hill and William C. Honaker. Feb. 1970. cover title, [1]+41 p. il. 4° \$\phi\$ Paper, \$3.00.
5921	D-5482. External proton beam characteristics of NASA Space Radiation Effect Laboratory synchrocyclotron [with list of references]; by Gerald I Hill, William C. Honaker, and Fred F. Hubble III. Feb. 1970. cove title, [1] +78 p. 11 4° \$\text{Paper}\$, \$3.00. L.C. card 70-606132 D-5507 Macro inlatingle configuration and relative blade velocity of
5922	L.C. card 70-606132 D-5507. Effects inlet-guide-vane configuration and relative blade velocity o noise from axial-flow compressors [with list of references]; by Davi Chestnutt and Lorenzo R. Clark. Feb. 1970. cover title, 25 p. il.
×000	Φ Paner. \$3.00.
5923	D-5560. Summary of available information on Reynolds analogy for zero-pre sure-gradient, compressible, turbulent-boundary-layer flow [with list of references]; by Aubrey M. Cary, jr. Jan. 1970. cover title, [1]+1 p. 4° \$\phi\$ Paper, \$3.00.
5924	D-5570. Performance of short length turbojet combustor insensitive to radia distortion of inlet airflow [with list of references]; by Francis Mumenik, Feb. 1970. cover title, [1]+36 p. il. 4° \$\partial \text{Paper}\$, \$3.0
5925	D-5570. Performance of short length turbojet combustor insensitive to radia distortion of inlet airflow [with list of references]; by Francis M Humenik, Feb. 1970. cover title, [1]+36 p. il. 4° Paper, \$3.00 D-5572. Magnetic attitude and spin control of small scientific satellite Salaby Thomas W. Flatley. Feb. 1970. cover title, [1]+12 p. il. 4° Paper, \$3.00.
5926	D-5575. Preliminary evaluation of tungsten alloy fiber-nickel-base alloy corposites for turbojet engine applications (with list of references); to Donald W. Petrasek and Robert A. Signorelli. Feb. 1970. cover titl [1] +26 p. il. 4° \$\phi\$ Paper, \$3.00.
5927	D-5584. Longitudinal and lateral spectra of turbulence in atmospheric boundar layer [with list of references]; by George H. Fichtl and George McVehil. Feb. 1970. cover title, viii+43 p. ll. 4° Paper, \$3.00.

5928	D-5585.	Alpha-gamma angular correlations in reaction nickel-58 (a,d'yl.452MeV) [with list of references]; by Norton Baron, Regis Leonard, and William M. Stewart. Feb. 1970. cover title, [1]+33 p. il. 4° \$\phi\$ Paper, \$3.00.
5929	D-5586.	Design analysis and performance of 2.5 kVA pulse-width-modulated static inverter [with list of references]; by Francis Gourash and Arthur G. Birchenough. Feb. 1970. cover title, [1] 31 p. il. 4° Paper, \$3.00.
5930	D-5594.	Airworthiness considerations for STOL aircraft [with list of references]; by Robert C. Innis, Curt A. Holzhauser, and Hervey C. Quigley. Jan. 1970. cover title, [4] +65 p. il. 4° \$\phi\$ Paper, \$3.00.
5931	D-5608.	Aerodynamics of Mars entry probelander configurations at Mach number of 10 [with list of references]; by Robert I. Sammonds. Jan. 1970. cover title, v+45 p. il. 4° Φ Paper, \$3.00.
5932	D-5609.	Simplified analysis of nuclear fuel pin swelling [with list of references]; by Armin F. Lietzke, Jan. 1970, cover title, [1]+41 p. il. 4° \$\phi\$ Paper, \$3.00
5933	D-5614.	Thermodynamic effects of cavitation of 80.6° helical inducer operated in hydrogen [with list of references]; by Royce D. Moore and Phillip R. Meng, Jan. 1970, cover title, [1] + 12 p. il. 4° depare, \$3.00.
5934	D-5615.	foot per second blunt-body reentry [with list of references]; by Norman D. Akey and Aubrey E. Cross. Feb. 1970. cover title, iii+91 n 11 40
5935	D-5616.	Experimental heat-transfer distributions on blunt lifting body at Mach 3.71 [with list of references]: by Robert L. Stallings, fr., Robert L. Wright, and Ida K. Collins. Feb. 1970. cover title, [1] + 66 p. il. 4° Paper, \$3.00.
5936		Review of propulsion-induced effects on aerodynamics of jet/STOL alr- craft [with list of references]; by Richard J. Margason. Feb. 1970. cover title, [1] +67 p. il. 4º [Originally presented as lecture at Uni- versity of Tennessee Space Institute short course on V/STOL Nov.
5937	D-5618.	Simple method of using onboard optical measurements to predict orbit established after lunar-ascent-transfer orbit [with list of references]; by L. Ketth Barker and Herman S. Fletcher. Feb. 1970. cover title, [1]+20 p. 11. 4° \$\phi\$ Paper, \$3.00. Preliminary surveys of wall boundary layer in Mach 6 axisymmetric tunnel [with list of references]; by Robert A. Jones and William V. Feller, Feb. 1970. cover title, [1]+70 p. 11. 4° \$\phi\$ Paper, \$3.00. Gaseous-helium requirements for discharge of liquid hydrogen from 1.52-meter-(5 ft-) diameter spherical tank [with list of references]; by Robert J. Stochl [and others]. Jan. 1970. cover title, iv-61 p. 11. 4°
5938	D-5620.	Preliminary surveys of wall boundary layer in Mach 6 axisymmetric tunnel [with list of references]; by Robert A. Jones and William V. Faller Feb 1970 cover the [11-70 n 149 de Paper \$200]
5939	D-5621,	Gaseous-helium requirements for discharge of liquid hydrogen from 1.52-meter-(5 ft-) diameter spherical tank [with list of references]; by Robert J. Stochl [and others]. Jan. 1970. cover title, iv+61 p. il. 4° Paper. \$3.00.
5940		by Robert J. Stochl [and others]. Jan. 1970. cover title, iv+61 p. il. 49 \$\Phi\$ Paper, \$3.00. Study of display systems for manual guidance of large launch vehicles utilizing X-15 airplane and flight simulators [with list of references]; by Armando E. Lopez, Gordon H. Hardy, and Ronald M. Gerdes. Jan. 1970. cover title, iv+16 p. il. 4° \$\Phi\$ Paper, \$3.00.
5941	D-5633.	1970. cover title, iv+16 p. il. 4° \$\Paper\$, \$3.00. Shear layer and jet instability in stratified media [with list of references]; by George H. Fichtl. Feb. 1970. cover title, x+163 p. il. 4° \$\Paper\$, \$3.00.
5942	D-5634.	Discontinuous flows and free streamline solutions for axisymmetric bodies at zero and small angels of attack [with list of references]; by Heinz G. Struck. Feb. 1970. cover title, ix+144 p. il. 4° \$\Paper\$, \$3.00.
5943	D-5635.	Calculated wind-tunnel-boundary-lift-interference factors for rectangular perforated test sections [with list of references]; by Benford L. Schilling and Ray H. Wright. Jan. 1970. cover title, [1]+62 p. 11. 4° \$\phi\$ Paper, \$3.00. Effects of pressure distributions on bluff tension-sell shapes [with list
594 4	D-5636.	Effects of pressure distributions on bluff tension-shell shapes [with list of references]; by James Wayne Sawyer. Feb. 1970. cover title, [1] +38 p. il. 4° Φ Paper, \$3.00.
5945		transport [with list of references]; by Joseph R. Chambers and Sue B. Grafton Feb 1970 cover title [1] +51 p. il 4° & Paper \$3.00
5946	D-5638.	Local flow field around pylon-mounted dummy ramjet engine on X-15-2 alrplane for Mach numbers from 2.0 to 6.7 [with list of references]; by Frank W. Burcham, jr., and Jack Nugent. Feb. 1970. cover title, ii1+55 p. il. 4° \$\phi\$ Paper, \$3.00.
5947	D-5642.	iii+55 p. il. 4° Φ Paper, \$3.00. Adaptive random-search algorithm for implementation of maximum principle [with list of references]; by Elwood C. Stewart, William P. Kavanaugh, and David H. Brocker, Feb. 1970, cover title, iii+67 p. il. 4° Φ Paper, \$3.00. L.C. card 70-606135
5948		Tests of single-tube-in-shell water boiler with helical-wire insert, inlet nozzle, and 2 different inlet-region plugs [with list of references]; by James R. Stone and Nick J. Sekas. Feb. 1970. cover title, [1]+46
5949	D-5652.	Survey of literature on flow characteristics of single turbulent jet impinging on flat plate [with list of references]; by James W. Gauntner, John N. B. Livingood, and Peter Hrycak. Feb. 1970. cover title, iii+43 p. il. 4° Paper, \$3.00.

		and the state of t
	NASA tec	chnical note TN (series)—Continued Effect of plug base contour on performance of fully truncated plug noz-
5950		Moreor and Robby L. Berrier, Feb. 1970, cover title, [1] +38 p. il. 4°
5951	D-5656.	Paper, \$3.00. RAPIER, FORTRAN 4 program for multiple linear regression analysis represents the program for multiple linear regression and the program for multiple linear regression analysis represents the program for multiple linear regression and the program for multiple linear regression and the program for multiple linear regression and th
0002		by Steven M. Sidik and Bert Henry. Feb. 1970. cover title, iii+87
5952	D-5657.	a state of magnetism ologerode in molten mixtures of illimiting
		references]; by Lawrence H. Thaller. Feb. 1970. cover title, [1]+16
5953	D-5658.	Steady-state electrical performance of 400-hertz Brayton cycle turbo-
		Steady-state electrical performance of 400-hertz Brayton cycle turbo- alternator and controls [with list of references]; by Martin E. Val- gora and Dennis A. Perz. Feb. 1970. cover title, [1]+27 p. il. 4° \$\Phi\$ Paper, \$3.00.
5954	D-5659	Faper, \$5.00. Electron paramagnetic resonance study of order in several nematic liquid-crystals [with list of references]; by George C. Fryburg and Edward Gelerinter. Feb. 1970. cover title, [1]+12 p. il. 4° \$\Phi\$ Paper,
5955	D-5661,	Design charts of static and rotary stability derivatives for cropped double-delta wings in subsonic compressible flow [with list of references]; by John E. Lamar. Feb. 1970. cover title, [1]+79 p. il. 4°
		# Paper \$3.00.
5956	D-5662	Effects of ground proximity on longitudinal aerodynamic characteristics of unswent aspect ratio 10 wing [with list of references]; by Arthur
		of unswept aspect-ratio-10 wing [with list of references]; by Arthur W. Carter. Feb. 1970. cover title, [1] +60 p. il. 40 Paper, \$3.00.
5957	D-5664.	Newton-Raphson conjugate-gradient technique for calculation of axisym- metric buckling of shallow spherical shells with variable edge con-
		metric buckling of shallow spherical shells with variable edge constraint [with list of references]; by Harry G. Schaeffer. Feb. 1970. cover title, [1] + 30 p. il. 4°
5958	D-5667.	Effect of 3½ percent silicon on adhesion, friction, and wear of iron in
		Effect of 3½ percent silicon on adhesion, friction, and wear of iron in various media [with list of references]; by Donald H. Buckley. Feb. 1970, cover title, [1]+16 p. il. Φ Paper, \$3.00.
5959	D-5668.	Statistical analysis of meteoroid penetration data including effects of cutoff [with list of references]; by J. M. Alvarez. Feb. 1970. cover
5960	D-5669.	Evaluation of flash X-ray technique for recession measurements in abla-
		Evaluation of flash X-ray technique for recession measurements in ablative materials [with list of references]; by William D. Brewer and Philip C. Kassel, jr. Feb. 1970. cover title, [1]+22 p. il. 4° Φ Paper. \$3.00.
5961	D-5670.	T. d
		pressive strength of titanium-alloy skin-stringer panels [with list of references]; by James E. Gardner and Dick M. Royster. Feb. 1970. cover title. [1] + 32 p. il. 4° Paper, \$3.00.
5962	D-5671.	
0002	2 00.2.	in velocity space with application to magnetic mirror systems [with
		in velocity space with application to magnetic mirror systems [with list of references]; by Gerald W. Englert. Feb. 1970. cover title, iii+75 p. ii. 4° \$\phi\$ Paper, \$3.00.
5963	D-5672.	Performance of furboiet combustor using natural gas fuel heated to
		Robert R. Tacina, Feb. 1910. Cover title, [1] +13 p. n. 4. Tapel,
5964	D-5673.	\$3.00. Steady-state analysis of Brayton space-power system [with list of ref-
		erences]; by John D. Klann. Feb. 1970. cover title, 111+38 p. 11. 40 p. 20. 40 Paner. \$3.00.
5965	D-5674.	Design and performance of high-frequency wattage-to-voltage converter
		[with list of references]; by James E. Vranick. Feb. 1970. cover title, [1]+16 p. il. 4° \$\Paper\$, \$3.00.
5966	D -5675.	Direct measurements of turbulent skin friction on nonadiabatic flat plate at Mach number 6.5 and comparisons with 8 theories [with
		itst of references1 · hy Edward J. Hopkins, Earl R. Keener and Pearl
F0.07	D =070	T. Louie, Feb. 1970. cover title, iv+30 p. il. 4° \$\phi\$ Paper, \$3.00. Handling qualities of XB-70 airplane in landing approach [with list
5967	D-3010.	of references]; by Donald T. Berry and Bruse G. Powers, Feb. 1970.
5968	D 5677	cover title, [1]+64 p. il. 40 Paper, \$3.00. Polynomial method for determining local emission intensity by Abel
9900	1)5011.	inversion [with list of references]; by Chul Park and Dan Moore, Feb. 1970, cover title, [1] + 18 p. 11. 4° \$\phi\$ Paper, \$3.00.
5969	D_5678	1970, cover title, [1] + 18 p. 11. 4° Paper, \$3.00. Rotating shaft-mounted microelectronic data system [with list of ref-
0000	2 00.0.	Rotating shaft-mounted microelectronic data system [with list of references]; by Daniel J. Lesco, John C. Sturman, and William C. Nie-
5970	D-5683	berding. Feb. 1970, cover title, lil+24 p. il. 4° \$\Paper\$, \$3.00. Lyapunov stability criteria for randomly sampled system [with list of references]; by Leonard Tobias. Feb. 1970, cover title, [1]+28 p. il.
0010	_ 0000	references]; by Leonard Tobias. Feb. 1970. cover title, [1] +28 p. il
5971	D-5684.	4º Φ Paper, \$3.00. Probability learning, 1st-order Markov structures of quarternary events
		[with lists of references]; by Edward M. Huff. Feb. 1970. cover title [1]+13 p. il. 4° \$\phi\$ Paper, \$3.00.
		[1] T 10 p. 11. 4° Y 1 aper, \$0.00.

- D-5685. Dynamic behavior of air lubricated pivoted-pad journal bearing-rotor system: 1, Effects of mount stiffness and damping [with list of references]; by Zolton N. Nemeth and William J. Anderson. Feb. 1970. cover title, [1] + 25 p. il. 4° Φ Paper, \$3.00.
 D-5687. Effect of wall roughness on damping of liquid oscillations in rectangular tanks [with list of references]; by Frank M. Bugg. Mar. 1970. cover title, vi+34 p. il. 4° Φ Paper, \$3.00.
 D-5697. Compressive instability and strength of uniaxial filament reinforced epoxy tubes [with list of references]; by John G. Davis, jr. Mar. 1970. cover title, [1] +45 p. il. 4° Φ Paper, \$3.00.
 D-5712. Solid of model universes [with list of references]; by Windsor L. Sherman. Feb. 1970. cover title, [1] +48 p. il. 4° Φ Paper, \$3.00. 5972
- 5973
- 5974
- 5975
 - NASA technical report R (series). NAS 1.12:(nos.)
- 319. Fourier transform representations of ideal lens in coherent optical systems [with list of references]; by Gerald J. Grebowsky. Jan. 1970. cover title, iii+62 p. il. 4° Φ Paper, \$3.00. L.C. card 75-606131 5976
- 323. Opacity probability distribution functions for carbon monoxide at elevated temperatures [with list of references]; by Virgil G. Kunde. Feb. 1970. cover title, iii+111 p. il. 4° Φ Paper, \$3.00. L.C. card 73-606432 5977
- 5978
- L.C. card 73-606432
 328. Automated fault diagnostics for frequency-dependent circuits by correlation and variance techniques [with bibliography]; by Henry B. Metcalf. Feb. 1970. cover title, [1]+21 p. il. 4° Φ Paper, \$3.00.
 331. Radiation from slots on cylindrical bodies using geometrical theory of diffraction and creeping wave theory [with list of references]; by Constantine A. Balanis. Feb. 1970. cover title, [1]+77 p. il. 4° Φ Paper, 5979
 - NASA technical translation TT (series).
- F-592. Effect of solar activity on frequency of functional leukopenias and relative lymphocytoses [with list of published works of author]; by N. A. Shul'ts. Feb. 1970. cover title, [1]+18 p. 4° [Translation of summary report, Academy of Medical Sciences, USSR, Moscow, 1967.] Paper, \$3.00.

 L.C. card 72-606133 NAS 1.13/2: F-592 5980
 - National Space Science Data Center NSSDC (series).
- 70-01. OGO program bibliography, suppl. 3; compiled by David T. Kohnhorst. Jan. 1970. viii+80 p. 4° [Contains all new citations collected since July 1968 cumulative edition.] † Item 830-T NAS 1.37: 70-01 5981
- 5982 Requirements for packaging, handling, and transportation for aeronautical and space systems, equipment and associated components. Dec. 1969 edition. [1970.] cover title, [29] p. 4° (NHB 6000.1 (1A), transportation and logistics publication.) * Paper, 35c. • Item 830-F NAS 1.18: P 12

NATIONAL AGRICULTURAL LIBRARY, Agriculture Dept. Washington, DC 20250

- Library list.
- 97. DDT [1,1-dichloro-2,2-bis (P-chlorophenyl) ethylene] list of references selected and compiled from files of Pesticides Information Center, National Agricultural Library, 1960-1969. Jan. 1970. cover title, iii+143 p. 4° ↑ Item 95-A L.C. card 70-606222 A 17.17:97 5983

NATIONAL AIR POLLUTION CONTROL ADMINISTRATION, Health, Education, and Welfare Dept. Washington, DC 20204

- Note .- See Notice on page 1.
- 5984 Clean air act as amended (highlights). [1969.] [6] p. narrow 8° † 483-E-1 HE 20.1302: Ai 7
- 5985 NAPCA abstracts bulletin. ([Office of Technical Information and Publications (OTIP), Air Pollution Technical Information Center (APTIC), Raleigh, N.C.]) [Irregular.] † • Item 483-E-3

HE 20.1303/3: (v.nos.& nos.)

v. 1, no. 1-- [1970.]-

ΦFor Sale by Clearinghouse, U.S. Department of Commerce, Springfield, Va. 22151 • Sent to Depository Libraries

- National Air Pollution Control Administration publication AP (series). HE 20.1309: (nos.) • Item 483-E
- 5986
- 5987
- 5989
- 5989
- 5990
- 1tem 483-E
 4tem 481-E
 4tem 483-E
 4tem 481-E
 < 5991
 - National Air Pollution Control Administration publication APTD (series).
- 69-22. Air quality data from National Air Surveillance Networks. 1967 edition.

 Nov. 1969. ix+184 p. il. 40 (Division of Air Quality and Emission Data.) † Office of Technical Information and Publications, National Air Pollution Control Administration, 1033 Wade Ave., Raleigh, NC 27605

 Item 483-E

 L.C. card 74-601621

 HE 20.1309/2:69-22 5992
- Report for consultation on Chattanooga interstate air quality control re-5993 gion (Tennessee-Georgia). Dec. 1969. [published 1970]. [1]+59 p. il. 4° † • Item 483-E L.C. card 77-600866
- Report for consultation on metropolitan Birmingham intrastate air qual-5994 ity control region (Alabama) [with list of references]. Dec. 1969. [published 1970]. [1] +xi+44 p. il. 4° † • Item 483-E HE 20.1310: B 53 L.C. card 77-600866

NATIONAL ARCHIVES AND RECORDS SERVICE, General Services Administration, Washington, DC 20408

- National Archives microfilm publications: Pamphlet accompanying microcopy. (National Archives.)
- 689. Letters received by Office of Adjutant General, main series 1881-89; | pre-pared by Violet M. Alexander and others]. 1969. cover title, 32 p. ‡ GS 4.20:689 5995

NATIONAL BUREAU OF STANDARDS, Commerce Dept. Gaithersburg, MD 20760

- Building science series. Item 241-A C 13.29/2:(nos.)
- Performance of buildings, concept and measurement, proceedings of 1st conference in series of conferences on man and his shelter, held at Gaithersburg, Md., Sept. 23-25, 1968 [with lists of references]; edited by W. W. Walton and B. C. Cadoff. Jan. 1970. v+126 p. il. 4° (Building Research Division, Institute for Applied Technology.) * Cloth, \$2.75.

 L.C. card 70-600414

 Proceedings of seminar on divisibility of traveleting close. 5996
- L.C. card 70-600414
 20. Proceedings of seminar on durability of insulating glass, held at National Bureau of Standards, Gaithersburg, Md., Nov. 14-15, 1968; Henry E. Robinson, editor. Feb. 1970. vi+79+[1] p. il. 4° (Building Research Division, Institute for Applied Technology.) [Seminar sponsored by American Society for Testing and Materials, Committee E-6, Building Research Institute, Construction Specifications Institute and National Bureau of Standards.] * Paper, 75c.
 LC. card 76-805658. 5997 L.C. card 76-605058
- 21. Algorithms for psychometric calculations (skeleton tables for thermodynamic properties of moist air) [with list of references; by] T. Kusada. Jan. 1970. lil+50 p. 4° (Building Research Division, Institute for Applied Technology.) * Paper, 55c.

 L.C. card 76-600863 5998

*For Sale by Superintendent of Documents †Distribution Made by Issuing Office ‡Official Use. Not Available

Page 80

- 22. Investigation of performance characteristics for sanitary plumbing fixtures. Jan. 1970. iv +68 p. il. 4° (Building Research Division, Institute for Applied Technology.) [Conducted as requested by Building Research Advisory Board, National Academy of Sciences, National Research Council, Washington, D.C.] * Paper, 70c. L.C. card 71-600906 5999
- Measurements users bulletin, no. 9: Supplement to NBS special publication 6000 250, 1968 edition. Jan. 1970. [39] p. il. 4° [Includes edge index and instructions for use. Issued with perforations.] † • Item 247

C 13.10: 250/3/supp.-8

C 13.10:(nos.)

Special publications. • Item 247

Price and availability listing of standard reference materials supplement. Jan. 1970. [2]+21 p. 4° ([Office of Standard Reference Materials.]) † 6001 260

6002

terials.]) †
260-17. Standard reference materials: Boric acid, isotopic and assay standard reference materials [with list of references; by] E. J. Catanzaro [and others]. Feb. 1970. x+[60]+[1] p. ll. 49 * Paper, 65c.
260-19. Standard reference materials; Analysis of interlaboratory measurements on vapor pressure of gold (certification of stafard reference material 745); [by] Robert C. Paule and John Mendel. Jan. 1970. iii+18 p. il. 49 (Institute for Materials Research.) * Paper, 30c. L.C. card 70-603290 6003

Bibliography on atomic transition probabilities, Jan. 1916—June 1969; [by] B. M. Miles and W. L. Wiese. Feb. 1970. viii+104 p. 4° [Supersedes miscellaneous publication 278 and supplement.] * Paper, \$1.25. L.C. card 76-604227
See, below, 1969 technical highlights of National Bureau of Standards. 6004 320.

6005 325.

1969 technical highlights of National Bureau of Standards, Institute for 6006 Basic Standards, Institute for Applied Technology, Institute for Materials Research, Center for Radiation Research, Center for Computer Sciences and Technology, annual report, fiscal year 1969. Mar. 1970. vi+238 p. il. (Special publication 325.) * Paper, \$1.25. ● Item 238 & 247 C 13.1: 969 L.C. card 6-23979

Technical notes. • Item 249-A C 13.46: (nos.)

509. Separation and Purification Section: Summary of activities, July 1968—
June 1969 [with list of references]; edited by David H. Freeman and
Walter L. Zielinski, jr. Feb. 1970. xii+62 p. il. 4° (Separation and
Purification Section, Analytical Chemistry Division, Institute for Materials Research.) * Paper, 70c. ● Item 249—A C13.46:509

513. Hydrogen fluoride and thermochemistry of fluorine [with list of references;
by] George T. Armstrong, Feb. 1970. iii+19 p. il. 4° (Physical Chemistry
Division, Institute for Materials Research) [Research supported by Ali-6007

6008 Division, Institute for Materials Research.) [Research supported by Air Force Office of Scientific Research, Office of Aerospace Research, Air Force under AFOSR contract ISSA 68-0004.] * Paper, 30c.

516. Selective roll-to-roll printer for producing duplicate microfilm copies; [by]
James N. Strohlein and Thomas C. Bagg. Feb. 1970. [1]+8+[1] p. il.
4° (Information Processing Technology Division, Center for Computer
Sciences and Technology.) [Work sponsored by National Library of
Medicine.] *Paper, 25c. 6009

517. Accelerometer calibration with earth's field dynamic calibrator; [by] John S. Hilten. Mar. 1970. iii+28 p. il. 4° (Electronic Technology Division, Institute for Applied Technology.) * Paper, 35c. 6010

Technical publications. [Jan. 1970.] [10] p. il. narrow 8° † • Item 240-A 6011 C 13.37/4: T 22/969

NATIONAL CAPITAL PLANNING COMMISSION Washington, DC 20576

Elements of comprehensive plan for National Capital, adopted by the 6012 Commission through Sept. 30, 1969 pursuant to sec. 4 of National Capital planning act of 1952. [1970.] [4] +44 p. il. 3 maps, oblong 8° [One map is colored.] † • Item 831-A NC 2.2: P 69/3 L.C. card 71-606260

> ΦFor Sale by Clearinghouse, U.S. Department of Commerce, Springfield, Va. 22151 Sent to Depository Libraries

NATIONAL CENTER FOR HEALTH STATISTICS, Health, Education, and Welfare Dept. Washington, DC 20201

NOTE. - See Notice on page 1.

Vital and health statistics: Series 11, Data from National Health Survey. • Item 500-E

Skinfolds, body girths, biacromial diameter, and selected anthropometric indices of adults, United States, 1960-62 [with list of references]; by Howard W. Stoudt [and others]. Feb. 1970. iv+63 p. il. 4* ([Public Service publication 1000; Division of Health Examination Statistics].) [Prepared in cooperation with Bureau of Census.] * Paper, 60c. 6013

L.C. card 72-601417 Need for dental care among adults, United States 1960-62 [with list of references; by James T. Baird, jr. and James E. Kelly]. Mar. 1970. iv+22 p. il. 4° ([Public Health Service publication 1000, series 11, p. 1987 [St. Division of Health Examination Statistics.]) Paper, 35c. 6014 36. iv+22 p. il. 4° ([Public Health Service publication of Health Examination Statistics.]) L.C. card 76-603010

- 101. Visual acuity of children, United States [with list of references; by Jean Roberts and Kenneth R. Duyan]. Feb. 1970. iv+35 p. il. 4° ([Public Health Service publication 1000, series 11, no. 2; Division of Health Examination Statistics.]) [Prepared in cooperation with Bureau of 6015 Census.] * Paper, 45c. L.C. card 70-602408
- 102. Hearing levels of children by age and sex, United States; [by Jean Roberts and Paul Huber], Feb. 1970, iv+51 p. il. 4° ([Public Health Service publication 1000, series 11, no. 102.]) ([Division of Health Examination 6016 Statistics.]) * Paper, 55c. L.C. card 75-602404
 - -Series 20, Data from National Vital Statistics System.
- 7. Study of infant mortality from linked records, methods of study and registration aspects, United States [with list of references; by Helen C. Chase]. Feb. 1970. vi+44 p. il. 4° ([Public Health Service publication 1000, series 20, no. 7; Office of Health Statistics Analysis.]) * Paper, 50c. 6017 • Item 500-E HE 20.2210: 20/7 L.C. card 73-602409
 - Series 21, Data from National Vital Statistics System.
- 18. Children of divorced couples: United States, selected years [with list of references: by Alexander A. Plateris]. Feb. 1970, vi+40 p. il. 49 ([Publication 1000, series 21, no. 17; Division of Vital Statistics.]) * Paper, 50c. Item 500-E 6018 L.C. card 71-601430

NATIONAL CENTER FOR SOCIAL STATISTICS, Health, Education, and Welfare Dept., Washington, DC 20201

Note.—The National Center for Social Statistics was established as part of Social and Rehabilitation Service to provide staff coordination, direction, and advice for all statistical activities and programs for SRS.

NOTE .- See Notice on page 1.

- Medicaid and other medical care financed from public assistance funds, 6019 selected statistics, 1951-69; [prepared by Dorothy B. West with assistance of Harold Coleman and Gloyd Robison]. [1970.] cover title, vii+75 p. il. 4° (NCSS report B-6 (1951-69).) [Issued with perforations.] • Item 512-D-2
 - HE 17 621: 951-69 L.C. card 76-606457
- Program facts on federally aided public assistance income maintenance 602C programs, 1969; [by David B. Eppley]. [1969.] 6+[10] p. il. 4° (NCSS HE 17.614:969 report A-6(10/69).)
- OAA and AFDC, cost standards for basic needs and percent of such stand-6021 ards met for specified types of cases, July 1969. [July 1969.] [8] p. il. 4" (NCSS report D-2.) [Issued with perforations.] †

NATIONAL COMMUNICABLE DISEASE CENTER, Health, Education and Welfare Dept. Atlanta, GA 30333

NOTE .- See Notice on page 1.

6022 Report tuberculosis data, 1968. 1970 edition. [1970.] iv+48 p. il. 4° ([Public Health Service publication 638]; Tuberculosis Branch, Atlanta, Ga.)

* Paper, 50c. • Item 500-D

L.C. card 55-61131 HE 20.2313: 970

NATIONAL GUARD BUREAU, Defense Dept. Washington, DC 20310

NGB pamphlet.

6023 45-3. Training: On-site air defense units. [Dec. 15, 1969, published 1970.] cover title, [14] p. 4° (Departments of Army and Air Force.) [Effective Jan. 1, 1970. Issued with perforations. Supersedes NGB pamphlet 45-2, Nov. 30, 1968 and NGB pamphlet 45-2, Apr. 20, 1968.] tem 358

NATIONAL HEART AND LUNG INSTITUTE, Health, Education, and Welfare Dept., Bethesda, MD 20014

Note.—See Notice on page 1.

- 6024 Artificial Heart Program Conference, proceedings, Washington, D.C., June 9-13,1969 [papers, with lists of references]; edited by Ruth Johnsson Hegyeli. [1969.] [12]+1129 p. il. 4° (Artificial Heart Program.) [Includes list of Technical reports on contracts of Artificial Heart Program.] * Cloth, \$10.00. Item 507-E-1
 L.C. card 75-606087 HE 20.3202: Ar 7
- 6025 Cardiac replacement, medical, ethical, psychological and economic implications, report by Ad Hoc Task Force on Cardiac Replacement [with bibliographies]. Oct. 1969. cover title, ix+93 p. il. 4° * Paper, \$1.00.

 Item 507-E-1

 L.C. card 78-605857

 HE 20.3202: C17
- Dietary management of hyperlipoproteinemia: Handbook for physicians [with bibliography]. [1970.] cover title, viii+83 p. 4° † Office of Heart Information, National Heart and Lung Institute, Building 31, Room 6A03, National Institutes of Health, Bethesda, MD 20014 Item 507-E-2
 L.C. card 78-606637 HE 20.3208: H 99
- 6027 Type 2 diet. [1970.] cover title, v+10 p. 4° † Office of Heart Information, National Heart and Lung Institute, Building 31, Room 6A03, National Institutes of Health, Bethesda, MD 20014 Item 507-E-2 L.C. card 78-606637 HE 20.3208: H 99/type 2
- 6028 Type 3 diet. [1970.] cover title, v+14 p. 4° † Office of Heart Information, National Heart and Lung Institute. Building 31, Room 6A03, National Institutes of Health, Bethenda, MD 20014 Item 507-E-2 L.C. card 78-606637 HE 20.3208: H 99/type 3
- 6029 Type 5 diet. [1970.] cover title, v+13 p. 4° † Office of Heart Information, National Heart and Lung Institute, Building 31, Room 6A03, National Institutes of Health, Bethesda, MD 20014 Item 507-E-2 L.C. card 78-606637 HE 20.3208: H 99/type 5
- 6030 Hyperlipoproteinemia [diagnosis and treatment; by Donald S. Fredrickson and Robert I. Levy]. [Feb. 1970]. cover title, 16 p. 4° † Item 507-E-1 L.C. card 72-606413 HE 20.3202: H 99

 ◆For Sale by Clearinghouse, U.S. Department of Commerce, Springfield, Va. 22151
 ◆Sent to Depository Libraries

6031 National Heart Institute; prepared by Heart Information Center. 1969. [6]+42 p. il. 4° * Paper, 50c. ● Item 507-E-1 L.C. card 70-606407 HE 20.3202: H 35

NATIONAL HIGHWAY SAFETY BUREAU, Transportation Dept. Washington, DC 20591

- Ambulance design criteria [with list of references]; prepared by Committee on Ambulance Design Criteria, with staff assistance from Highway Research Board, Division of Engineering, National Research Council. June 30, 1969. [60] p. 4° (Contract FH-11-6959; National Academy of Engineering.) * Paper, 60c. Item 982-D-3 TD 2.208: Am 1
- Federal motor vehicle safety standards and regulations, supp. 1, Nov. 1969.

 [1970.] [16] p. il. 4° * Paper, \$8.00 (including basic manual and supplementary material for an indefinite period); \$2.00 additional for foreign mailing. Item 982-D-3

 L.C. card 75-605047

 TD 2.206: M 85/969-2/supp.1
- Proceedings of National Highway Safety Bureau Priorities seminar, held at Fredericksburg, Va., July 18–20, 1969. [1969.]
 v. 1, Background and summary, expectations and limitations, final session. cover title, v+56 p. il. 4° L.C. card 79–604111

 TD 2.202: P 33/969/v.1

NATIONAL INSTITUTE OF DENTAL RESEARCH, Health, Education, and Welfare Dept. Bethesda, MD 20014

Note. -- See Notice on page 1.

- 6035 Dental science handbook [with bibliographies]; edited by Lon W. Morrey [and] Robert J. Nelsen. [1969.] [14]+311 p. il. 4° [Joint project with American Dental Association. Illustrations by William A. Norma.]

 * Paper, \$2.75. Item 507-0-2
 L.C. card 75-603909

 HE 20.3408: D 43
- National Institute of Dental Research grants and awards, fiscal year funds 1968 funds, summary tables and indexes; prepared by Reports and Analysis Section. [1970.] x+60 p. † Item 507-0-1 L.C. card 72-601074 HE 20.3402: G 76/968
- 6037 Research explores nutrition and dental health; prepared by Information Office. [1970.] [16] p. il. narrow 8° * Paper, 30c. Item 507-0-1 HE 20.3402: N 95
- 6038 Research explores plaque, combat zone in dental disease; prepared by Information Office. [1969.] [2]+10 p. il. narrow 8° * Paper, 25c; \$18.75 per 100. Item 507-0-1 HE 20.3402: P 69
- Supplement to National Institute of Dental Research directory of U.S. facilities providing cleft lip and cleft palate services. [1970.] [2]+iv +271-300 p. 4° ↑ Item 507-0-1 L.C. card 78-604056 HE 20.3402: C 58/supp.

NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCES, Health, Education, and Welfare Dept. Bethesda, MD 20014

Norn .- See Notice on page 1.

6040 Effects of NIGMS training programs on graduate education in biomedical sciences, evaluative study of training programs of National Institute of General Medical Sciences, 1958-67, conducted by National Research Council. [1969.] x+93 p. il. 4° † ● Item 497-C-1
L.C. card 77-605330 HE 20.3452: T 68

NATIONAL INSTITUTE OF MENTAL HEALTH, Health, Education, and Welfare Dept. Chevy Chase, MD 20015

Note. - See Notice on page 1.

- 6041 Bibliography on human intelligence, National Clearinghouse for Mental Health Information, extensive bibliography; by Logan Wright. [1969.] viii+222 p. 4° ([Public Health Service publication 1839]; National Clearinghouse for Mental Health Information.) * Paper, \$2.50.

 Item 507-B-9
 L.C. card 79-606037

 HE 20.2417: H 88
- Bibliography on urban crisis, behavioral, psychological, and sociological aspects of urban crisis; by Jon K. Meyer. 1969. vii+452 p. 4° ([Public Health Service Publication 1948]; National Clearinghouse for Mental Health Information.) * Paper, \$3.75. Item 507-B-9
 L.C. card 73-605766 HE 20.2417: Ur 1
- 6043 Distant drummer, series of films about drug abuse [announcement and order form]. [1970.] [2] p. il. narrow f° folded into oblong 48° size. †

 Item 507-B-5

 HE 20.2402: D 84
- Drug dependence; [Sidney Cohen and David D. Swenson, editors]. ([National Clearinghouse for Mental Health Information].) [Irregular. Prepared jointly by Division of Narcotic Addiction and Drug Abuse and National Clearinghouse for Mental Health Information.] * Prices vary.

 Item 507-B-8

 Issue No. 1—July 1969—
- 6045 Family in hospital, lessons from developing countries [with lists of references; by] John Elderkin Bell. Apr. 1969. [published 1970.] viii+305 p. il. ([Public Health Service publication 1933; National Clearinghouse for Mental Health Information.)] * Paper, \$1.50. Item 507-B-5 L.C. card 78-606180 HE 20.2402: F 21

Mental health statistics, current facility reports:

- Provisional patient movement and administrative data State and county mental hospitals, United States, July 1, 1968—June 30, 1969. [1969.] 14 p. 4° † LC. card 71-601623 HE 20.2415/2: H 79/968-69
- National Institute of Mental Health support programs; [prepared by Office of Communications]. Revised 1969. [1969.] v+53 p. oblong 12° ([Public Health Service publication 1700 (OC-10M-07); National Clearinghouse for Mental Health Information.]) * Paper, 45c. Item 507-B-6
 L.C. card 79-605379 HE 20.2412: 969
- Quiet cries, play about suicide prevention suitable for presentation by amateur drama groups [with list of suggested readings], by Elizabeth Blake; with discussion guide coordinated by Edwin S. Shneidman. 1969. [published 1970]. ix+26 p. il. [Written and produced for Center Studies of Suicide Prevention by Plays for Living, Division of Family Service Association of America, with PHS research grant MH 16041-01] * Paper, 25c. Item 507-B-5
- 6049 Rotating psychiatric internship training. [Dec. 1969.] [1970.] [2] p. 4°, folded into 48° size. ([National Clearinghouse for Mental Health Information publication 5024.]) [Supp. to U.S.C.S.C. announcement no. WAH-902, issued Sept. 2, 1969.] † Item 507-B-5

 HE 20.2402: T 68
- 6050 Rural mental health centers. [1969.] [12] p. oblong 48° ([Public Health Service publication 1914; National Clearinghouse for Mental Health Information.]) * Paper, 10c. Item 507-B-5 HE 20.2402: R 88

NATIONAL INSTITUTE OF NEUROLOGICAL DISEASES AND STROKE, Health, Education, and Welfare Dept. Bethesda, MD 20014

NOTE .- See Notice on page 1.

6051 Learning to talk, speech, hearing, and language problems in pre-school child. [1969.] 48 p. il. oblong 24° [Includes list of publications for further information.] * Paper, 45c. • Item 507-L-2
L.C. card 74-605769 HE 20.3502: T 14

NATIONAL INSTITUTES OF HEALTH, Health, Education, and Welfare Dept., Bethesda, MD 20014

Note.—See Notice on page 1 and List of Government Authors on page xiii.

Associate training programs in medical and biological sciences at National Institutes of Health, 1970 catalog. [Revised Jan. 1970.] [1970.] cover title, [4]+81 p. ([Public Health Service publication 1294.]) † • Item 507-A-24

L.C. card 65-60919 HE 20.3015: 970

6053 Clinical center, current clinical studies and patient referral procedures.

Revised Dec. 1969. [1969.] v+68 p. narrow 8° (Clinical Center,
Bethesda, Md.) † ● Item 507-A-22

L.C. card 55-60833 HE 20.3010:969

NATIONAL LABOR RELATIONS BOARD Washington, DC 20570

6054 Court decisions relating to National Labor relations act, v. 15, July 1, 1964-Aug. 31, 1965. 1970. xxxviii+1528 p. *Cloth, \$7.25.
L.C. card 44-41303 LR 1.14:15

6055 Decisions and orders of National Labor Relations Board, v. 165, May 31-June 27, 1967. 1970. xi+1125 p. 4° * Cloth, \$10.00. • Item 826 L.C. card 37-26136 LR 1.8: 165

NATIONAL LIBRARY OF MEDICINE, Health, Education, and Welfare Dept., Bethesda, MD 20014

NOTE .- See Notice on page 1.

6056 National Library of Medicine [with bibliographies]. [Revised 1969.] [1970.] [2]+18 p. il. oblong 24° ([Public Health Service publication 1533.]) [Text on p. 3 of cover.] † • Item 508-D

HE 20.3602: N 21

NATIONAL MUSEUM, Smithsonian Institution Washington, DC 20560

Bulletin.

6057 297. Catalogue of Neotropical Squamata; [by] James A. Peters and Braulio Orejas-Miranda, with collaboration of Roberto Donoso-Barros. [Prepared in cooperation with Museum of Natural History, Montevideo, Uruguay and University of Concepcion, Chile.] 1970. *Paper, \$6.75 per set (2 pts.) ● Item 919 pt. 1. Snakes. viii+347 p. il. 4° pt. 2. Lizards and Amphisbaenlans. viii+293 p. il. 4° L.C. card 70-606423 SI 3.3: 297/pt.1-2

Museum of Natural History, 1968 annual report, with list of donors to national collections. 1969. [8]+291-402+ix-lxvi p. il. [From Smithsonian year, 1968, report of Smithsonian Institution for [fiscal year] 1968. Includes lists of staff publications, papers delivered, lectures and seminars.] † SI 3.1/2:968

NATIONAL PARK SERVICE, Interior Dept. Washington, DC 20242

- Death Valley National Monument, Calif. and Nev. [Revised 1970.] [1970.]

 [2] p. il. oblong large 8° folded into narrow 24° size. † Item 650

 I 29.21: D 34/4/970
- 6060 Devils Tower [National Monument, Wyo.] [1970.] [10] p. il. narrow 8°
 * Paper, 10c. Item 650 I 29.21: D 49/4/970
- 6061 Frederick Douglass Home, Washington, D.C. [1970.] [8] p. il. narrow 8° † ● Item 650 I 29.21: F 87/7
- Harpers Ferry National Historical Park, social and economic history of Virginius Island [with bibliography]; by Frank B. Sarles, jr. June 20, 1969. [3]+ii+45 leaves, 4° (Division of History, Office of Archeology & Historic Preservation.) ‡

 1.C. card 77-606137
- 6063 Joshua Tree [National Monument, Calif.] [1970.] [10] p. il. narrow 8°
 * Paper, 10c. Item 650 I 29.21: J 78/2/970
- Moore House [Colonial National Historical Park, Va.] [1969.] [2] p. il. oblong 8°, folded into narrow 8° size. ↑ Item 650
 I 29.21: M 78/2/969
- National parks, USA: Morristown National Historical Park, Gen. Washington's Headquarters, 1779-80 [poster]. 1969. 42 x 28 in. [Commemorating bicentennial of American Revolution, 1776-1976. Illustrator Giusti.]

 * Paper, 30c. 129.20/2: M 83
- 6066 Rainbow Bridge National Monument, Utah. [Revised 1969.] [1969.] [8]
 p. il. narrow 8° † Item 650 I 29.21: R 13/2/969

NATIONAL SCIENCE FOUNDATION Washington, DC 20550

- 6067 Federal funds for research, development, and other scientific activities, fiscal years 1968-70, v. 18; [prepared in Office of Economic and Manpower Studies]. [1969.] x+280 p. il. 4° (Surveys of Science Resources series; NSF 69-31.) * Paper, \$2.50. Item 834-N
 L.C. card 53-61515

 NS 1.18: 18
- 6068 Grants and awards for fiscal year 1969. [1969.] [5]+161 p. 4° ([NSF 70-2.]) * Paper, \$1.75. Item 834-F L.C. card 65-60935 NS 1.10/4: 969
 - Initial reports of Deep Sea Drilling Project. [Project planned by and carried out with advice of Joint Oceanographic Institutions for Deep Earth Sampling (JOIDES).]
- v. 2. Covering leg 2 of cruises of drilling vessel Glomar Challenger, Hoboken,
 N.J. to Dakar, Senegal, Oct.—Nov. 1968 [with lists of references; by]
 Melvin N. A. Peterson [and others]. [Feb. 1970.] xx+501 p. ll. 4s
 ([NSFsp-2.]) [Illustrated lining papers in color, Prepared for National
 Ocean Sediment Coring Program under contract C-482 by University of
 California, Scripps Institution of Oceanography. One illustration is colored.] * Cloth. \$8.25. Item 834-C
 L.C. card 74X603338

 NS 1.2: D 36/2/v.2
 - Mosaic; Jack Kratchman, editor]. [Quarterly.] * Paper, \$2.50 a yr., 75c. additional for foreign mailing; single copy, 70c. Item 834-F-1 NS 1.29:(v.nos.& nos.)
- 6070 v. 1, no. 1— Winter 1970—
 - National Science Board NSB (series).
- 70-1. Physical sciences, report of National Science Board submitted to Congress, 1970 [with list of references]. [1970.] xiv+62 p. il. *Paper, 50c.

 Item 834-Z
 L.C. card 7-605085

 NS 1.28:70-1

 ◆For Sale by Clearinghouse, U.S. Department of Commerce, Springfield, Va. 22151
 ◆Sent to Depository Libraries

NATIONAL TRANSPORTATION SAFETY BOARD, Transportation Dept. Washington, DC 20590

- Accidents, accident rates and fatalities: U.S. certificated route and supplemental air carriers (all operations), 1958–69. Jan. 5, 1970. 1 p. oblong 8° † TD 1.102; Ai 7/4/958–69
- 6073 Lake Michigan squalls, loss of and damage to numerous vessels and loss of life, east coast of Lake Michigan, Sept. 23, 1967, Coast Guard Marine Board of Investigation report and Commandant's action, action by National Transportation Safety Board. Nov. 26, 1968. cover title, [47] leaves. 4° (Marine Board of Investigation.) ‡ TD 1.116: M 58
- Marine casualty report: SS Panoceanic Faith foundering with loss of life, North Pacific, Ocean, Oct. 9, 1967, Coast Guard Marine Board of Investigation report and Commandant's action, action by National Transportation Safety Board. July 1, 1969. cover title, 22+5+13 leaves, 4° ‡ TD 1.116: P11
- 6075 M/V Thorsteam (Nor.) explosion and fire with loss of life, Buffalo, N.Y., June 2, 1967, Coast Guard Marine Board of Investigation report and Commandant's action, action by National Transportation Safety Board. July 23, 1968. cover title, 7+3+19 p. 4° (Marine Board of Investigation.) †
- 6076 National Transportation Safety Board annual report to Congress, 1968, correction sheet. Sept. 1969. 1 p. ‡ Item 982-I
 TD 1.101: 968/corr.sh.
- Preliminary analysis of aircraft data, U.S. civil aviation, 1969. [Jan. 12, 1970.] [3]+17+[1] p. 4° (Bureau of Aviation Safety.) [Issued with perforations.] Φ Paper, \$3.00. TD 1.113/6: 969/prelim.

NATIONAL VISITOR CENTER STUDY COMMISSION Room 2220, Department of Interior Bldg. Washington, DC 20240

Note.—The National Visitor Center Study Commission was created by Public Law 90-264, Mar. 12, 1968.

6078 National Visitor Center, Washington, D.C. report of National Visitor Center Study Commission. [1970.] [56] p.il. † • Item 1089
L.C. card 68-60398 Y 3.N 21/23: 1/967

NAVAL AIR SYSTEMS COMMAND, Defense Dept.

Washington, DC 20360

Fathom; [W. J. 1senhour, editor]. ([Naval Safety Center].) [Quarterly.]

† ● Item 374-A-1

D 202.20:(v.nos.& nos.)

6079 v. 1, no. 3— Winter 1969—

NAVAL OBSERVATORY, Defense Dept. Washington, DC 20350

Air almanac, 1970, May-Aug. 1969. 241-488+F4+A82 p. il. 4° [Text on p. 2-4 of cover. The F4 pages of collation consist of Navigational star chart mounted on cloth, with Stars, May-Aug. 1970, Interpolation of G.H.A., Interpolation of moonrise, moonset, and Star index on verso. Produced jointly by H. M. Nautical Almanac Office, Royal Greenwich Observatory, and by Nautical Almanac Office, United States Naval Observatory. Printed separately in England and United States. United Kingdom edition published by Her Majesty's Stationery Office, to be purchased from 49 High Holborn, London w.c.l. Air publication 1602.]

* Stiffboard, \$3.75. ● Item 393
L.C. card 52-61239

NAVAL OCEANOGRAPHIC OFFICE, Defense Dept. Washington, DC 20390

Publications. • Item 378 (Rev. 1957)

1) 203.22:(nos.)

37. Change 13, Dec. 1969, looseleaf change pages for correcting Sailing directions for north coast of France, 4th edition, 1951, [1970.] [131] p. il. 4% [Includes list of effective pages.] † Paper, \$1.75.

41. Change 8, Jan. 31, 1970, looseleaf change pages for correcting Sailing directions for Kattegat and The Sound, 1st edition, 1956. [1970.] [235] p. il. 4% [Formerly 141A. Includes list of effective pages.] † Paper, \$1.75.

6083

54. Change 1, Feb. 14, 1970, looseleaf change pages for correcting Sailing directions for Mediterranean, v. 3, 4th edition, 1968. [1970.] [275] p. il. 4% [Formerly 153. Includes list of effective pages.] † Paper, \$1.75.

6084

70. Change 12, Jan. 31, 1970, looseleaf change pages for correcting Sailing directions for Malacca Strait and Sumartra, 4th edition, 1951. [1969.] [229] p. il. 4% [Includes list of effective pages.] † Paper, \$1.75.

6085

92. Change 9, Dec. 13, 1969, looseleaf change pages for correcting Sailing directions for Philippine Islands, v. 3, 1st edition, 1956. [1969.] [79] p. il. 4% [Includes list of effective pages.] † Paper, \$1.75.

6086

112. Change 22, Jan. 27, 1970, List of lights and fog signals, western Pacific and Indian Oceans including Persian Gulf and Red Sea. [1970.] [199] p. 4% [Includes list of effective pages and Notice to mariners 3, 1970. Issued in looseleaf form.] † Paper, 50c.

6087

114. Change 19, List of lights and fog signals, British Isles, English Channel, and North Sea; Jan. 3, 1970, [1970.] [128] p. 4% [Includes list of effective pages and Notice to mariners 1, 1970. Issued in looseleaf form.] † Paper, 50c.

NAVAL OPERATIONS OFFICE, Defense Dept. Washington, DC 20390

Battleship in United States Navy. 1970. cover title, 64 p. il. 4° (Naval History Division.) [Text on p. 3 of cover.] * Paper, 65c. • Item 399-A L.C. card 72-604171

NAVAL PERSONNEL BUREAU, Defense Dept. Washington, DC 20390

- Aviation electrician's mate 3 & 2 [with reading list; prepared by Navy Training Publications Center, NAS, Memphis, Millington, Tenn.] [1969 edition.] [1970.] cover title, iv+618 p. il. 4° (Rate training manual; NAVPERS 10348-C.) ‡ Item 404

 L.C. card 62-62030 D 208.11: Av 5/14/969
- 6090 Basic electricity; [prepared by Navy Training Publications Center, NAS Memphis, Millington, Tenn. and other agencies]. [1969 edition.] [1970.] cover title, vii+490 p. il. 4° (Navy training manual; NAVPERS 10086-B.) * Paper, \$4.25. Item 404

 L.C. card 76-606406 D 208.11: El 2/3/969
- Boilermaker 1 & C; [prepared by Training Publications Division, Naval Personnel Program Support Activity.] [1st edition 1960, revised 1969.] [1969.] cover title, iv+433 p. il. 4° (Rate training manual; NAVPERS 10537-B.) ‡ Item 404
 L.C. card 65-60237 D 208.11: B 63/5/969
- Concept of fit guide for naval personnel, app. A to United States Navy uniform regulations, 1969. [1970.] cover title, 135 p. il. 4° (NAVPERS 15665A, appendix A.) *Paper, \$1.25. Item 406

 D 208.6: Un 3/969/app.A
- Construction electrician 1 & C; [prepared by Training Publications Division, Naval Personnel Program Support Activity]. [Original edition 1951, revised 1970.] [1970.] cover title, iv+346 p. il. 4° (Rate training manual; NAVPERS 10637-D.)

 LC. card 78-606460 D 208.11: E 1 2/8/970

 ◆For Sale by Clearinghouse, U.S. Department of Commerce, Springfield, Va. 22151
 ◆Sent to Depository Libraries

- 6094 Construction mechanic 1 & C; [prepared by Training Publications Division of Naval Personnel Program Support Activity]. [1st edition 1951, revised 1970.] [1970.] cover title, iv+223 p. il. 4° (Rate training manual; NAVPERS 10645-D.) ‡ • Item 404 L.C. card 61-64675 D 208.11: M 46/970
- 6095 Dentalman; [prepared by Training Publications Division, Naval Personnel Program Support Activity, Washington, D.C.] [1969 edition.] [1969.] cover title, iv+290 p. il. 4° (Rate training manual; NAVPERS 10681.) • Item 404 D 208.11: D 43/8/969 L.C. card 72-606220
- Shipboard electrical systems; [prepared by Training Publications Divi-6096 sion, Naval Personnel Program Support Activity]. [1st edition 1949, revised 1969.] [1970.] cover title, iv+327 p. il. 4° (NAVPERS 10864-C.) ‡ • Item 404 D 208.11/2: El 2/7/969 L.C. card 74-606226
- Tradesman 1 & C; [with reading list; prepared by Navy Training Publications Center NAS Memphis, Millington, Tenn]. [1969 edition.] [1970.] cover title, iv+351 p. il. 4° (Rate training manual; NAVPERS 10378-C.) ± ● Item 404 D 208.11: T 67/3/969 L.C. card 67-61644

NAVAL RESEARCH OFFICE, Defense Dept. Washington, DC 20390

- D 210.8; (nos.) NRL reports. (Naval Research Laboratory.) 6098
- 102.0.8 (108.)

 103.1 Research Laboratory.)

 103.1 Research Laboratory.) 6099
- 6100
- 6101
- 6927. Universal logic blocks [with llst of references; by] Barry P. Shay, Sept. 17, 1969. cover title, ii+18 p. il. 4° ([NRL problem B 01-04, project RR 003-02-41-6150.]) \$\Phi\$ Paper, \$3.00 (AD 696056).

 6938. Digital diagnostic techniques, survey and recommendations [with list of references; by] William R. Smith, Oct. 2, 1969. cover title, ii+16 p. il. 4° ([NRL problem B 01-04, project RR 003-02-41,6150.]) \$\Phi\$ Paper, \$3.00 (AD 696934). 6102
- \$5.00 (AD 600564).

 Behavior of mechanical properties in neutron irradiated 12Ni-5Cr-3Mo maraging steel plates and companion weld metals [with list of references; byl R. A. Gray, jr. and J. R. Hawthorne. Oct. 2, 1969, cover title, ii+18 p. il. 4° ([NRL problem M 01-14, projects RR 007-11-41-5409, AEC-AT(49-5)-2110, USA-ERG-11-69.]) \$\phi\$ Paper, \$3.00 (AD 696057). 6103
- 6104
- 6105
- 6106
- 696057).
 6952 Effect of static dissipator additive on charging tendency of jet fuels [with list of references; by] Joseph T. Leonard and Homer W. Carhart. Nov. 12, 1970. cover title, ii+18 p. ii. 4° ([NRL problem C-01-05, project RR 001-06-41-5851.]) \$\phi\$ Paper, \$3.00 (AD 698119).
 6962. Proceedings of 1st symposium, 1969 spring superconducting symposia, sponsored by Office of Naval Research and Naval Research Laboratory. Mar. 28, 1969. ix+55 p. ii. 4° \$\phi\$ Paper, \$3.00 (AD 692381).
 6971. Laser radar range equation considerations [with list of references; by] P. W. Wyman. Dec. 11, 1969. cover title, iv+32 p. ii. 4° ([NRL problems R 02-24A, R 06-38; projects A 0-535-208/652-1/F 099-05-02 and RF-17-344-401-4509.]) \$\phi\$ Paper, \$3.00 (AD 699519).
 6991. Relationship between fracture toughness and estimated plastic zone size in steel, titanium, and aluminium alloys [with list of references; by] C. N. Freed and R. J. Goode. Nov. 28, 1969. cover title, ii+16 p. il. 4° ([NRL problem M 01-24, project RR-007-01-46-5431.]) \$\phi\$ Paper, \$3.00 6107
- Wileband ambiguity functions [with list of references; by] David A. Swick. Dec. 30, 1969. cover title, 12 p. 4° ([NRL problem S 02-15, project RF-05-552-401-6075.]) Φ Paper, \$3.00 (AD 700657). 6994. Review 6108

- 6109
- 7001. Capture and spurious target generation due to hard limiting in large time-bandwidth product radars [with list of references; by] Hermann H. Woerrlein. Dec. 22, 1969. cover title, ii+46 p. Il. 4° (NRL problem R 02-38.201, project S-4614-6173.]) \$\Phi\$ Paper, \$3.00 (AD 699887).

 7011. Trends in Charpy-V shelf energy degradation and yield strength increase in neutron-embrittled pressure vessel steels [with list of references; by] J. Russell Hawthorne. Dec. 22, 1969. cover title, ii+26 p. il. 4° (NRL problem M 01-14, projects RR 007-11-46-5409, AEC A (49-5)-2110, and ERG-11-69.]) \$\Phi\$ Paper, \$3.00 (AD 700233). 6110

NAVY DEPARTMENT, Defense Dept. Washington, DC 20350

6111 Fundamentals of COBOL, programmers reference, Change 1, Nov. 1969. [1970.] cover title, [76] p. 4° (NAVREFMANUAL-C; NAVSO P-3063.) [Prepared by U.S. Navy Programming Languages Division in joint cooperation with UNIVAC Division of Sperry Rand Corporation. Issued * Paper, \$1.00. • Item 370-A with perforations.] D 201.6/12: C 73/2/ch.1

PATENT OFFICE, Commerce Dept. Washington, DC 20231

- Classification definitions. (Office of Examining and Documentation Control.) [Issued with perforations.] • Item 252 C 21.3/2:(nos.)
- 6112
- class 417. Pumps, established by Office of documentation. Mar. 1970. [85] p. 4% [Original classification, E. R. Mackert and others.] † Paper, \$1.00. class 418. Rotary expansible chamber devices; established by Office of Documentation. Mar. 1970. [31] p. 4% [Original classification, E. R. Mackert; R. J. Chmiel.] † Paper, 25c. 6113
- 6114 Commissioner of Patents annual report, fiscal year 1969. [1970.] [2]+38 p. * Paper, 25c. • Item 251 L.C. card 12-3671 C 21.1/2:969
- 6115 Manual of classification. [1970.] [843] p. 4° [Reprint, with all replacement pages through Oct. 1969. Issued in looseleaf form.] * Paper, \$14.00 (including basic manual, index, and revised pages for an indefinite period); \$3.50 additional for foreign mailing. • Item 258 C 21.12:969 period): \$3.50 additional for foreign mailing.
- Manual of patent examining procedure, 3d edition, [Nov. 1961, revised pages]. [Revised Jan. 23, 1970.] [1970.] [84] p. 4° [Includes instructions regarding revision 23. Issued in looseleaf form.] * Paper, \$8.50 6116 (including basic manual and supplementary material for an indefinite period]; \$2.50 additional for foreign mailing. • Item 259 C 21.15: 961/rev.notice 23
- Your stake in our patent system, text of address by William E. Schuyler, jr., Commissioner of Patents, for delivery before Seattle Rotary Club. Seattle, Wash., Feb. 4, 1970. 1970. 7 p. 4° C 21.20: Sch 8/4

POST OFFICE DEPARTMENT Washington, DC 20260

- 6118 1969 Annual report of Postmaster General, Post Office Department [July 1, 1968-June 30, 1969]. [1970.] cover title, x+257 p. il. [Also issued as H. doc. 227, 91st Cong., 2d sess.] * Paper, \$1.25. • Item 835 L.C. card 5-9500 P 1.1: 969
 - [Commemorative stamp posters.]
 - Note.-Commemorative stamp posters, which will be issued irregularly, are available on a subscription basis from the Superintendent of Documents, \$1.50 a yr.; 50c additional for foreign mailing.
- 6-cent Herman Melville Moby Dick commemorative stamped envelope will be first placed on sale at New Bedford, Mass., on Mar. 7, 1970. 10.5 x 8 in. P 1.26/2: M 71 6119
- 6120 Licensed vendor listing, uniform allowance program. Feb. 1970. [1]+40 p. 4° (POD publication 136.) * Paper, 40c. • Item 837 P 1.2: V 55/970

 ΦFor Sale by Clearinghouse, U.S. Department of Commerce, Springfield, Va. 22151 • Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

6121 Selling to Post Office Department. Feb. 1970. cover title, iii+27 p. il. (POD publication 151.) † • Item 837 P 1.2: Se 5 L.C. card 73-606408

State postal maps.

Massachusetts, Rhode Island, and Connecticut, Dec. 1, 1969. 25 m.=3.7 in. [1969.] 26 x 32 in. *Paper, 35c. P1.39/2: M 38/969 New Mexico, Oct. 1, 1969. Scale 60 m.=4 in. [1969.] 31 x 26 in. *Paper 35c. L.C. card 78-653654 6122 6123

PRESIDENT OF UNITED STATES Washington, DC 20501

- New life for the country, report of President's Task Force on Rural Devel-6124 opment. Mar. 1970. vii+51 p. * Paper, 35c. • Item 851-J L.C. card 71-606374 Pr 37.8: R 88/L 62
- Oil import question, report on relationship of oil imports to national 6125 security, by Cabinet Task Force on Oil Import Control. Feb. 1970. xiv+399 p. il. * Paper, \$2.00. ● Item 851-J L.C. card 75-606229 Pr 37.8: Oi 5/Im 7
- Poverty amid plenty, American paradox, report of President's Commis-6126 sion on Income Maintenance Programs. Nov. 1969. x+155 p. il. 4° [Includes lists of references in footnotes. Other illustrations on p. 1-4 of cover. * Paper, \$1.75. • Item 851-J Pr 36.8: In 2/P 86 L.C. card 71-605334

President's Commission on All-Volunteer Armed Force [report]. Feb. 1970. xiii+211 p. * Paper, \$1.25. ● Item 851-J Pr 37.8: Ar 5/R 29/970 L.C. card 78-605447

- Proceedings of panel on international scene. May 1, 1969. [4]+36 p. il. 4° 6128 ([President's Committee on Employment of the Handicapped.]) † 7131 Department of Labor Building, Washington, DC 20210 • Item 766-C PrEx 1.10: In 8/969 L.C. card 76-606264
- U.S. foreign policy for 1970's, new strategy for peace, report to Congress, by Richard Nixon, President of United States, Feb. 18, 1970. [1970.] vii+160 p. il. [Also issued as H. doc. 258, 91st Congress, 2d session.] * Paper, 75c. Item 850 (all depository libraries). 6129 L.C. card 77-606090 Pr 37.2: F 76

PUBLIC DOCUMENTS DIVISION, Government Printing Office Washington, DC 20402

- Bulletin, [Lincoln, Lee, and American Civil War], National Park Service publications [for sale by Superintendent of Documents]. [1970.] [2] p. il. 4° † • Item 552 GP 3.22: N 21 p/970
- GP 3.9: (nos.) Price list PL (series). † • Item 554 6131
- 19. Army field manuals and technical manuals; Feb. 1970. 57th edition. [1970.]

 [2]+12 p.

 L.C. card 26-26487
 78. Social services, aging, family planning, handicapped, medicaid, nursing homes, pensions and retirement, poverty, social security and social welfare; Feb. 1970. 18th edition. [1970.] [2]+25 p.

 L.C. card 49-46433 6132

PUBLIC HEALTH SERVICE, Health, Education, and Welfare Dept. Washington, DC 20201

NOTE, -- See Notice on page 1 and List of Government Authors on page xiii. HE 20.10: (nos.) Health information series. • Item 486

104. Headache, hope through research; [prepared by Information Office, National Institute of Neurological Diseases and Stroke]. [Revised 1969.] [1970.] 20 p. il. narrow 8° ([Publication 905]; National Institutes of Health.) * Paper, \$11,25 per 100; single copy, 15c.

109. Cancer of uterus; [prepared by Research Information Branch, National Cancer Institute]. [Revised 1970.] [1970.] [6] p. il. narrow 8° (National Institutes of Health.) * Paper, \$5.50 per 100; single copy 10c. 6133

6134

*For Sale by Superintendent of Documents †Distribution Made by Issuing Office ‡Official Use. Not Available

Page 92

APRIL 1970

110. Cancer of bone; [prepared by Research Information Branch, Cancer Institute]. [Revised 1970.] [1970.] [6] p. narrow 8° ([Public Health Service publication 1070]; National Institutes of Health.)

*Paper, \$5.50 per 100; single copy 10c.

120. Cancer of stomach; [prepared by Research Information Branch, Cancer Institute]. [Revised 1970.] [1970.] 8 p. narrow 8° (National Institutes of Health.)

*Paper, \$5.50 per 100; single copy 10c. 6135

6136

PUBLIC ROADS BUREAU, Transportation Dept. Washington, DC 20591

- Computer aids highway construction quality assurance; by T. F. McMahon. 6137Oct. 15, 1969. [1] +26 leaves, il. 4° (Materials Division, Office of Research and Development.) [Prepared for presentation at 55th annual meeting of American Association of State Highway Officials, Philadel-TD 2.102: C 73 phia, Pa., Oct. 27-31, 1969.] ‡
- Factors affecting productivity of central plant concrete mixers, tune up 6138 cycle time, reduce delays; by F. M. Bozarth. June 1969. [22] p. il. 4° (Office of Research and Development, Structures and Applies Mechanics TD 2.102: C 74/2 Division.)
- National highway functional classification and needs study manual (1970-6139 90). Feb. 1970. [329] p. il. 4° [Approved under Budget Bureau 04–869053, approval expires Jan. 31, 1972. Reporting and/or recordkeeping requirements contained herein have been approved by Budget Bureau in accordance with Federal reports act of 1942.] † • Item 265-A TD 2.108: H 53/2/970-90

RAILROAD RETIREMENT BOARD Chicago, IL 60611

1969 annual report for fiscal year. [1970.] vi+64 p. il. [Also issued as H. doc. 252, 91st Cong., 2d sess.] * Paper, 35c. ● Item 858 6140 RR 1.1: 969 L.C. card 37-26201

RECLAMATION BUREAU, Interior Dept. Washington, DC 20240

- California undersea aqueduct prereconnaissance study [with bibli-6141 ographies]. Dec. 1969. [113] leaves, il. 4° (Office of Chief Engineer, I 27.2: C 12/2 Denver, Colo.)
- Cumulative supplement to 1957 edition of Bureau of Reclamation project 6142 feasibilities and authorizations, compilation of findings of feasibilities and authorizations for Bureau of Reclamation projects through 90th Congress; 1968. [1969.] xix+595 p. l. tab. † • Item 660 L.C. card 57-61774 I 27.2: P 94/14/957/supp.-2
- Irrigation operators' workshop, 1969, lecture notes [1969.] cover title, [510] 6143 p. il. 4° (Division of Irrigation Operations, Office of Chief Engineer, Denver, Colo.) ‡ I 27.2: Ir 7/10/969 L.C. card 68-61659

REGIONAL MEDICAL PROGRAMS SERVICE, Health, Education, and Welfare Dept. Bethesda, MD 20014

NOTE .- See Notice on page 1.

Benefit-cost analysis of kidney disease programs [with bibliography]; by 6144 David A. LeSourd, Mark E. Fogel, [and] Donald R. Johnston. Aug. 1968 [published 1969.] ix+131 p. il. ([Public Health Service publication 1941]; Kidney Disease Control Program, Division of Chronic Disease Programs Servce); [Prepared under contract PH 86-67-284 by Research Triangle Institute, Operations, Research and Economic Division, Research Triangle Park, N.C.] * Paper, 60c. ● Item 483-L-1 HE 20.2602: K 54/2 L.C. card 70-605371

> ΦFor Sale by Clearinghouse, U.S. Department of Commerce, Springfield, Va. 22151 • Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

- 6145 Diabetes guide for nurses [with list of suggested references; revised by Elizabeth Walker]. [June 1962, revised 1969.] [1969.] vi+45 p. il. ([Public Health Service publication 861]; Division of Chronic Disease Programs, Diabetes and Arthritis Control Program.) * Paper, 30c. Item 483-L-2 L.C. card 70-605485 HE 20.2608: D 54
- 6146 Economic cost of kidney disease and related diseases of urinary system [with lists of references]; by Jerome B. Hallan, Benjamin S. H. Harris III and Albert V. Alhadeff, Research Triangle Park, N.C. Aug. 1968 [published 1970.] xix+167 p. ([Public Health Service publication 1940]; Kidney Disease Program, Division of Chronic Disease Programs, Regional Medical Programs Service: contract PH-108-66-266; RTI project OU-281.) * Paper, 75c. Item 483-L-1

 L.C. card 73-605372 HE 20.2602: K 54
- 6147 If you must smoke, 5 ways to reduce risks of smoking. [Revised Jan. 1970.] [1970.] [6] p. narrow 8° ([Public Health Service publications 1786; National Clearinghouse for Smoking and Health.]) * Paper, \$5.50 per 100; single copy, 10c. Item 483-L-1 HE 20.2602: Sm 7
- Maxillofacial prosthetics, proceedings of interprofessional conference, Sept. 1966, Washington, D.C. [with list of references; editors John E. Robinson, jr. and Victor J. Niiranen]. [1969.] xiv+269 p. il. 4° ([Public Health Service publication 1950.]) [Conference sponsored by American Academy of Maxillofacial Prosthetics, supported by grant from Cancer Control Program.] * Paper, \$3.25. Item 483-L-1
 L.C. card 76-666055 HE 20.2602: M 45
- 6149 Proceedings, conference of coordinators and chairmen of regional advisory groups of Regional Medical Programs, Sept. 27-29, 1968, Warrenton, Va. [1970.] vii+279 p. il. † Item 483-L-1 I.C. card 75-606375 HE 20.2602: Ad 9

RURAL ELECTRIFICATION ADMINISTRATION, Agriculture Dept. Washington, DC 20250

6150 List of materials available for use on systems of REA electrification borrowers, supp. 1. Jan. 1970. [109] p. 4° (REA bulletin 43–5; Technical Standards Committees (Electric).) * Paper, \$3.00 (including basic manual and one semiannual supplement); 75c additional for foreign mailing. • Item 116-A A 68.6/2:969/supp.1

SECRET SERVICE, Treasury Dept. Washington, DC 20220

6151 Counterfeiting and forgery. [1970.] [8] p. il. narrow 8°, folded into oblong 48° size. † ● Item 974 T 34.2: C 83/5/970

SMALL BUSINESS ADMINISTRATION Washington, DC 20416

- 6152 1968 annual report, Small Business Administration. [1969.] cover title, iv+217 p. il. 4° * Paper, \$2.00. Item 901-A SBA 1.1: 968
- Small business bibliography.
 6153 31. Retail credit and collections. Oct. 1969, 11 p. 4° † Item 901-K

Starting and manging series.

v. 18. Starting and managing a retail flower shop; by Paul R. Krone, 1970.
v+121 p. ([Procurement and Management Assistance, Office of Management Assistance.]) * Paper, 55c. • Item 901-L
L.C. card 70-606292 SBA 1.15:18

*For Sale by Superintendent of Documents †Distribution Made by Issuing Office ‡Official Use. Not Available

SMITHSONIAN INSTITUTION Washington, DC 20560

- SI 1.27: (nos.) Smithsonian contributions to zoology. • Item 910-D 24. Ostracoda in Texas bays and lagoons, ecologic study [with list of literature cited; by] Charles E. King and Louis S. Kornicker. 1970. [2]+92 p. il. 4° * Paper, \$1.00.
 27. Tenrecs, study in mammallan behavior and evolution [with list of literature cited; by] J. F. Eisenberg and Edwin Gould. 1970. vi+138 p. il. 4° * Cloth, \$3.25.
 L. C. card 70.606328 6155
- 6156
- L.C. card 70-606328 6157
- L.C. card 70-606328
 30 Nearctic species of Orgilus Haliday (Hymenoptera, Braconidae) [with list of literature cited; by] Carl F. Muesebeck. 1970. [2]+104 p. il. 4° *Paper. \$1.25.
 32 Ostracoda (Myodocopina) from Peru-Chile trench and Antarctic Ocean [with list of literature cited; by] Louis S. Kornicker. 1970. [2]+42 p. il. 4° *Paper. 50c. 6158
- list of literature cited; by] Louis S. Kornicker, 1970. [2]+42 p. ii. 49

 * Paper, 50c.
 L.C. card 75-606107

 37. Odonata of Dominica. British West Indies [with list of literature cited; by]
 Thomas W. Donnelly, 1970. [2]+20 p. il. 40 * Paper, 35c.
 L.C. card 71-606094

 39. Myodocapid Ostracoda (Cypridinacea) from Philippine Islands [with list of literature cited; by] Louis S. Kornicker, 1970. [2]+32 p. il. 40 * Paper, 6159
- 6160
- 45c.
 L.C. card 75-606095

 40. Field guide to Cidaroid Echinoids of Northwestern Atlantic Ocean, Gulf of Mexico, and Caribbean Sea [with list of literature cited; by] Thomas Phelan, 1970, [2] +67 p. il. 4° * Paper, \$1.25. 6161
- Frieian. 1970. [2] +67 p. îl. 4° * Paper, \$1.25.

 L.C. card 75-606324

 44. Benthic ecology of Bahia de San Quintin, Baja, California [with list of literature cited; by] J. Laurens Barnard. 1970. iii+60 p. il. 4° * Paper, 65c.

 L.C. card 71-606323 6162
- Smithsonian Institution Press, 1968 annual report [with list of publications 6163 of Smithsonian Institution Press, June 30, 1968; by Anders Richter]. [1969.] cover title, 45-50+513-524 j. [From Smithsonian year 1968, report of Smithsonian Institution for fiscal year 1968.] † SI 1.1/a 4:968

SOCIAL AND REHABILITATION SERVICE, Health, Education, and Welfare Dept., Washington, DC 20201

NOTE .- See Notice in page 1.

Legal rights of the disabled and disadvantaged [with lists of references]; 6164 by Richard C. Allen. [1969.] iv+102 p. il. 1 pl. ([SRS-117-1969.]) [Published for National Citizens Conference on Rehabilitation of Disabled and Disadvantaged.] * Paper, 50c. • Item 532-A-8 HE 17.20: L 52 L.C. card 70-606143

SOCIAL SECURITY ADMINISTRATION, Health, Education, and Welfare Dept., Washington, DC 20201

NOTE.—See Notice on page 1.

- HE 3.19/2:(nos.) Actuarial notes. †
- 64. Social security benefit formula; by Marice C. Hart. Jan. 1970. [9] p. 40 6165
- (Office of Actuary.)
 Automatic adjustment of earnings base under OASDHI; by Marice C. Hart.
 Jan. 1970. [13] p. 4° (Office of Actuary) 6166
 - From social security survey of disabled, 1966, report. (Office of Research and Statistics.)
- 8. Medical care costs for disabled; by Henry P. Brehm and Robert H. Cormier.

 Jan. 1970. [37] p. 4° †

 L.C. card 79-606455

 HE 3.54/2:8 6167
 - Health insurance statistics: Current medicare survey report, CMS (series). (Office of Research and Statistics.)
- 1. Estimated number of persons using medicare services, calendar year 1968; prepared by Martin Ruther and Helen Lazenby. Jan. 26, 1970. 4+[1] p. 4° † HE 3.28/4:11

ΦFor Sale by Clearinghouse, U.S. Department of Commerce, Springfield, Va. 22151 •Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

Impact of medicare, annotated bibliography of selected sources [prepared 6169 by Mary McGee]. [1970.] v+70+[1] p. (Office of Research and Statistics.) ([SS PUB 69-67 (12-69).]) * Paper, 40c. ● Item 516-B HE 3.38: M 46/2 L.C. card 70-604540

Office of Research and Statistics: Staff paper.

- 2. Macroeconomic effects of social insurance on aggregate demand [with bibliography]; by Wayne G. Vroman. [July 1969.] viii+95 p. il. 4° † HE 3.56: 2 6170
 - Research and statistics note, 1970 (series). (Office of Research and Statistics.)
- 2. Medical care prices fact sheet, 1966-69; by Loucele A. Horowitz, Feb. 23, 1970. 6171 3+[3] p.
- Size and shape of medical care dollar, chart book, 1969 [with list of references]. [1970.] 36 p. 11. oblong 24° ([SS pub. 69-41 (11-69); Office of Research and Statistics.]) * Paper, 40c. Item 516 HE 3.2: M 46/8 6172 HE 3.52:(nos.) SSI-(series).
- 6173
- 6174
- 6175
- 9. Social security for clergymen. [1970.] 14 p. narrow 12° (Internal Revenue Service publication 484.) Item 523-B

 14. Your health insurance, what you need to know about medicare, now that you'll soon be reaching 65. [Jan. 1970.] 8 p. narrow 12° Item 523-B

 17a. Employer and employee tips. [Aug. 1968.] 9 p. narrow 8° ([Treasury Department, Internal Revenue Service, IRS publication no. 478.])

 18. Brief explanation of medicare, health insurance for people 65 and over. [Jan. 1970.] 13+[1] p. narrow 8° Paper, \$5.00 per hundred; single copy, 10c. Item 523-B 6176

SOIL CONSERVATION SERVICE, Agriculture Dept. Washington, DC 20250

- Animal guide, fish-trout management in raceways. [Portland, Oreg. 1967.] 6177 A 57.6/2: An 5 [4] p. 3 pl. 4° ‡
- 6178 Cottontail rabbits; [by Louis P. Heard]. [Fort Worth, Tex., Oct. 1969.] A 57.2: R 11/2 [2] p. il. 4° ‡
- A 57.2: F 77w Fort Worth prairie; by H. L. Leithead. 1969. 1 p. 4° ‡ 6179
- A 57.2: F 89 Fresno area, Calif. 1969. cover title, 4 p. 4° ‡ 6180
- Habitat management for band-tailed pigeons in State of Washington. 6181 [Spokane, Wash., Oct. 1969.] [2] p. il. 4° ‡ A 57.56: P 62
- Habitat management for black bear in State of Washington. [Spokane, 6182 Wash., Oct. 1969.] 2 p. il. 4° ‡ A 57.56: B 38
- Habitat management for black-tailed deer in State of Washington. [Spo-6183 A 57.56: D 36 kane, Wash., June 1969.] 3 p. il. 4° ‡
- Habitat management for white-tailed deer in State of Washington. [Spo-6184 A 57.56: D 36/2 kane, Wash., Oct. 1969.] 3 p. il. 4°
- Management and uses of Russian-olive in State of Washington. [Portland, 6185 Oreg. 1969.] [2] p. il. 4° [From State of Washington Plant science handbook, Plant Material Section, Spokane, Wash., June 1969.] ‡ A 57.2: R 92
- Oakridge flood protection project, Lane County, Oreg. Aug. 1969, cover 6186 title, [1]+12 p. 4 pl. 4° [Prepared for City of Oakridge. Some pages are issues as leaves.] A 57.2: Oa 4
- 6187 Performance of floodwater retarding structures near McKinney, Tex. during storm of Sept. 20-21, 1964; prepared by Soil Conservation Service, Temple, Tex. Aug. 1969. [1] +7 p. 14 p. of pl. 4° ‡
- Plant Materials Center, Quicksand, Ky's 1968 annual technical report. 6188 [1969.] [3] +34 p. il. 4° L.C. card 79-605281 A 57.54: Q 4/968

*For Sale by Superintendent of Documents †Distribution Made by Issuing Office ‡Official Use. Not Available

APRIL 1970

- Progress in watershed development in AWR basins area under USDA programs, Sept. 1969; by Byron T. Waldrip. [1969.] 17 leaves 4° (USDA-SCS-Fort Worth, Tex.) [Presented at Oct. 28-30, 1969 meeting of Arkansas-White-Red Basins Inter-Agency Committee, Rolla, Mo.] ‡ A 57.2; W 31
- 6190 Soil and water conservation motion, pictures, USDA Soil Conservation Service, Fort Worth Tex. Aug. 1969. [2] + ii + 5 p. il. 4° ‡
- Soil survey: Antelope Valley area, Calif. [with list of literature cited; by George A. Woodruff, William J. McCoy, and Wayne B. Sheldon]. Jan. 1970. cover title, [1]+187 p. il. 3 tab. 109 p. of pl. and maps, 4° [Prepared in cooperation with University of California Agricultural Experiment Station. Text on p. 2 of cover.] * Paper, \$7.00. Item 102 (Rev. 1957)

 L.C. card 71-606051

 A 57.38: An 8
- 6192 Curry area, Oregon [with list of literature cited; by Charles R. Buzzard and Clyde C. Bowlsby]. Jan. 1970. cover title, i+70 p. il. 51 p. of pl. and maps, 4° [Prepared in cooperation with Oregon Agricultural Experiment Station. Text on p. 2 of cover. One map is colored.]

 * Paper, \$3.25. Item 102 (Rev. 1957)
 L.C. card 70-606032
- Greene County, Ark. [with list of literature cited; by Nelse W. Robertson]. Dec. 1969. cover title, [1]+66 p. il. 62 p. of pl. and maps, 4° [Prepared in cooperation with Arkansas Agricultural Experiment Station. Text on p. 2 of cover. One map is colored.] * Paper, \$3.75. Item 102 (Rev. 1957)
 L.C. card 71-606331

 A 57.38: G 83
- 6194 Lincoln County, Minn. [with list of literature cited; by Hilding L. Hokanson and others]. Jan. 1970. cover title, i+84 p. il. 95 p. of pl. and maps, 3 tab., 4° [Prepared in cooperation with Minnesota Agricultural Experiment Station. Text on p. 2 of cover. One map is colored.] * Paper, \$5.50. Item 102 (Rev. 1957)
 L.C. card 78-606199
- 6195 —— Lincoln County, Okla. [with list of literature cited; by Glen E. Williams and Donald G. Bartolina]. Jan. 1970. cover title, i+57 p. il. 88 p. of pl. maps, 1 tab. 4° [Prepared in cooperation with Oklahoma Agricultural Experiment Station. Text on p. 2 of cover. One map is colored.]

 * Paper, \$4.75. Item 102 (Rev. 1957)
 L.C. card 73-606329

 A 57.38: L 63/2
- 6196 —— Sedgwick County, Colo. [with list of literature cited; by John I. Brubacher and Tom R. Moore]. Dec. 1969. cover title, i+61 p. il. 68 p. of pl. and maps, 4° [Prepared in cooperation with Colorado Agricultural Experiment Station. Text on p. 2 of cover. One map is colored.] * Paper, \$3.75. Item 102 (Rev. 1957)
 L.C. card 70-606186 A 57.38: Se 2
- Torrance area, N. Mex. [with list of literature cited; by Bob G. Bourlier and others]. Jan. 1970. cover title, i+149 p.+[2] leaves, il. 125 p. of pl. and maps, 4° [Prepared in cooperation with New Mexico Agricultural Experiment Station. Text on p. 2 of cover. One map is colored.] * Paper, \$7.50. Item 102 (Rev. 1957)

 L.C. card 70-606024 A 57.38: T 63
- Wicomico County, Md. [with list of literature cited; by Richard L. Hall]. Jan. 1970. cover title, i+90 p. il. 55 p. of pl. and maps, 1 tab., 4° [Prepared in cooperation with Maryland Agricultural Experiment Station. Text on p. 2 of cover. One map is colored.] * Paper, \$3.75. Item 102 (Rev. 1957)

 L.C. card 78-606330 A 57.38: W 63

 of For Sale by Clearinghouse, U.S. Department of Commerce, Springfield, Va.

 of Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

6199 Soils and people, Clark County, Wash. [Sept. 1969.] [2] p. il. 4°, folded into narrow 8° size. ([M7-0-21311. One illustration is colored.]) A 57.2: C 54 6200 Squirrels; [by Edward G. Sullivan]. Fort Worth, Tex., 1969. [2] p. il. 4° A 57.2: Sq 5 6201 Streambank protection. Portland, Oreg. 1969, [2] p. il. 4° ‡ A 57.2: St 8 6202 Travel notes of soil scientists, together with examples and list of useful items for a long journey; by Charles E. Kellog. Nov. 1969. [1]+18+[1] [Last page is left blank for notes.] SPORT FISHERIES AND WILDLIFE BUREAU, Interior Dept. Washington, DC 20240 Fish disease leaflet FDL-(series). † I 49.28/3:(nos.) Parasites of freshwater fishes: 2, Protozoa, 3, Ichthyophthirius multifilis [with annotated bibliography]; by Fred P. Meyer, Issued Feb. 1966, slightly revised Nov. 1969, Nov. 1969, 4 p. 4°
 Columnaris disease of fishes [with annotated bibliography]; by S. F. Snieszko and A. J. Ross. Revised Nov. 1969, [1969.] 4 p. 4° [Formerly fishery leaflet 461, July 1958.]
 Parasites of freshwater fishes: 2, Protozoa, 1, Microsporida of fishes [with list of references]; by R. E. Putz. Slightly revised Nov. 1969. Nov. 1969. 4 p. 11. 4° [Formerly fishery leaflet 571, Nov. 1969.]
 Parasites of freshwater fish: 1, Fungi, 1, Fungi (Saprolegnia and relatives) of fish and fish eggs [with annotated bibliography]; by Glenn L. Hoffman. Dec. 1969. 6 p. il. 4° [Supersedes Fishery letflet 564, Dec. 1963.] 6203 6204 6205 6206 Investigations in fish control. 6207 Resource publication. 83. Report to fish farmers, status of warmwater fish farming and progress in fish farming research. Feb. 1970. [2] + 124 p. il. large 8° [Includes reading list entitled What to read.] † • Item 613-B 6208 L.C. card 74-606443 I 49.66:83 Technical papers. • Item 615-A I 49.68: (nos.) 43. Acute viral disease of channel catfish [with list of references]; by Nikola N. Fijan, Thomas L. Wellborn, jr., and John P. Naftel. [Jan. 1970.] 11 p. il. 40 L.C. card 75-606367 6209 6210 axonomic status and reproduction of striped bass, Morone saxatilis in Florida [with list of references]; by James M. Barkuloo. Feb. 1970. 16 p. il. 4° L.C. card 74-606419 STATE DEPARTMENT Washington, DC 20520 6211 American foreign policy, current documents, 1967; [compiled by John P. Glennon and others]. [Dec. 1969.] vi+1324 p. ([Publication 8495; Historical Office. Bureau of Public Affairs.]) * Cloth, \$6.75. • Item 875 L.C. card 59-64042 S 1.71/2:967 Background notes. ([Office of Media Services, Bureau of Public Affairs.]) [Issued with perforations.] * Paper, \$3.50 per yr., \$3.00 additional for foreign mailing; single copies, each 10c. • Item 862-B Amirate of Qatar [with reading list]. [Revised Jan. 1970.] Jan. 1970. 4 p. il. 40 6212 Amirate of Qatar [with reading list]. [Revised Jan. 1970.] Jan. 1970. 4 p. il. 4° [Publication 7906.]

L.C. card 66-61561

S 1.123: Q 1/970

Federal Republic of Germany [with reading list]. [Revised Jan. 1970.] [1970.]

8 p. il. 4° ([Publication 7834.])

L.C. card 66-61561

S 1.123: G 31/970

Islamic Republic of Mauritania [with reading list]. [Revised Dec. 1969.] Dec. 1969.] Dec. 1969.] Dec. 1969.] Dec. 1969.] L.C. card 66-61561

L.C. card 66-61561

L.C. card 66-61561

S 1.123: W 44/2/969

L.C. card 66-61561

S 1.123: W 44/2/969

L.C. card 66-61561 6213 6214

> *For Sale by Superintendent of Documents †Distribution Made by Issuing Office ‡Official Use. Not Available

Martinique [with reading list]. [Revised Jan. 1970.] Jan. 1970. 3 p. ii. 4° ([Publication 8320.])

S 1.123: M 36/970

L.C. card 66-61561

6215

APRIL 1970

- Sierra Leone [with reading list]. [Revised Dec. 1969.] Dec. 1969. 5 p. 11. 4° ([Publication 8069.]) L.C. card 66-61561 S 1.123: Si 1/969 6216
- Spanish Sahara [with reading list]. [Revised Jan. 1970.] Jan. 1970. 3 p. il. 40 ([Publication 7905.]) 6217 S 1.123: Sp 2/970 L.C. card 66-61561
- Fees charged by foreign countries for visa of United States passports. 6218 [Jan. 1970.] 8 p. 4° (M-264; Passport Office.) * Paper, 10c. • Item S 1.2: V 82/2/970 876
- 1969 report of Visa Office. [1970.] [2] leaves+72 p. il. 4° (Bureau of Security and Consular Affairs.) † Item 862-D 6219 S 1.1/4:969 L.C. card 66-62847
- Telephone directory, Department of State, Agency for International Devel-6220 opment, Arms Control and Disarmament Agency. Feb. 1970. cover title, x+148+[6] p. il. 4° [Text on p. 2-4 of cover.] * Paper, \$1.75. S 1.21:970
 - Treaties and other international acts series. * Paper, \$15.00 a yr. (approximately 150 issues), \$7.00 additional for foreign mailing; single copies vary in price. (Issues of \$1.00 or more are not furnished as part S 9.10: (nos.) of the subscription.) • Item 899
- 6709. General agreement on tariffs and trade, 9th protocol of rectifications and modifications to texts of certain schedules done Geneva Aug. 17, 1959 with process-verbal of rectification to schedule 19, United Kingdom signed Geneva Feb. 23, 1960; [entered into force Feb. 7, 1969]. [1970.] [2] + 722 p. [English and French.] * Paper, \$3.00.
 6711. Alien amateur radio operators, agreement between United States and France amending agreement of May 5, 1966, effected by exchange of notes dated Paris Oct. 3, 1969; [entered into force Oct. 3, 1969]. [1969.] [2] + 3 p. [English and French.] * Paper, 10c. L.C. card 74-605296
 6716. International Institute for Unification of Private Law (UNIDROIT).
- 6222
- 6716. International Institute for Unification of Private Law (UNIDROIT), amendment to art. 6 of Institute statute, adopted at 18th session of UNIDROIT General Assembly Rome Dec. 18, 1967; [entered into force Apr. 26, 1968]. [1970.] [2] +2 p. [English and French.] * Paper, 10c. L.C. card 76-605772 6223
- and rench.] * Paper, 10c.

 L.C. card 75-603941
 rade in cotton forth. 6224 6742. Military
- 6779. Trade in cotton textiles, agreement between United States and Costa Rica, effected by exchange of notes signed Washington Oct. 1, 1969; [effective Oct. 1, 1969]. [1970.] [2]+13 p. [English and Spanish.] * Paper, 10c. L.C. card 72-605771
- 6781. Agricultural commodities, agreement between United States and India, signed New Delhi Oct. 13, 1969; [entered into force Oct. 13, 1969]. [1970.] [2] +7 p. * Paper, 10c.
 L.C. card 72-605842 6226
- 6785. General agreement on tariffs and trade, 5th proces-verbal extending declaration of Nov. 12, 1959, on provisional accession of Tunisia to general agreement, done Geneva Nov. 19, 1968; [effective with respect to United States and Tunisia Oct. 28, 1969]. [1969.] [2]+7 p. [English and French.] *Paper, 10c.

 L.C. card 70-605461 6227
- L.C. card 70-605461
 6786. Patents, 1st revision of implementing procedures for agreement for safeguarding of secrecy of inventions relating to defense, between United
 States and other governments, approved by North Atlantic Councit,
 Paris Mar. 15, 1967; [entered into force with respect to United States
 Sept. 3, 1969]. [1970.] [2]+24 p. [English and French.] * Paper, 20c.
 L.C. card 70-605844
 6787. Air transport services, agreement between United States and Japan,
 amending agreement of Aug. 11, 1952, as supplemented and amended,
 effected by exchange of notes signed Tokyo Nov. 12, 1969; [entered into
 force Nov. 12, 1969]. [1969.] [2]+11 p. [English and Japanese.]
 * Paper, 10c. 6228
- 6229 force Nov. 12, 196
 * Paper, 10c.
 L.C. card 79-605770
- 6788. Joint defense space communications station, agreement between United States and Australia, signed Canberra Nov. 10, 1969; [entered into force Nov. 10, 1969]. [1970.] [2]+8 p. * Paper, 10c. L.C. card 76-606193 6230

GOVERNMENT PUBLICATIONS

0001	Treatie	es and other international acts series—Continued
6231	6790,	General agreement on tariffs and trade, 3d certification relating to rectification and modifications of certain schedules, done Geneva May 5, 1967 [entered into force July 12, 1969] with proces-verbal of rectification t schedule 38, Japan signed Geneva June 14, 1967. [2]+539 p. [Englistand French.] * Paper, \$2.25.
6232	6791.	North Atlantic Treaty, making available by United Kingdom and Unite States Armed Forces of Accommodation to International Military Head quarters in Germany, agreement between United States, United Kingdor of Great Britain and Northern Ireland, and Federal Republic of Germany signed Bonn Feb. 7, 1969; [entered into force Dec. 21, 1969]. [1970. [2] +5 p. [German and English.] *Paper, 10c.
6233		whaling Commission, Tokyo, June 23-27, 1969 [London, June 23-27, 1969; entered into force Oct. 6, 1969]. [1970.] [2]+1 p. * Paper, 1969
6234		Single convention on narcotic drugs, 1961, amendments of schedules t convention, notification by United Nations, Nov. 18, 1969 [entered int force with respect to United States, Nov. 18, 1969]. [1970.] [2]+3 r + Paper, 10c. L.C. card 78-605881
6235		Embassy sites, agreement between United States and Union of Sovie Socialist Republics, extending certain deadlines specified in agreemen of May 16, 1969, effected by exchange of notes, dated at Moscow Nov. 19 and 26, 1969; entered into force Nov. 26, 1969, effective Nov. 12, 1969, 11970.] [2] + 3 p. [English and Russian.] Paper, 100, 110, 224, 27, 666,007.
	0198.	Weather station, cooperative program at Guayquil, agreement betwee United States and Ecuador effected by exchange of notes signed Quit Aug. 20, 1968 [entered into force July 18, 1969; effective May 1, 1967] [1970.] [2] + 6 p. [English and Spanish.] * Paper, 10c. L.C. card 72-606212
6237	4	nesia, signed at Djakarta Nov. 17, 1969; [entered into force Nov. 17 1969], [1970.] [2] + 5 p. * Paper, 10c. L.C. card 71-605882
6238		Allen amateur radio operators, agreement between United States an United Kingdom of Great Britain and Northern Ireland, supplementing agreement of Nov. 26, 1965, effected by exchange of notes, signed London Dec. 11, 1969; [entered into force Dec. 11, 1969]. [1970.] [2]+4 green, 10c. L.C. card 70-605879
6239		Trade, beef, goat, and mutton, agreement between United States and Honduras, effected by exchange of notes signed Tegucigalpa Nov. 27, 196 [entered into force Nov. 27, 1969; operative Jan. 1, 1969]. [1970. [2] + 3 p. [English and Spanish.] * Paper, 10c.
6240	6802.	Agricultural commodities, agreement between United States and Turkey amending agreement of Nov. 3, 1969, effected by exchange of note signed Ankara Dec. 19, 1969; [entered into force Dec. 19, 1969] * Paper, 10c. L.C. card 70-606008
6241		Agricultural commodities, agreement between United States and Vietnam amending agreement of Oct. 29, 1969, effected by exchange of note signed Saigon Nov. 28, 1969; [entered into force Nov. 28, 1969, effectiv Oct. 29, 1969]. [1970.] [2]+2 p. * Paper, 10c. L.C. card 75-605883
6242		Agricultural commodities, agreement between United States and Vietnam modifying agreement of July 28, 1969, as amended, effected by exchang of notes signed Salgon Dec. 18, 1969; [entered into force Dec. 18, 1969, [1970.] [2]+2p. * Paper, 10c. L.C. card 79-606211
6243	6805.	Extension of loan of vessels, agreement between United States and Federa Republic of Germany, effected by exchange of notes signed Bonn July and Sept. 19, 1969; [entered into force Sept. 19, 1969]. [1970. [2]+5p. [English and German.] * Paper, 10c. L.C. card 75-606210
6244		Trade, Canadian oil exports, arrangement between United States and Canada, effected by exchange of notes dated Washington Sept. 25, 1967 [entered into force Sept. 25, 1967]. [1970.] [2]+3 p. *Paper, 106 L.C. card 76-606213
6245	6807.	Agricultural commodities, agreement between United States and Pakistan signed Islamabad Oct. 3, 1969; [entered into force Oct. 3, 1969]. [1970. [2]+5p. * Paper, 10c. L.C. card 73-606195

*For Sale by Superintendent of Documents †Distribution Made by Issuing Office ‡Official Use. Not Available

APRIL 1970

6808. Technical cooperation, agreement between United States and Afghanistan, extending agreement of June 30, 1953, as extended, effected by exchange of notes signed Kabul Dec. 20 and 25, 1969; [entered into force Dec. 25, 1969]. [1970.] [2]+3 p. [English and Afghan.] * Paper, 10c. L.C. card 77-606188
6809. Launching of NASA satellites from San Marco Range, agreement between United States and Italy, effected by exchange of notes signed Rome Apr. 30 and June 12, 1969; [entered into force June 12, 1969.] [1970.] [2]+7 p. * Paper, 10c. L.C. card 72-606192
6810. Conventive satellite research project agreement between United States and 6246

6247

6810. Coperative satellite research project, agreement between United States and Italy, effected by exchange of notes signed Rome Aug. 9 and Sept. 11, 1969; [entered into force Sept. 11, 1969]. [1970.] [2]+6 p. * Paper, 6248 10c. L.C.

card 79-606191 6811. Agricultural commodities, agreement between United States and Tunisia, signed Tunis Dec. 18, 1969; [entered into force Dec. 18, 1969]. [1970.] [2]+5 p. * Paper, 10c. L.C. card 70-606189 6249

L.C. card 70-606189
6812. Weather stations, amended text of Annex 2 to North Atlantic Ocean Stations agreement of Feb. 25, 1954, approved by Council of International Civil Aviation Organization at 68th Session, Montreal, Nov. 12, 1969; [effective July 1, 1970]. [1970.] [2]+6 p. [English and French.]

* Paper, 10c.
L.C. card 73-606187
6819. Columbia River basin, flood control payments, agreement between United States and Canada, effected by exchange of notes signed Washington Aug. 18 and 20, 1969; [entered into force Jan. 7, 1970]. [1970.] [2]+5 p.

* Paper, 10c. 6250

6251 * Paper, 10c. L.C. card 75-606190

- 6821. Agricultural commodities, agreement between United States and Pakistan, signed as Islamabad, Jan. 10, 1970; [entered into force Jan. 10, 1970]. [1970.] [2] +4 p. * Paper, 10c. L.C. card 70-606194 6252
- United States treaties and other international agreements; v. 19, pt. 6, 6253 1968. [1969.] vi+6717-7865+xi-xiii p. 3 tabs. large 8° [Includes treaties and other international acts series 6590-6624. Text in English and other languages.] * Cloth, \$11.50. • Item 899-A L.C. card 53-60242 S 9.12: 19/pt.6

STATISTICAL REPORTING SERVICE, Agriculture Dept. Washington, DC 20250

- 6254 Capacity of refrigerated warehouses in United States, Oct. 1, 1969. Mar. 1970. 16 p. il. 4° (Co St 2(70); Crop Reporting Board.) † • Item
- 6255 Chickens and eggs, layers, potential layers, rate of lay and egg production, monthly 1968-69. Mar. 4, 1970. 16 p. 4° (Pou 2-4 (3-70); Crop Reporting A 92.9/13: 968-69 Board.)
- Lamb crop, 1969. July 28, 1969. 2 p. 4° (MtAn 5-1 (7-69); Crop Reporting 6256 A 92.18/4:969 Board.)
- 6257 1970 livestock and poultry inventory, number, value, and classes, Dec. 1hogs and pigs, Jan. 1-cattle and calves, sheep and lambs, chickens and turkeys. Feb. 6, 1970. 26+[1] p. 4° (LvGn 1(70); Crop Reporting Board.) † • Item 21-N L.C. card 56-60751 A 92.18/8:970
- 6258 Seed crops, annual summary 1969, acreage, yield, production, season average price, value of production, by States, 1968 and 1969, supply and disappearance, carryover, imports, exports, total supply, total disappearance, United States, 1966-69. Dec. 19, 1969. 23 p. 4° (SeHy 1-3(69); Crop Reporting Board.) A 92.19/4:969 L.C. card 58-60568
- 6259 Turkeys, number raised, 1970 intentions, growers intend to raise more turkeys in 1970. Jan. 28, 1970. 2 p. 4° (Pou 3-2(1-70); Crop Reporting A 92.9/8: 970 Board.) †

ΦFor Sale by Clearinghouse, U.S. Department of Commerce, Springfield, Va. 22151 •Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

TARIFF COMMISSION Washington, DC 20436

- 6260 Apnual report of Tariff Commission, fiscal year 1969, 1970, vi+43 ([TC publication 301.]) [Also issued as H. doc. 251, 91st Congress, 2d session.]

 * Paper, 30c. Item 977
 L.C. card 18-26040 TC 1.1: 969
- 6261 Flat glass and tempered glass, report to President on investigation TEA-I-15 under sec. 301(b) (1) of Trade expansion act of 1962. Dec. 1969. cover title, vii+188 p. 4° (TC publication 310.) † L.C. card 74-606451 TC 1.2: G 46/9
- 6262 Summaries of trade and tariff information, prepared in terms of tariff schedules of United States (TSUS): Schedule 6, Metals and metal products; v. 8, Machinery, general purpose, construction, mining, agricultural, food industries, paper industries, and printing. 1969. viii+284+A-25+B-5 p. 4° (TC publication 312.) †

 L.C. card 68-61304 TC 1.26/2:6/8

TENNESSEE VALLEY AUTHORITY Washington, DC 20444

6263 Reclamation brings wildlife back to Paradise strip mine. [1969.] [8] p. il. oblong 24° ([F70Fr5; Division of Forestry, Fisheries, and Wildlife Development.]) [One illustration is colored.] † Y 3.T 25: 27 P 21

TRANSPORTATION DEPARTMENT Washington, DC 20590

- 6264 Economic analysis of proposed reconstruction of jetties 1 through 6 at Port of Chittagong, East Pakistan, final report; [prepared by Clell G. Harral and others]. Jan. 1969. cover title, [1]+43 leaves, il. 4° (Economics and Investment Division, Office of Technical Assistance.) [Prepared in cooperation with Bureau for Near East and South Asia.] ‡
- 6265 Summary of findings, review of feasibility study of 5 inland ports, East Pakistan. Sept. 1969. cover title, [1]+23+[6] leaves 4° (Economics and Investment Division, Technical Assistance Staff.) [Issued with perforations.] ‡ TD 1.2: P 17/2

TREASURY DEPARTMENT Washington, DC 20220

- 6266 Changing priorities for 1970's, remarks of Murray L. Weidenbaum, Assistant Secretary of Treasury for Economic Policy, before National Agricultural Outlook Conference, Washington, D.C., Feb. 16, 1970. 1970. 10 p. 4° (K-340.) † T 1.31: W 42/10
- 6267 Customs, year later and look into 1970's, remarks of Eugene T. Rossides,
 Assistant Secretary of Treasury for Enforcement and Operations at 10th
 annual consular dinner sponsored by Commerce and Industry Society
 of New York and World Trade Club of New York, New York, Mar. 4,
 1970. [1970.] 16 p. 4° (K-361.) † T 1.31: R 73/2
- 6268 Government driver's guide. [1969.] cover title, [32] p. il. narrow 8° (Treasury Safety Council.) [Text on p. 3 of cover.] Item 926

T 1.10/2: D 83/3

Note.—This publication is part of Government drivers kit which is available from the Superintendent of Documents, \$1.75, T1.10/2:D83/2. The kit consists of the above publication; one copy Standard form 91-A, Investigation report of motor vehicle accident; one copy Standard form 91, Operator's report of Motorvehicle accident; one copy Optional form 26, Data bearing upon scope of employment of motor vehicle operator; 3 copies Standard form 94, Statement of witness.

*For Sale by Superintendent of Documents †Distribution Made by Issuing Office ‡Official Use. Not Available

- Remarks by Bruce K. MacLaury, Deputy Under Secretary of Treasury for Monetary Affairs before 1970 "Share-in-America" Savings Bonds Volunteer Conference, Milwaukee, Wis., Jan. 20, 1970. 1970. 11 p. 4° T 1.31: M 22/2
- Remarks of David M. Kennedy, Secretary of Treasury at Cincinnati Coun-6270 cil on World Affairs, Cincinnati, Ohio, Feb. 20, 1970. 1970. 11 p. 4° T 1.31: K 38/19
- Remarks of David M. Kennedy, Secretary of Treasury before American-Scottish Foundation Incorporated, New York, N.Y., Jan. 28, 1970. 1970. 6271 T 1.31: K 38/18 8 p. 4° (K-330.) †
- 6272 Remarks by David M. Kennedy, Secretary of Treasury, before annual meeting of U.S. Industrial Payroll Savings Committee, Diplomatic Functions Suite, Department of State, Jan. 14, 1970. [1970.] 5 p. 4° T 1.31: K 38/17 (K-321.)
- Remarks of Edwin S. Cohen, Assistant Secretary of Treasury for Tax Policy before 51st Mid-winter Trust Conference, Trust Division, Amer-ican Bankers Association, New York, N.Y., Feb. 10, 1970. [1970.] 19 p. 4° 6273 T 1.31: C 66/5 (K-338.)

UNITED STATES INFORMATION AGENCY Washington, DC 20547

United States Information Agency, 32d semiannual report to Congress, 6274 Jan.-June 1969. [1970.] cover title, [3]+19 p. il. † • Item 672-B L.C. card 54-61257

VETERANS ADMINISTRATION Washington, DC 20420

- Annual report [fiscal year] 1969, Administrator of Veterans Affairs. [1970.] iv+75 p. il. [Also issued as H. doc. 233, 91st Congress, 2d ses-6275 sion.] * Paper, 40c. • Item 983 VA 1.1:969 L.C. card 31-28720
- VA 1.22: (nos.) Information bulletin IB (series). • Item 986-A 6276
- 11-2. Drug treatment in psychiatry [with list of references; prepared by staff of Central NP Research Laboratory, Veterans Administration Hospital, Perry Point, Md.]. Jan. 1970. cover title, 35 p. 4° * Paper, 40c.

 15-1. Notes on blometry in medical research; [by Donald Mainland]. Feb. 1970. cover title, [1]+90 p. 4° (Research Support Centers, Research and Education in Medicine, Department of Medicine and Surgery.) [Formerly VA monograph 10-1. Issued with perforations.] 6277
- VA pamphlet.
- 05-45. Bridge to future, Veterans Administration special employment and training for youth. [1970.] cover title, [16] p. il. 4° (Office of Assistant Administrator for Personnel.) [Text on p. 2-3 of cover.] † VA 1.19:05-45 6278

WAGE AND HOUR AND PUBLIC CONTRACTS DIVISIONS, Labor Dept., Washington, DC 20210

- Interpretative bulletin, title 29, of Code of Federal regulations.
- pt. 788. General statement as to applicability of sec. 13 (a) (13) of Fair Labor standards act, as amended, under which exemption from minimum wage and overtime provisions applies to employees in forestry or logging operations in which not more than 8 employees are employeed. [1969.] [1]+4 p. 4° (WHPC publication 1275.] [Conforms to Code of Federal regulations as of Oct. 14, 1969.] † Item 778 6279 L 22.10: 788/8

WEATHER BUREAU, Commerce Dept. Washington, DC 20235

Marine weather services chart: Savannah, Ga. to Apalachicola, Fla. Scale 100 naut. m.=3.7 in. ct. 1969. 19 x 12 in. [Lambert conformal conic projection. Text on reverse.] * Paper, 15c. C 30.22/6: Sa 9 6280

> ΦFor Sale by Clearinghouse, U.S. Department of Commerce, Springfield, Va. 22151 •Sent to Depository Libraries

GOVERNMENT PUBLICATIONS

6281 Plan for improving National river and flood forecast and warning service.

Dec. 1969. x+64 p. il 4° (Office of Hydrology.) † ● Item 275

L.C. card 78-606235 C 30.2: N 21 r

WOMEN'S BUREAU, Labor Dept. Washington, DC 20210

Automation and women workers; [with list of selected readings; prepared by Jean A. Wells]. Feb. 1970. iv+[1]+12 p. il. 4° † • Item 782 L.C. card 74-606427 L 13.2: Au 8

Leaflet.

6283 51. If only I could get some household help! 1969 [published 1970]. [9] p. il. narrow 8° [Cover photo courtesy of National Council of Jewish Women.] † • Item 783 L 13.11:51

Pamphlet.

6284
11. Jobfinding techniques for mature women [with list of selected readings; prepared by Rose Terlin], Feb. 1970. v+40 p. * Paper, 30c. Item 783-A L.C. card 74-606400

Index

MONTHLY CATALOG APRIL 1970

NOTE.—Entrics appear in this Index under subjects or titles. But having no specific subjects are entered under the issuing office only. Bulletins, circulars, etc., ly. Index citations are to entry numbers in the catalog.

A.M.C., see Army Materiel Command. Abel transforms see Transformations (mathematics).

matics).
Abell, Joseph M., design of digital control unit for NRL receiving system, 6098
Ablating materials, flash X-ray technique for recession measurements, evaluation, 5960
Abrasives, Federal item identification guide, change, 5302
Absorbent materials, some new amines as regenerative carbon dioxide absorbents, investigation, 6100
Absorption coefficients, opacity probability

osorption coefficients, opacity probability distribution functions for carbon monoxide at elevated temperatures, 5977 sorption exects. Absorption

Absorption spectra, see Spectra.

Abstracts, see names of departments, bureaus, etc., issuing abstracts—also sub-

eademy of Agricultural Sciences, USSR, meeting, 5741 cademy of Sciences, Ukranian SSR: Academy

Academy general activities and programs, 1969 report, 5739 research, mathematics, past 50 years, 5773 Accelerometers, calibration with earth's field

dynamic calibrator, 6010 Accidents

financial protection for Federal employees, 4969

nautical accident prevention, Fathom (periodical), 6079 see also Aircraft accidents—Motor vehicle accidents—Railroad accidents.

Accountants, pay, national survey, 5822 Accounts and accounting:

Accounts and accounting:
accounting periods and methods, tax information, 5674
cost and balance-of-payments advantages
of replacing foreign-made buses with
American-made buses, GAO report, 5528
Accumulators, photo-electronic signal selection included, USSR study, 5756
Acid mine drainage, see Mine drainage.
Accustics, see Sound.
Acreage marketing guides. 5284

5284

Acreage marketing guides, 5284 Activity programs, activities supervisor's programs, activities supervisor's handbook for long-term facilities, Activity guide, 5016

Actuarial notes, 6165-66

Acuity, visual acuity of children, health sta-tistics, 6015

Additives :

high molecular weight, influence on flash-ing process, screening study, 5626 static dissipator, effect on charging tend-ency of jet fuels, 6104

Addresses, lectures, etc. : by-

Allen, James E., jr., 5346, 5349, 5354 Bentley, Helen D., 5425-29 Brimmer, Andrew F., 5464 Cohen, Edwin S., 6273 Dunne, Thomas P., 5326

Addresses, lectures—Continued by—continued

resses, lectures—Continued
y—continued
y—continued
Fanseen, James F., 5424
Fiero, Charles E., 5480
Filnger, Harold B., 5590
Gibson, A. E., 5838
Hyde, Floyd H., 5610
Jackson, Samuel C., 5595, 5608
Kennedy, David M., 6270-72
Laird, Melvin R., 5523
MacLaury, Bruce K., 6269
McLellan, Robert, 4983, 4986-87
Martin, Preston, 5418, 5420
Mathews, Charles W., 5890
Nehmer, Stanley, 4988
Passer, Harold C., 5003, 5005
Penbody, Malcolm E., jr., 5592
President Johnson, 5461-62
Ramey, James T., 4899
Romney, George, 5591
Rossides, Eugene T., 6267
Schnellbacher, E. E., 5716
Schuyler, William E., jr., 6117
Seaborg, Glenn T., 4895
Siciliano, Rocco C., 5004
Simmons, Samuel J., 5605, 5609
Stans, Maurice H., 4979-80
Tribus, Myron, 4982, 4985
Van Dusen, Richard C., 5593-94
Weidenbaum, Murray L., 6266
MC SP series, 5828 5605, 5609

Van Dusen, Richard C., 3593-348
Weidenbaum, Murray L., 6266
FMC SP series, 5424-29
MA SP series, 5838
Adjutant General Office, letters received
1881-89, main series, microcopy, pamphlet to accompany, 5995
Administrative agencies, see Government
offices

offices.

Administrative management:
forms management office functions, AFM
manual, 4830

introduction to supervision, guide for in-structors, 4972

personnel management, pay, national survey, 5822 small business, starting and managing

small business, starting and managing series, 6154
Administrative procedure, Government offices, investigation, expenses, report, 5218
Administrators, Federal tax guide for survivors, executors and administrators, 5642
Adoptions, District of Columbia proceedings, amend D.C. Code, report, 5128
Adsorption, prescaling deposition of scale forming compounds on controlled surfacts, tracer study 5629

tracer study, 5629

Adults: for dental care, health statistics, 6014

skinfolds, body girths, biacromial diameter, and selected anthropometric in-dices, 6013

Advertisting, housing, discrimination in sale and rental property, new trend (remarks), 5609 see also subjects.

Advisory Commission on Intergovernmental | Advisory Commission on intergovernmental Relations, annual report, 4795
AEC, see Atomic Energy Commission, Aerial mapping, cartographic photography, Army technical manual, 4865
Aerial photography, forester's guide to aerial photo interpretation, 4807
Acial recognitions one see Reconnaissance reconnaissance, see Reconnaissance Acrial (aerial). Aerial surveys, geologic interpretation of reconnaissance aeromagnetic survey northeastern Alaska, 5539 Aerodynamics axisymmetric bodies at zero and small angles of attack, discontinuous flows and free streamline solutions, 5942 Mars entry probe-lander configurations at Mach 10 number, 5931 propulsion induced effects on aerodynamics of jet/STOL aircraft, review, 5936
e also Boundary layers—Propellers-Wings (aircraft),
embolism, disseminated intravascul Aeroembolism, disseminated intravascular coagulation in decompression sickness, discussion, 5844 Aeronautical and Space Sciences Committee, Senate: hearing, 5257 investigations and studies, aeronautics and space activities, authorization, report, 5243 Aeronautical supplies, aeronautical and space systems, equipment and associated com-ponents, packaging, handling, and transportation requirements, 5982 Aeronautics : eronautics:
activities of Federal departments, etc., investigation, authorization, report, 5243
aeronautical research and development, hearings, 5182
aviation battalion, group, and brigade,
Army field manual, 4853
civil aviation accidents, preliminary analysis of data, 6077
Federal aviation regulations, 5403-6
status, 5412
national aviation system—
FAA policy summary, 5411 FAA pollcy summary, 5
FAA 10 year plan, 5410
Aerospace, see Outer space.
AFDC, see Families. Afghanistan technical cooperation, agree-Afghanistan, technical cooperation, agreement, 6246
Africa, African countries' economic development plans, digest, 4993
Agar, medium, alkali sacaton seedlings, germination and survival, 5504
Aged, older Americans, tax benefits, 5667
Aging, publications, price list, 6132
Aging, Special Committee on, Senate, continuing surhouting at the continuing surhouting states. tinuing authority, etc., report, 5236 Agricultural adjustment act, see Agriculture. Agricultural commodities, see Agricultural products. Agricultural finance, see Agriculture. Agricultural marketing agreement act, see Agricultural products. Agricultural products: riculturar with— India, 6226 Indonesia, 6237 Pakistan, 6245, 6252 Tunisia, 6249 Turkey, 6240 commodities, agreement

Agricultural products—Continued improved procedures for determining malathion residues, 4800 marketing research reports, 4819-21 Perishable agricultural commodities actfair trading in fruit and vegetable industry, 4824 text and regulations under act, 5293 preharvest research for certain commodidities, authorize, reports, 5110, 5113 production research reports, 4825 regional wholesale distribution facilities for Blair County, Pa., 4820 USDA standards, list, 4808 Agricultural Research Service, ARS series, 4797-4803 4797-4803 Agricultural Stabilization and Conservation Service, annual report, Caribbean area, 4805 Agricultural workers, see Farm labor, Agriculture: Academy of Agricultural Sciences, USSR, meeting, 5741 Agricultural adjustment act, amend law, 5055 report, 5197, 5207 agricultural economic reports, 5337-38 agricultural finance review, supplement, 5339 agriculture handbook, 4806-8 code of Federal regulations, 5436-41 foreign agricultural economic reports, 5341 5341
Foreign Agricultural Service, miscellaneous FAS-M series, 5477
industry, machinery, trade and tariff information summaries, 6262
maximum production, program to attain in An Giang Province, Viet-Nam, 5373
world situation, 1969 review and 1970 outlook, 5341 look, 5341 Agriculture and Forestry Committee, Senate, reports, 5197-98, 5200, 5207, 5251
Agriculture Committee, House, report, 5110
Agriculture Department:
Institutional meat purchase specifications Institutional meat purchase specifications approved—
fresh beef, 5288
portion-cut meat products, 5289
leaflets, 4817-18 marketing research reports, 4819-21 marketing research reports, 4819-21 meat inspection procedures manual, 5290 miscellaneous publications, 4822
PA [program aid] series, 4823-24 production research reports, 4825 statistical bulletins, 4826-27 technical bulletins, 4828-29 USDA standards for food and farm prod-ucts, list, 4808 d to families with dependent children, see Public assistance. Aid to the blind, see Public assistance, Aid to the permanently and totally disabled, see Public assistance. Aides, Internal Revenue Service, begin your professional career, 5634 moist, thermodynamic properties, skeleton tables, 5998 nocturnal air temperature on forested mountain slope, 5514 sealing coal mines to reduce water pollu-tion, 5885 Air almanacs, see Almanacs. Air carriers: air taxi operators and commercial opera-tors, Federal aviation regulations, agricultural marketing agreement act of change, 5406 air transport Japan, 6229 services, agreement with Japan, 6229
certificated route and supplemental, accidents, accident rates and fatalities, 6072
certification and operations, Federal aviation regulations, 5404
maintenance certification procedures, FAA
handbook, change, 5407A as amended, egg product inspection act, Federal-State cooperation in administration, report,

5198

1937, amend-law, 5055

reports, 5110, 5113, 5197 Commodity exchange

general regulations, 5015

Air carriers-Continued

Air carriers—Continued scheduled with helicopters, certification and operations, Federal aviation regulations, change, 5405

Air drop operations, airdrop of supplies and equipment Army technical manual, 4867

Air flow, see Flow.

Air Force :

air defense of southeastern United States, report of subcommittee, 5143 Armed Services procurement regulations supplements, 5315-17 dental activities administration, manual,

4836 design manual design policy and procedures, facility design and planning, 4832 equipment maintenance management, manual, 4831

foreign military sales, logistics, manual, 4837

illegal expenditure of funds for construc-tion of research facilities, GAO report,

medical airman's manual, Air Force man-ual, 4835 Tachikawa Air Base, Japan, employees, Tachikawa Air Base, Japan, employees, relief, 5043 Air Force Department:

Air Force manual, 4830-37 forms management office functions, man-ual, 4830

ual, 4830
industrial facilities construction at Government-owned plants without disclosure to Congress, GAO report, 5527
Air Force hospitals, more than 100 Air Force hospitals around the world, waiting for you! careers for physicians, 4839
Air Force Reserve, all the way from the ground up, 4838
Air-ground operations system, field manual, 4856
Air inlets (atrantic)

inlets (aircraft) inlet-guide-vane configuration and relative blade velocity, effects on noise from axial-flow compressors, 5922 short length turbojet combustor insensitive

to radial distortion of inlet airflow, performance, 5924

Air pollution:

air control region, report for quality consultation-

Birmingham intrastate, 5994 Chattanooga interstate, 5993

air quality criteria-

air quality criteria—
carbon monoxide, 5986
photochemical oxidants, 5987
air quality data, National Air Surveillance, networks and contributing State
and local networks, 5992
clean air act as amended, highlights, 5984

controlmessage from the President, 5082

problems and programs, hearing, 5279 interstate compact between Ohio and West Virginia, consent of Congress, report,

investigations and studies, authorization, report, 5240

ir Pollution Control Administration, see National Air Pollution Control Adminis-Air tration

Air quality act, see Air pollution.

Air taxi operators, see Air carriers.

Air traffic: control-

en route, handbook, change, 4840 facility management handbook, change, 4841

terminal, handbook, change, 4842 national aviation system-

FAA policy summary, 5411 10 year plan, 5410

Air transportation, see Aeronautics-Air carriers.

Aircraft: Coast Guard, authorization for procure-

coast Guard, authorization for procure ment, hearing, 5172 jet/STOL, propulsion-induced effects on aerodynamics, review, 5936 large commercial operators, certification, and operations, Federal aviation regulations, 5404

maintenance, certification procedures, FAA handbook, change, 5407A national aviation system— FAA policy summary, 5411

10 year plan, 5410 organizational m e mechanic/repairman

course, 4857

propulsion subsystems, performance, sta-bility and control, propellers, and flight safety, list of published information,

small, air taxi operators and commercial operators. Federal aviation regulations, operators, Federal aviation regulations, change, 5406 FOL, airworthiness considerations, 5930

STOL, airworthiness considerations, 5500 subsonic jet flyover noise and sonic booms, effects on skeletal muscle tension and paced tracing task, 5902 V/STOL, tilt-wing transport investigation of lateral-directional dynamic stability,

3943
See also Airplanes—Wings (aircraft).
Aircraft accidents:
accidents, accident rates and fatalities,
U.S. certificated route and supplemental
air carriers, 6072
civil aviation data, 1969, preliminary anal-

civil aviation data, 1969, preliminary analysis, 6077
Airdrop operations, see Air drop operations.
Airfields, see Airports—Pavements.
Airmen. maintenance certification procedures, FAA handbook, change, 5407A
see also Air Force.

Airplanes: large launch vehicles utilizing X-15 air-plane and flight simulators, study of display systems for manual guidance,

pylon-mounted dummy ramjet engine on X-15-2 airplane, local flow field at Mach numbers from 2.0-6.7, 5.946
XB-70, handling qualities in landing ap-

proach, 5967

Airports

Airport and airway revenue act of 1970, report, 5250 airport and airway trust fund, establish,

report, 5250
national aviation system—
FAA policy summary, 5411
FAA 10 year plan, 5410
user charges, imposition of tax, report,

user cl see also Air traffic.

Airspace utilization, see Air traffic.

Airways:

Airport and airway revenue act of 1970, report, 5250

airport and airway trust fund, establish report, 5250

facilities, national system, FAA policy summary, 5411 inspecting, 5408

user charges, imposition of tax, report, 5250

Airworthiness, see Aircraft.

Akey, Norman D., radio blackout alleviation and plasma diagnostic results for 25,000 foot per second blunt-body reentry, 5934 Alaska:

native land claims, settle, hearings, 5161 northeastern, geologic interpretation of reconnaissance aeromagnetic survey, 5539

Pacific slope basins, surface waters, quality, 5567

Alaska-Continued

southeast, bumper western hemlock, sitka spruce seed crop, ripening and dispersal, wilderness. designate, certain lands, hear-

ings, 5268
Alaska Native Commission, establish, hearings, 5161
Alaska Native Development Corporation, es-

Alaska Native Development Corporation, establish, hearings, 5161
Alcoholism, problem, hearings, 5275
Aldon, Earl F., alkali sacaton seedlings, germination and survival in agar and soil

germination and survival in agar and soil medium, 5504
Alexander, Robert R., seedfall and establishment of Engelmann spruce in clearcut openings, case history, 515
Alexander, Violet M. letters received by Office of Adjuant General, 1881-89, main series, 5995
Alfalfa, yanthophyll

falfa, xanthophyll, carotene, and a-tocopherol stability as affected by pilot-and industrial-scale dehydration, 4829 Alfalfa. Algorithms, see Mathematics.

Aliens:

nonresident and foreign corporations. nonresident and foreign corporations, withholding of tax, 5695 resident, foreign tax credit, 5644 United States tax guide, 5693 Alkali sacaton, see Grasses.

Alkyl cycloalkyl sulfide, see Sulfides.

All the way from the ground up, 4838 All-Union, see Union of Soviet Socialist Republics

publics.

Allen, James E., Jr.: address—

address—
Jan. 23, 1970, 5849
Feb. 10, 1970, 5346
Feb. 14, 1970, 5354
Allen, Richard C., legal rights of the disabled and disadvantaged, 6164
Allowances, see Cost of living allowances—
Pay, allowances, etc.
Alloys, see names of metals.

Alloys, see names of metals.

Almanacs, air, 6080

Alpha particles, alpha-gamma angular correlations reaction nickel-58, 5928

Alpha rays, see Alpha particles.

Altimeters, spaceborne laser altimeter, optical altimeter receiver systems, study and decime 1001. design, 5901

Aluminum: alloys, relationship between fracture toughness and estimated plastic zone

size, 6107 electrowinning aluminum from aluminum chlorida, operation of single-compart-ment cell, 5884 ingot and mill products, current industrial

reports, 4934
Aluminum chloride, electrowinning aluminum from aluminum chloride, operation of single-compartment cell, 5884
Alvarez, J. M., statistical analysis of meteorial properation detailed in aluminum chloride.

roid penetration data including effects of cutoff, 5959 Ambulances, design criteria, 6032

Amoutances, design criteria, 0522

AMC, see Army Materiel Command.

American National Cattlemen's Association,
Forest service comments on resolutions
relating to National Forest System as
adopted in 1969, 5488

American policy, see International relations. American Samoa, county business patterns, 4933

4933
American soldier posters, 4850
AMG, see Acreage marketing guides.
Amherst County, Va., Roseland district rutile and ilmente placer deposits of area, 5544
Amines, new, as regenerative carbon dioxide absorbents, investigation, 6100
Ammonites, Jurassic, from central Saudi Arabia, description, 5558
Amortization see Mortgages

Amortization, see Mortgages

Amphetamines, why 8 America, hearings, 5152 billion? crime in Amphibious operations, operator training course, tactical and support vehicles, LARC 5, 4858
Amphibaenians, see Lizards.

Aqueous solutions, ternary solutions, diffusion, 5620 Arbitration, international, aqueous saline convention

Recognition and Enforcement of Foreign Arbitral Awards, implement, report, 5246 chitect of Capitol, report, semiannual, Architect of 5191

Architects, VISTA architects and planners, general information, 5333

Architecture :

facility design and planning, Air Force design manual, design policies and pro-cedures, 4832 low cost wood homes, designs, house plans,

5481-85

Arctic regions, polar snow, Camp Century, Greenland, variation of some mechanical properties, 5364

Area handbooks : Guyana, 4862 Jordan, 4860 North Korea, 4861

Rwanda, 4863 Area wage surveys, see Wages. Arend, John L., oak forests of Lake States and their management, 5508

Argentina:

economic trends and their implications for United States, 5706 mineral industry, minerals yearbook chapter, 5859 Argon, stimulated emission in argon pinch discharge, detection and investigations, 4876

census of business, 1967, major retail centers, standard metropolitan statistical

areas, 4908
5-spined ips, chemical control, 5502
Arkansas River and Valley, Arkansas-White-Red basins area development under USDA programs, progress, 6189 Armed Forces:

Armed services procurement manual ASPM series, 5298 dependents, health care cost-sharing arrangements, report, 5115 Marine Corps Band, director and assistant grades, remove statutory restrictions,

grades, r law, 5056

law, 5056
members, claims for erroneous payments
of pay and allowances, waiver, amend
U.S. Code, report, 5116
military retired pay, recomputation, authorize, report, 5121
National Guard Bureau Chief, grade of
lieutenant general, provide, report, 5120
NATO status of forces treaty, criminal
jurisdiction operations, report, 5205
President's Commission on an All-Volunteer Armed Force, report, 6127
procurement regulations, Air Force supplements, 5315-17
savings deposit program, allotments for

savings deposit program, allotments for prisoners of war, etc., during Vietnam conflict, waive \$10,000 limitation law, 5059

report, 5209 selection boards, members, increase num-ber, law, 5058

United Kingdom and United States armed Onted Kingdom and United States armed forces make accommodation in Federal Republic of Germany available to International Military Headquarters of NATO, agreement, 6232 see also Oversea service.

Armed services, see Armed Forces. Armed Services Committee, House: committee print, 5148 hearings, 5145-47

reports, 5115, 5120-21, 5123, 5126 subcommittee reports, 5143-44

Armed Services Committee, Senate: investigations and studies, authorization, report, 5210 reports, 5205, 5209

Armed services papers, 5143-47
Arms Control and Disarmament Agency,
telephone directory, 6220
Armstrong, George T., hydrogen fluoride and
thermochemistry of fluorine, 6008
Arms.'

air-ground operations system, Army field manual, 4856 aviation, battalion, group, and brigade, field manual, 4853

courses. announcement, correspondence 4859

4859
procurement procedure, 4852
publications, price list, 6131
Army Department:
field manuals, 4853-55
pamphlets, 4857-63
Amplifiers, amplifying electromagnetic radiation through use of averaged high frequency field forces, study of possibility, 4872

An Giang Province, Vietnam:
program to attain maximum agricultural
production, 5373
soils, EARI development research report,
5367

Thanh Quoi, Viet-Nam, pilot drainage and irrigation project, feasibility study, 5368 Analysis, see names of substances analyzed. Anderson, L. O., designs for low cost wood homes house plans, 5481-85 Anderson, Maynard E., automating fluid milk processing line acquirement and pro-

milk processing line, equipment and procedures, 4801

cedures, 4801
Andreasen, Gordon E., magnetic fields for 4 x 6 prismatic model, 5560
Angle of attack:
blunt lifting body at Mach 3.71, experimental heat-transfer distributions, 5935 computer program for prediction of ducted fan performance, 5895
zero and small, discontinuous flows and free streamline solutions for axisymmetric bodies, 5942
Angola, see Portuguese West Africa.

Angola, see Portuguese West Africa.

fish-trout management in raceways, guide,

6177
gold content, 5547
see also Wildlife.
Annuals (plants):

flowering, growing, etc., 4812

Annuities:
District of Columbia teachers retirement amendments of 1970, report, 5133
Foreign Service retirement and disability system, increases and adjustments

system, increases and adjustments— law, 5060 report, 5245 railroad retirement act, supplemental, con-tinue, amend act, reports, 5103, 5204 tax-sheltered plans for employees of pub-lic schools and certain tax-exempt or-ganizations, 5689

ganizations, 2009
Anodes, anode materials and operating conditions for electrowinning beryllium, 5880
Anolyte studies of magnesium electrode in molten mixtures of lithium chloride, potassium chloride, and magnesium chloride,

Anomalies, anomalous water, discovery or error, USSR study, 5798 Antarctic Ocean, Ostracoda (Myodocopina),

6158

Antarctic regions, core drilling through ice sheet, 5366 Antelope Valley area, Calif., soil survey re-

Antelope port, 6191

Antennas

calculating compensating reflector in twoantenna with circular symreflector metry, USSR study, 5759

Antennas-Continued

Antennas—Continued transportable log-periodic dipole antenna, scaled-model measurements, 5391 UHF radio propagation data for low antenna heights, 5390 Anthropometry, skinfolds, body girths, bi-acromial diameter, and selected anthropometric indices of adults, 6013 Anti-tree lower age. Moreonolies.—Trusts

Anti-trust Monopolies-Trusts

Anti-trust laws,
(industrial).
Anttila, Peter W., sedimentation in Plum
Creek subwatershed No. 4, Shelby County,
north-central Kentucky, 5564
APCL, see Atmospheric and Physics Chem-

APCL, see Atmospheric and Physics Chemistry Laboratory.

Apollo Project, see Project Apollo (man-inspace program).

Apollo spacecraft, see Spacecraft.

Appalachian region:

acid mine drainage, message from the President, 5068 Bedford shale, Berea sandstone, and Sun-bury shale, age, 5541

ppeals, tax refunds, appeal rights and claims, 5633

McIntosh and golden delicious apples, feasibility of using 50-by-30 centimeter cell box for exporting, 4819 pasteurized, 90-day subacute oral toxicity studies on radiation, 4892 Application of biologicals, 5765 Appraisals, see Valuation, Apprentices, mechanical repair and personal service trades, apprenticeship schedules, 4844 Appropriations.

Appropriations:

general Government matters, 1970, continue, law, 5052 supplemental, 1970, revisions, 5074 see also subjects for which appropriations

Appropriations Committee, House, hearings, 5142 are made

Appropriations Committee, Senate, report, 5254

queducts, California undersea prereconnaissance study, 6141 publications, price list, 6131 technical manuals, 4865-67 my Matanial Comp Aqueducts,

Army Material Command:

AMC pamphlet, 4846-49 publications and blank forms, index, 4846 regulations, AMCR series, 4851

reports, register of approved recurring reports, 4847

safety manual, 4851

Army Surgical Research Team, WRAIR, activities in Vietnam, studies, 4868
ARS, see Agricultural Research Service.

Artificial Heart: Artificial Heart Program Conference, proceedings, 6024 cardiac replacement, medical, ethical, psy-chological and economic implications,

6025

Artificial Organs and Transplantation, National Commission on, see National Commission on Transplantation and Artificial Organs.

Artificial rearing of 10 species of woodboring insects, 5497

Arts and Humanities, National Foundation for, see National Foundation for the Arts and the Humanities,

Ash, Sidney, R., ferns from Chinle formation (Upper Triassic) in Fort Wingate area, N. Mex., 5550

Ashley, Burton E., mineral industry of Islands of Caribbean, 5863

Asia, southeast, vessels in support of military activities, Government owned, improvements needed, in operation by Maritime Administration, GAO report, 5531

Asian Development Bank :

appropriations, 1970, law, 5053 United States contribution, proposal mes-sage from the President, 5090 spirations, enrollments, and resources,

Aspirations, enrollments, and resources, challenge to higher education in the seven-

ties, 5344 ASPM series, 5298 Assets and liabilities, see Capital assets-Property.

Associations, see names of associations— also subject with which association has to

Astronautics:

future progress of space transportation

(address), 5890
spaceflight factors in barley seeds during circumlunar flights of automatic stations Zond 5 and Zond 6, chromosome mutations induced, USSR study, 5792

Astrophysics, on cosmic hydromagnetic dy-namo theory, 5389 Atlantic Coast:

Continental Shelf and slope, shallow struc-

ture, 5548 light list, Little River, S.C., to Rio Grande, Tex., and Antilles, 4977 nautical chart catalog, 4976

Atlantic Ocean

castern tropical, tuna purse seine fishery, 5008

north. weather stations agreement, orth, weather stations agreement, amended text of Annex 2, approved by Council of International Civil Aviation Organization, 6250 orthwestern, cidarold echinoids, field northwestern.

guide, 6161 streamflow from 1931–60, 5566 from United States during

tropical Atlantic tuna larvae collected dur-ing EQUALANT surveys, 5010 lases, catalog of copyright entries, 5294

Atmosphere:
atmospheric sensing to 100 km, status of
passive, inflatable falling-sphere technology, symposiums, 5913
Martian, Mariner-Mars 1969 mission, preliminary report, 5914
Atmospheric and Physics Chemistry Laboratory, ESSA technical report, ERI-APOL
series, 5386-88
Atmospheric entry

Atmospheric entry tmospheric entry; aerodynamics of Mars entry probe-lander configurations at Mach 10 number. 5931 blunt body reentry, radio blackout alleviation and plasma diagnostic results. 5934 hypervelocity, stagnation point heat transfer during entry. 5892

Atmospheric sounding, see Sounding.

Atmospheric temperature, see Temperature Atomic blasting, biological implications of nuclear age, 4885

Atomic energy:

atomic transition probabilities, bibliog-raphy, 6004 fundamental nuclear energy research, 4896 nuclear industry, 1969 report, change, 4896 Atomic Energy Commission: AEC research and development reports, 4869-94

AEC symposium series, 4884-86

allowances for independent research and development costs in negotiated con-tracts, issues and alternatives, GAO tracts, issuereport, 5522

fundamental nuclear energy research, 4896 Nuclear Instrument Module Committee, standards adopted, 4891

Atomic Energy Joint Committee, hearings,

tomic power plants, see Nuclear reactor power plants. Atomic

Attitude control, see Satellites.

Attorney General, see Justice Department. Attorneys, see Lawyers.

Auburn, Ala., preschool program in compensatory education, language stimulation program, 5355
Auditing, medical institutions, audits reorganized, USSR study, 5757
Auditors, pay, national survey, 5822
Australia, joint defense communications station, agreement, 6230
Austria, market factors, 4990
Automation:
and women workers, 6282

automating fluid milk processing line, equipment and procedures, 4801 automation of research, conversion of information form, USSR study, 5793 chemical production associated with fertilizers, USSR study, 5762 Automatons, man among automata, USSR study, 5738

study, 5738
Automobile drivers, Government driver's guide, 6268
Automobile trailers, see Trailers.
Automobiles, imported into U.S., regulations,

Avery, T. Eugene, forester's guide to acrial photo interpretation, 4807
Aviation, see Aeronautics—Aircraft,
Aviation electrician's mate, 3 & 2 rate training manual, 6089
Aviation fuel, see Motor fuel,

Aviators:

instrument rating (airplane) written test guide, 5409 pilots and flight instructors certification,

Federal aviation regulations, 5403 Awards (incentive), see Rewards (prizes,

Axial flow, see Flow.

Background notes, 6212-17 Bader, J. S., reports for California by Geo-logical Survey, Water Resources Division, 5562

5562
Bahla de San Quintin see San Quintin Bay.
Baird, James T., need for dental care among adults, United States, 6014
Baja, California, benthie ecology of Bahla de San Quintin, 6162
Balance of nayments:
advantages of replacing foreign-made buses with Americants of the second of th

Balance of payments:
advantages of replacing foreign-made
buses with American-made buses, GAO
report, 5528
improve, by further promoting travel to
United States, hearing, 5259
program, revised guidelines for banks and
nonbank financial institutions, 5463
relationship to foreign direct investment
program (remarks), 5480
U.S., public policy implications of Eurodollar market, 5066
Balance sheets, see Finance,
Balanis, Constantine A., radiation from

Balanis,

alanis, Constantine A., radiation from slots on cylindrical bodies using geometrical theory of diffraction and creeping wave theory, 5979 illoons, passive inflatable falling-sphere technology for atmospheric sensing to 100 km, status, symposium, 5913

Band-tailed pigeons, see Pigeons.

Bandwidth:

large time-bandwidth product radars, capture and spurious target generation due to hard limiting, 6109 wideband ambiguity functions, review,

6108

Banking and Currency Committee, House, hearings, 5149 Banking and Currency Committee, Senate: investigations and studies—

authorization, report, 5241 expenses, report, 5201 housing, Federal programs, etc., authorization, report, 5242 reports, 5201–2

Bankruptcy, insurance companies,

American public against insolvencies, hearings, 5262
Banks and banking, nonmember banks that maintain clearing accounts with Federal reserve banks, list, 5465

see also Banks for cooperatives. Banks for cooperatives, banks of Farm Credit System supervised by Farm Credit Administration, audit report, 5524
Barker, Fred, Precambrian melasyenite of Ute Creek, San Juan Mountains, Colo., chemistry, petrology, and strotlum isotopes 5549

chemistry, petrology, and strotium iso-topes, 5542 irker, L. Keith, simple method of using onboard optical measurements to predict orbit established after lunar-ascent-transfer orbit, 5937

fer orbit, 5937
Barkuloo, James M., taxonomic status and reproduction of striped bass, Marone saxatilis in Florida, 6210
Barley, seeds during circumlunar flights of automatic stations Zond 5 and Zond 6, chromosome mutations induced by space-flight factors, USSR study, 5792
Barnard, J. Laurens, benthic ecology of Bahia de San Quintin, Baja, California, 6162

6162

aron, Norton, alpha-gamma angular corre-lations for reaction nickel-58, 5928 salt, sulfur-basalt concretes, strengths,

Basalt.

Bass, striped, Morone saxatelis, taxonomic status and reproduction in Florida, 6210 Battleships, see Warships. Beams, optical crossed-beam method, use for

Beams, optical crossed-beam method, use for turbulence measurements in supersonic, shock-free jets, 5917
see also Proton beams.
Bearings (machinery):
air lubricated pivoted-pad journal bearingrotor system, effects of mount stiffness
and damping on dynamic behavior, 5972
bearing and bushing, plain, Federal item
identification guide, change, 5303
Bears, black bear, habitat management, 6182
Beautification, 2d annual highway beauty
awards competition, 5416
Bedford shale, see Shale.
Beech, value increase, rate, 5511

Beech, value increase, rate, 5511

Beef:

fresh, USDA, institutional meat purchase specifications, 5288 trade agreement with Honduras, 6239 fresh.

er, excise taxes, code of Federal regula-tions, 5692 ectles, chemical control, Arizona 5-spined

Beetles, choips, 5502 Behavior:

Behavior:
probability learning, 1st-order Markov
structures of quarternary events, 5971
tenrecs, mammalian behavior and evolution, study, 6156
Bell, John E., family in hospital, lessons
from developing countries, 6045
Belorussia, see Belorussian Soviet Socialist
Rounbile

Republic.

Belorussian Soviet Socialist Republic, science and institutes, USSR study, 5804 Benefit-cost analysis of kidney disease pro-

grams, 6144
Bentley, Helen D.:

Feb. 17, 1970, 5425 Feb. 20, 1970, 5426 Feb. 26, 1970, 5429

Feb. 27, 1970, 5427-28 Berea sandstone, see Sandstone.

Bergen, James D.:

nocturnal air temperature on forested mountain slope, 5514 nocturnal radiation le

loss estimates for forest canopy, 5503
Berry, Donald T., handling qualities of XB-

70 airplane in landing approach, 5967

nies, protect insolvencies, r banks that r banks that

Beryllium, electrowinning, anode materials and operating conditions, 5880

Bibliography atomic transition probabilities, bibliog-

raphy, 6004

California water resources, reports, 5562
design of light aircraft, 5894

DDY [1,1-dichloro-2,2-bis (P-chloro-phenyl) ethylene], 5983

health service, comprehensive program,

5329 intelligence, extensive coverage, 6041

medicare, impact, 6169 new communities, 5606 Orbiting Geophysical orbiting Geophysical Observatory program, supplement, 5981 retail credit and collections, 6153 sales management and training, selections from Marketing information guide,

4902

small business, 6153 urban crisis, 6042 Bilello, Michael A. relationships between climate and regional

variations in snow-cover density

variations in snow-cover density in North America, 5363
Biodegradation, see Degradation.
Biological implications of nuclear age, 4885
Biological physics, biophysics, problems, USSR study, 5782
Biological products, application of biologicals, USSR study, 5765
Biological sciences, see Biology.
Biology, associate training programs, NIII, 6052

6052
Biomechanics, blomechanical systems discussed, explained, USSR study, 5732
Biomedicine, biomedical sciences, effects of NIGMS training programs on graduate education, evaluative study, 6040
Biometry, notes on biometry in medical research, 6277
Richins:

Bionics

neurobionics, some problems, USSR study, 5768 problem of objective foundation, USSR

problem of objective foundation, USSR study, 5727
Biophysics, see Biological physics.
Birmingham, Ala., metropolitan intrastate air quality control region, report for consultation, 5994
Birth control, publications, price list, 6132
Bismuth, in United States, 5850
Black bears see Bears

Black bears, see Bears. Blacktail deer, see Deer. Blade, O. C., motor gasoline, summer 1969, 5870 Blades,

lades, relative velocity, and inlet-guide-vane configuration effects on noise from axial-flow compressors, 5922 air County, Pa., regional wholesale dis-tribution facilities, 4820

Blake, Elizabeth, quiet cries, play about suicide prevention, 6048

Blast effects, see Explosions. Blasting, see Explosives.

Blood, RH isoimmunization, hemolytic disease of fetus and newborn due to, 5841

BLS staff papers, 5820

Blunt bodies:

lifting at Mach 3.71. experimental heattransfer distributions, 5935 reentry, radio blackout alleviation and

plasma diagnostic results, 5934 Blyth, James E., standing timber coefficients

for Indiana walnut log production, 5510 BNDD, see Narcotics and Dangerous Drugs Bureau.

Boards (lumber), see Lumber.

Boats, Coast Guard Auxiliary courtesy examination need boat insurance? make seal of safety your policy, 4978
Bodies (aerodynamics) see Aerodynamics.

Body measurements, see Anthropometry. Boilermakers, 1 & C, rate training manual,

helical-wire insert, inlet nozzle, and helical-wire insert, plugs. test, 5948 Boilers. single-tube-in-shell water boiler with

different inlet-region plugs, test, 5948 Bolivia, economy, basic data, 4989 Bonds, purchase plans under self-employed individuals tax retirement act, guide, 5663 Bones, cancer, health information, 6135

Federal item identification guide, 5304
GPO standard ink book, 5568
Boots and shoes, rubber footwear, census of
transportation, 1967 commodity transportation survey group, 4926
Boric acid, isotopic, and assay, standard reference materials, 6002
Boring insects, wood-boring insects, extin-

erence materials, 6002
Boring insects, wood-boring insects, artificial rearing of 10 species, 5497
Botany, Botanical Society, All-Union, USSR, work between 3d and 4th delegates' congresses, USSR study, 5725
Bouma, John C., regional wholesale distribution facilities for Blair County, Pa.,

Boundaries (physics):
calculated wind-tunnel-boundary lift-interference factors for rectangular perforated test sections, 5943

Boundary layer: atmospheric, longitudinal and lateral spec-

atmospheric, longitudinal and interar spectra of turbulence, 5927
wall, in Mach 6 axisymmetric tunnel, preliminary survey, 5938
zero-pressure-gradient, compressible, turbulent boundary layer flow, summary of available information on Reynolds anal-

available information on Reynolds analogy, 5923
Bourlier, Bob G., soil survey, Torrance area, N. Mex., 6197
Boussu, Marvin F., new "live car" improves catfish harvesting and handling, 5006
Boxes, feasibility of using 50- by 30-centimeter cell box for exporting McIntosh and golden delicious apples, 4819
Bozarth, F. M., factors affecting productivity of central plant concrete mixers, 6138
Braconidae, see Wasps.
Brain, craniocerebral cooling apparatus, method for improving effectiveness, USSR study, 5755
Brayton space power system, steady-state

Brayton space power system, steady-state analysis, 5964 400-hertz Brayton cycle turboalternators and controls, steady-state electrical per-

formance, 5953

Breakfasts:

reakrasts:
school breakfast program—
for children, strengthen and expand, report, 5200
meals for needy children, provide temporary emergency assistance, report, 5251

5251

Breeder reactors, see Reactors (atomic).

Brehm, Henry P., medical care costs for disabled, 6167

Brewer, Joseph D., program to attain maximum agricultural production in An Giang Province. Viet-Nam, 5373

Brewer, William D., evaluation of flash X-ray technique for recession measurements in ablative materials, 5960

Bridge to future, Veterans Administration special employment and training for youth.

special employment and training for youth, 6278

Briggs, see Guardhouses. Briggs, Ted C., com riggs, Ted C., compressibility data for helium over temperature range—5°C to 80°C and at pressures to 800 atmospheres, Brimmer, Andrew F., remarks, Feb. 6, 1970, 5464

British Isles, see Great Britain.

Broadcasting, see Television.
Broilers, see Chickens.
Brosge, William P., geologic interpretation of reconnaissance aeromagnetic survey, of

northeastern Alaska, 5539

northeastern Alaska, 2039
Brubacher, John I., soil survey, Sedgwick
County, Colo., 6196
Bubonic plague, see Plague.
Buckley, Donaid H., effects of 3½ percent
silicon on adhesion, friction, and wear of iron in various media, 5958

Buckling, see Shells (structural).
Budget of United States:
budget and fiscal policy, 5072
budget outlays, reduce by restructuring
or terminating certain Federal programs, restructuring proposed legislation, message from the President, 5091

defense program, 1971, statement, 5323 1970, amendments, proposal for Export-Import Bank, 5186

planning-programming-budgeting hearings, reports, and committee prints, compilation, authorize printing, report,

te, Conrad D., streamflow from United States into Atlantic Ocean during 1931-60, 5566

Buffalo, N.Y. :

area wage survey, 5833 expanded language arts, compensatory ed-ucation, 5358

ucation, 5358
M/V Thorstream (Nor.) explosion and
fire with loss of life, marine casualty
report, etc., 6075
preschool program in compensatory education, Project Early Push, 5356
Bugg, Frank M., affect of wall roughness on
damping of liquid oscillations in rectangulaw table 5672 lar tanks, 5973 Building:

construction-

and operations of San Luis unit, Central Valley Project questionable aspects valley Project questionation presented to concerning information presented to Congress, GAO report, 5534 health research facilities, remodeling and equipping, PHS grants and

equipping, awards,

low-rent housing preconstruction hand-book, 5600 nursing schools, construction grants, 5574 residential construction, decade of 70's, change (address), 5594 Building science series, 5996-99

Buildings: man and his shelter, conference proceed-ings, 5996

performance, concept and measurement of components, etc., 5996 Bulgaria, claims of U.S. Nationals against

Government, text of act, regulations, etc., 5479

Bulletins, see Farmer's bulletins-also names of departments, etc., issuing bulletinsalso subjects.

urcham, Frank W., jr., local flow field around pylon-mounted dummy ramjet en-gine on X-15-2 airplane for Mach num-bers from 2.0-6.7, 5946 Burcham, Frank W.,

Burma, economy, basic data, 4994 Burn, James W., determination of atmospheric temperature profiles from planetary limb radiance profiles, 5899

Burning of land, prescribed burning in Lake States, current status, 5491

Buses, see Motorbuses. Bushings (electrical):

plain, Federal item identification guide, change, 5303

Business: census, 1967-

major ret 4908-14 retail centers, area statistics,

retail trade area statistics, 4915 selected services, area statistics, 4916-

20 business patterns, CBP series, county by 4931-33

doing business with NATO, how U.S. companies can participate, etc., 4900

panies can participate, etc., 4900
establishing in—
Ghana, 5002
Venezuela, 4991
expenses, tax information, 5675
foreign practices, 5699
government relations (address), 4980
international business in changing world
(address), 4986-87
losses from operating a business, tax information, 5654
minority enterprise, Federal assistance
programs, catalog, 5335
overseas business reports, 4989-5002
small business—

small business

bibliographies, 6153
financial assistance programs and policles, review, hearings, 5283
franchising impact, hearings, 5282
problems facing tool and die industry,

report, 5117 investigation, authorization,

report, 5111
problems, investigation, authorization,
report, 5233
starting and managing series, 6154
tax information on sale of a business, 5686
you and PL 480 exports, how small business can benefit, 5399

Buyers, see Purchasing agents. Buzzard, Charles R., soil survey, Curry area, Oregon, 6192

Cabinet Task Force on Oil Import Control.
report on relationship of oil imports to
national security, 6125
Calandra, J. C., 90-day subacute oral toxicity
studies on radiation, pasteurized food,
strawberries, apples, and pears, 4892
Calendars, tax calendar and check list, 5668

Calibration :

albration:
accelerometer calibration with earth's field
dynamic calibrator, 6010
calibration and test services of National
Bureau of Standards, supplement, 6000
nsychoacoustic, earphones—
differential sensitivity for alternate interaural loudness balancing, 5846
efficient monaural procedure, 5845
alibrators, earth's field dynamic calibrator
for calibration of accelerometer, 6010
alifornia:

Calibrators,

California: northern, ponderosa pine, estimating past

diameters, 5501 southern, urban sprawl and flooding, 5545 student health project, 5587 undersea aqueduct, prereconnaissance

undersea aqueduct, prereconnaissance study, 6141
water resources—
1968 data, 5563
reports by Geological Survey, Water Resources Division, list, 5562
Calleja-Perez, Jose L., rellef, 5101
Camp Century, Greenland, polar snow, variation of some mechanical properties, 5364
Camp Pendleton, Calif., Marine Corps base, conditions in brig, inquiry, report of special subcommittee, 5145
Campers, wildlife esthetics and auto campers in Superior National Forest, 5509

in Superior National Forest, 5509 Canada :

Columbia River Basin flood control payments, agreement, 6251 egg production tests, 1969 report, 4799 labor offices, directory, 5816

Canada-Continued

mineral industry, minerals yearbook chap-ter, 5860 operation of radiotelephone stations, agreement, 5192

agreement, 5192
trade, oil exports, arrangement, 6244
Canada-United States Interparliamentary
Group, 12th meeting, House delegation, report, 5111
Cancer:

bone, health information, 6135 fields, education, research, training, and demonstrations program, extend and im-

prove, hearings, 5277 stomach, health information, 6136 uterus, health information, 6134 unoples, forest, nocturnal radiation loss

uterus, health information, 6134
Canoples, forest, nocturnal radiation loss estimates, 5503
Capacity of refrigerated warehouses in United States, 6254
Capital, markets, access of State and local governments (remarks), 5464
Capital assets, short-term asset management (speech), 5420
Capital of United States see Washington, D.C.

Capture, and spurious target generation due to hard limiting in large time-bandwidth product radars, 6109

Carbon dioxide, some new amines as regenerative carbon dioxide absorbents, investigation, 6100

Carbon monoxide:

air quality criteria, 5986 control techniques for emissions from— mobile sources, 5989

stationary sources, 5988
opacity probability distribution functions
at elevated temperatures, 5977
Cardiac replacement, medical, ethical, psychological and economic implications, chological

Cardiovascular system:
Artificial Heart Program Conference, proceedings, 6024
thoracic squeeze episode as possible cause

of diving casualty, case report, 5843 Careers, see Occupations. Cargo, see Ships.

Cargo, see Ships.
Caribbean area:
Agricultural Stabilization and Conservation Service, annual report, 4805
islands, mineral industry, minerals yearbook chapter, 5863
Caribbean sea, cidaroid echinoids, field guide,

6161

Carleton, David A.: mineral industry of— Iran, 5861

Nigeria, 5866 Carotene, stability in alfalfa as affected by pllot- and industrial-scale dehydration, pilot-4829

arroon, L. E., correlative estimates of streamflow in upper Colorado River basin, Carroon, 5565

Carswell, George H.: hearings, 5272 report, 5194

report, 5194
Carter, Arthur W., effects of ground proximity on longitudinal aerodynamic characteristics of unswept aspect-ratio-10 wing, 5956

Cartographic aids, serial photography, Army

technical manual, 4865
Cary, Aubrey M., jr., summary of available information on Reynolds analogy for zero-pressure-gradient, compressible, turbulentboundary-layer flow, 5923

Casualties, see Marine accidents.

Catalogs:

copyright entries, 5294 minority business enterprise, Federal assistance programs, 5335

Catalogs-Continued

National Bureau of Standards, standard reference materials catalog and price

reference materials catalog and price list, supplement, 6001 neotropical squamata, 6057 United States nautical chart catalog, At-lantic and Gulf Coasts, Puerto Rico, and Virgin Islands, 4976 italizato, E. J., standard reference mate-rials, boric acid, isotopic and assay stand-ard reference materials, 6002 Catanzaro,

Catfish:

acute viral disease of channel catfish, 6209 new "live car" improves catfish harvesting

and handling, 5006
Cathey, Henry M.:
growing flowering—
annuals, 4812 perennials, 4813

indoor gardens for decorative plants, 4814 Cathode ray tubes, single gun color CRT, research and development, phase 2, final report, 5900

report, 5900
Cattle ranges, see Range lands.
Cavitation, 80.6 helical inducer operated in hydrogen, thermodynamic effects, 5933
CCC, see Commodity Credit Corporation.
Cedar, eastern red, survival and growth of seed sources in southwest Missouri, 5494
Cellulose, orlented membranes for reverse osmosis and relationship between morphology and salt rejection, study, 5622
Census:

Census:

business, 1967major retail centers, area statistics, 4908-14

retail trade, area statistics, 4915 selected services, area statistics, 4916-20

census use study reports, 4930 Governments, 1967— reports, 4921

State reports, 4922-23 1970 census-

facts, questions and answers, 4951 final plans, and 4 programming systems for computerized data retrieval and

manipulation, papers presented at conference on Small-Area Statistics American Statistical Association, New York, N.Y., 4929 logistics, report, 5136

nogistics, report, 5136
what's new (remarks), 5005
statistics, collection authorization and continuation, report, 5195
transportation, 1967, commodity transportation survey, shipper groups, 4924–28
tract papers GE-40 (series), 4929
see also subjects.

Census Bureau, special censuses conducted, summary, 4948 Center for Computer Sciences and Technology, technical highlights, 1969 fiscal year, 6006

Center for Radiation Research, technical highlights, 1969 fiscal year, 6006 Central States, north, dietary levels of house-

holds, 4816 entral Valley Certificated air carriers see Air carriers.

Certificates, see types of certificates or subjects involved.

Certification of air carriers, see Air carriers, Cetacea, Soviet studies on cetanceans, 5763 Chaffee County, Colo., geology and mineral deposits of Poncha Springs, NE quad-

rangle, Chaffee County, Colo., 5552 Chains, Federal item identification guide,

Chalcocite, concentrate, oxidation roasting,

Chamber devices, rotary expansible, classification definitions, 6113
Chambers, Joseph R., investigation of lateral-directional dynamic stability of tilt-wing V/STOL transport, 5945
Chancellaries

Chancelleries:

Chancery act of 1964, amend, report, 5132 foreign, in D.C., property use for, amend act. report, 5132 Chanceries, see Chancelleries.

Changing priorities for 1970's (remarks),

6266 hannel catfish, see Catfish.

Charters, Federal, consideration, expenses, report 5223 report,

Charts, medical care dollar, chart book, size and shape, 6172 Chase, Helen C., study of infant mortality from linked records, methods of study and

registration, aspects, 6017 Chattanooga, Tenn., interstate air quality control region, report for consultation,

5993 Checklists, see subject.

Checks, personal, to pay postal charges, permit, report, 5255 Chemical elements: atomic transition probabilities, bibliogra-

phy, 6004 do superheavy elements already exist (re-

marks), 4895 Chemicals

hemicals:
automation of chemical production associated with fertilizers, USSR study, 5762 chemical control of Arizona 5-spined ips, ips lelecontel sw, 5502 chemical products, census of transportation, 1967, commodity transportation survey, shipper group, 4925 hemistry, series, no. 10-11, 1969, new means of plant protection, USSR study, 5775

Chemistry,

5775
Chemists, pay, national survey, 5822
Chest, thoracic squeeze episode as possible cause of diving casualty, case report, 5843
Chestnutt, David, effects of inlet-guide-vane configuration and relative blade velocity on noise from axial-flow compressors, 5822
Chiaroscuro, woodcuts, "Pembroke" album, ROSE 5835

Chicago, Ill., metropolitan area, flood hazard mapping, 5546

Chickens:

broiler marketing guide, 5292

layers and egg production, 6255
Child development, see Children,
Child Nutrition, National Advisory Council
on, see National Advisory Council on Child Nutrition,

Child Nutrition.
Children:
aid to families with dependent children,
cost standards for basic needs and percent of standards met, 6021
Child nutrition act of 1966, amend, reports, 5200, 5251
children of divorced couples, U.S., selected

years, 6018

disadvantagedexpanded language arts, Buffalo, N.Y.,

homework helper program, New York City, 5351

language stimulation program, Anburn. Ala., preschool program in compensa-tory education, 5355 preschool, Project Early Push, Buffalo,

N.Y., compensatory education program, 5356
education in federally affected areas, 1969
annual report, 5342

service programs under National

school lunch act— meals for needy children, provide tem-porary emergency assistance, report, 5251 strengthen and improve, report, 5200

Children-Continued

health services, social security benefits, 5840

hearing levels of children by age and sex, United States, 6016 learning to talk, speech, hearing, and arning to talk, speech, hearing, and language problems in pre-school child, 6051

pediatric pharmacology, conference pro-

ceedings, 5474
preschool, discipline and self-control, program manual and study guide, 4952
School children's assistance act, hearings, 4952 5156

visual acuity, health statistics, 6015
Chile, Peru-Chile trench, presence of Ostracoda (Myodocopina), 6158
China, Republic, naval vessel loans, extend,
report, 5125 programmer transfer

report, 5123
Chinle formation, ferns from Upper Triassic period in Fort Wingate area, N. Mex., 5550
Chinn, Yau Ming, relief, 5046
Chittagong, East Pakistan, port, economic analysis of proposed reconstruction of jetties 1 through 6, final report, 6264
Chlorides, see chlorides by name, e.g. Lith-

ium chloride.

Cholera, see Hog cholera. Chrisler, Donald, world agricultural situa-tion, 1969 review and 1970 outlook, 5341 Chromlum, chrome tannery wastes, activated sludge treatment, pilot study of treating combined chrome tannery wastes and domestic sewage, 5471

mestic sewage, 5471
Chromosomes, mutations induced by spaceflight factors in barley seeds during circumlunar flights of automatic stations
Zond 5 and Zond 6, USSR study, 5792
Circuits, frequency dependent, automated
fault diagnostics by correlation and variance techniques, 5978
Circulars, 866, names of departments, etc.

Circulation of money, see Money. Circulators, ferrite circulators, USSR study, 5742

Circulatory system, see Cardiovascular system.

Cities and towns: census, 1967, local government, metropol-itan areas, 4921 community environmental management se-

ries, 5376

inner city—
FHLBB, proper role (speech), 5418
housing, financing, hearings, 5149
need for community involvement in career
development program (address), 5605
new communities, bibliography, 5606
new communities to plan and build (ad-

dress), 5595 preliminary community and regional water supply data in support of desalting plant projections, 5628 ban affairs, study, authorization, report,

urban

5242 urban crisis-

bibliography, 6042
cannot be separated from solutions for
rural decline (remarks), 5608
urban development effects on direct runoff
to East Meadow Brook, Long Island, N.Y., 5553 urban and flooding in southern

sprawl California, 5545

in urban environment (series). 5545-46

Citizens of United States:

employed in U.S. possessions, tax guide, 5669 foreign tax credit for U.S. citizens and

resident aliens, 5644

City planners, VISTA architects and planners, general information, 5333 Civil aviation, see Aeronautics.

Civil defense management for sewage systems, industrial civil defense handbook, 4956

Civil Defense Office: annual statistical report, 4955 technical report, 4960

Civil rights act of 1964, title 6, HEW organization, policies and compliance procedures development under act. report, 4961 legal rights of the disabled and disadvantaged, 6164

Civil Rights Commission, Clearinghouse publication 4963

lication, 4961

Civil service:

career opportunities, VISTA lawyers, 5332 examination announcements-

current, 4966
current, Washington, D.C., metropolitan
area, 4967
dental auxiliaries, 4964
substitute clerk-carrier, Post Office,

amendment, 4962 trainees in vacation work-study pro-gram, engineering, physical sciences mathematical sciences, amendment, 4963

Federal ederal personnel manual, supplements, 4970-71

investigation, authorization and continua-tion, report, 5195

opportunities. local and regional ex-

processing personnel actions, 4970
processing personnel actions, 4970
recruiter (periodical), 4965
Civil Service Commission, administration of
Federal employees' group life insurance Federal employees' group life insurance program. GAO report, 5520 Civil service pensions, retirement system, Federal employee facts, 4968 Civil War, 1861-65. Lincoln. Lee, and American Civil War, National Park Service publications, list, 6130 Claims:

Alaska native claims settlement act of 1969, hearings, 5161

1969, hearings, 5161
claims and judgments against U.S., proposed supplemental appropriation to pay, 5188
tax refunds, appeal rights and claims, 5633
uniformed services and National Guard members, erroneous payments of pay and allowances, walver, amend U.S. Code, report, 5116
United States nationals against Bulgaria, Rumania and Italy, text of act, regulations, etc., 5479

tions, etc., 5479
Clamps, hub clamps, Federal item identification guide, change, 5311
Clark County, Wash., soils and people, 6199
Clarke, Robert G., mineral industry of New
York, 5865

Classification, position classification systems in Federal Government, improve. report, 5112

see also names of substances, objects, etc., classified.

Classification definition series, 6112-13 Clay, census of transportation, 1967. modify transportation, 1967, commodify transportation survey, shipper group, 4928
Clean air act, see Air pollution.
Clean Waters for America Week, designate, report, 5247

Clear-cutting, clearcut openings, seedfall and establishment of Engelmann spruce, case

history, 5515 Cleft lip, see Harelip. Cleft palates, U.S. facilities providing cleft palate services. National Institute of Dental Research directory, supplement, 6039 Clergy

social security for clergy men— and religious workers, tax information, explanation, 6173

Clergy Week, International, see International Clergy Week.
Clerks, see Office workers.
Cleveland, Ohio, area wage survey, 5827
Climate, relationship between climate and regional variations in snow-cover density in North America, 5363
Clinical Center, National Institutes of Health, current clinical studies and patient referral procedures, 6053
Clothing, coats and coat-like garments, Federal item identification guide, change, 5306
Coagulation, disseminated intravascular, in decompression sickness, discussion, 5844
Coal: Coal:

low grade, magnetohydrodynamics (MHD)

for pollution-free production of electrical energy, hearing, 5267

Project Seacoke, investigation of process for deriving oil from coal, etc., 4974
resources, Cumberland, Hobart, and Maple Valley quadrangles, King County, Wash., 5551

power plant, 4975 unit train transportation, technology and description of 9 representative tions, 5851

Coal dust:

horizontal prizontal plate elutriator and 10-mm nylon cyclone elutriator, evaluation of penetration characteristics, 5886 respirable coal mine dust, symposium pro-ceedings, 5855 Coal mines and mining:

air sealing coal mines to reduce water pol-5885 lution.

lution, 5885
respirable coal mine dust, symposium proceedings, 5855
Coal Research Office, research and development reports, 4974-76
Coast and Geodetic Survey, nautical chart catolog, Atlantic and Gulf Coasts, Puerto Rico and Virgin Islands, 4976
Coast Guard:

Coast Guard

ast Guard: appropriations for vessels, etc., authoriza-tion, hearing, 5172 construction of shore and offshore estab-lishments, appropriation, authorization, hearing, 5172

Marine Board of Investigation, report and Commandant's action, 6073-75
Coast Guard Auxiliary, courtesy examination decal, requirements and standards, checkoff list, 4978
Coast Guard Auxiliary

Coast Guard stations:

appropriations for vessels, etc., authorization, hearing, 5172 construction of shore and offshore estab-

construction of shore and offshore estab-lishments, appropriation, authorization hearing, 5172 Coastal Engineering Research Center, tech-nical report, 5366 Coated surfaces, see Surfaces Coats, and coat-like garments, Federal item identification guide, change, 5306 COBOL, see Computer programs/programing. Code of Federal regulations, 5441-60 see also for titles, chapters, etc., of the Code printed separately, subject involved.

involved

Codes, see subjects.

Codes of law: District of Columbia, 1967 edition, supplement, 5168 statutes of United States, revision and

codification, study, expenses, report, 5231

Coefficients, standing timber coefficients for Indiana walnut log production, 5510 Cohen, Edwin S., remarks, Feb. 10, 1970,

6273 Cohen, Sidney, drug dependence, 6044 Coke, Project Seacoke, investigation of proc-ess for deriving oil from coal, etc., 4974

Clergy Weck, International, see International | Cold Regions Research and Engineering Lab-

Cold Regions Research and Engineering Laboratory, research reports, 5363-65 Cole, Samuel, J., relief, 5036 Cole, W. Storrs, larger foraminifera of late Eocene age from Eua, Tonga, 5555 Coleoptera, see Beetles. Collecting of accounts, retail credit and collections, bibliography, 6153 Collective bargaining, agreements, joint committee or boards to interpret provisions, union management funds to finance, report, 5199 see also Industrial relations. see also Industrial relations.

Collectives, USSR, spread of droplet infec-tions in closed collective, mathematical models, 5746 College students, see Students.

Colleges and universities:

olleges and universities:
aspirations, enrollments, and resources,
challenge to higher education in seventies, 5344
National Institute of General Medical
Sciences training program effects on
graduate education in blomedical
sciences, evaluative study, 6040
1969 graduate education in comprehensive
health planning, 5019
scientific education and educational establishments, USSR study, 5731

lishments, USSR study, 5731

Colloids:

termination of surface and colloidal conditions which can lead to high salt determination rejection, reverse osmosis, polymer mem-

rejection, reverse osmosis, polymer membranes, 5614
needle and slit colloid thrustors, research and development, 5918
Colonial National Historical Park, Moore House, general information, 6064
Color, color-range bodies in color photography, USSR study, 5799
Color codes, single gun color CRT, research and development, phase 2, final report, 5900

5900

Color photography, color-range bodies, USSR study, 5799 Color prints, see Prints.

Colorado :

board-foot volumes to 6-inch top for lodgepole pines, 5505 ponderosa pine zone, seeded ranges re-sponse to different grazing intensities,

4825

southern economic development program (address), 5326 Colorado River and Valley:

basin, surface water records, 5563 upper basin, streamflow, correlative esti-mates, 5565

mates, 5565
Columbia River and Valley:
basin, flood control payments, agreement
with Canada, 6251
surface waters, quality of basin, 5567
Columbus, Ohio, area wage survey, 5831
Columnaris disease of fishes, 6204 Combustors:

short length turbojet, insensitive to radial distortion of inlet airflow, performance, 5924

turbojet, using natural gas fuel heated to 1200°F., performance, 5963

Commerce:

Foreign Arbitral Awards, recognition and enforcement, convention on, implement, report, 5246 international business in changing world

(address), 4987
safety on waterfront, it's importance to trade (remarks), 5428
summaries of trade and tariff information, it's importance to

6262

trade, agreement with Honduras, 6239 see also Exports.
Commerce Committee, Senate: hearings, 5258-62 investigations and studies, authorization.

report, 5211

Commerce Department:

appropriations, 1970, report, 5104
maritime programs, appropriations, 1971,
authorize, hearing, 5173
Commercial aviation, see Air carriers.
Commercial fisheries, see Fish and fisheries.
Commercial Fisheries Bureau, special scientific reports, fisheries series, 5013-14
Commercial practices, code of Federal regulations, 5442
Commercial products:
commodity transportation survey, 1967
census of transportation

census of transportation, shipper groups, 4924-28

production. employers contributions

jointly administered trust funds, permit, report, 5199 see also names of products. Commercial treaties, trade, Canadian oil

exports, arrangements, 6244 ommissioned officers, see Public Health Commissioned officers, Service.

Committees, see Congressional committees. Commodities, see Agricultural products— Commercial products.

Commodity Credit Corporation, dairy products, donate to school lunch program and needy groups of U.S. and abroad, report,

Commodity exchanges:

act, as amended, 5015 commodity futures statistics, July 1968-June 1969, 4827 Communications:

act of 1934, amend, hearings, civilian power and communications, prob-lems caused by electromagnetic pulse, 4887

effect from Hurricane Camille, Aug. 17-21, 1969, summary report, 5414 information communication occupations, suggested curriculum guide, 5352 underground, induction devices for detecting, investigation, USSR study, 5736

see also Space communications.

Communism

Communist doctrine and Soviet diplomacy, observations on international negotiation, 5265

Communist organizations, investigation, expenses, report, 5226 Communist Party of United States, Students

for a Democratic Society activities, hearings, 5163 Communities, see Cities and towns-

communities.

Community action agencies, rural community action agencies, study of neighborhood

community action agencies, rural community action agencies, study of neighborhood center program, 5336

Community development programs: neighborhood center programs in rural community action agencies, study, 5336 water supplies in developing countries, guidelines and criteria for establishing, 5377

Community health age Hoolth

Community health, see Health, Compacts (interstate), see Interstate agreements.

Compensation, see Salaries. Compensation of victims of crime, hearing,

5263

Compensatory education, see Education. Competence for all as goal for secondary education, 5346 Competition:

defense procurement, policies, hearing,

orld wheat markets and U.S. exports, 5477 world Components construction, see Buildings.

Composite materials, tungsten alloy fiber-nickel-base alloy composites for turbojet engine applications, preliminary evalua-tion, 5926 Compressible flow, see Flow.

Compressibility:

ompressibility; compressibility data for helium from temperature range—5°C to 80°C and at pressures to 800 atmospheres, 5883 compressive instability and strength of uniaxial filament-reinforced epoxy tubes,

compressive strength of titanium-alloy skin stringer panels, influence of salt and elevated-temperature exposure, 5961

Compressors: axial-flow, noise from, effects of inlet-guide-vane configuration and relative blade velocity, 5922 current industrial reports, 4939 Computations, see Numerical calculations. relative

Computer programs/programming:
COBOL, common business oriented language, fundamentals, programmers,

change, 6111 computerized data retrieval and manipula-tion, final 1970 census plans and 4 progamming systems, papers, etc., 4929 data processing facilities at ESSA Re-search Flight Facility, 5393 fault diagnostics for frequency-dependent

techniques, 5978 ducted fan performance, prediction, 5895 RAPIER, multiple linear regression analysis providing internally evaluated

sis providing internally evaluated remodeling, 5951 SLENDER, plotter subroutine, meteoro-logical straight line flight data, 5387 spaceborne multiprocessing, study, 5891

Computers:
Federal item identification guide, 5307 univresal logic blocks, 6101 see also Electronic computers.

oncrete:
sulfur-basalt concretes, strengths, 5881
use on farm, 4810
wet, radioisotope X-ray methods for field
analysis of quality, methodology and
conceptual instrument design, 4889
oncrete mixers, central plant concrete

Concrete mixers, central plant concrete mixers, factors affecting productivity, 6138 Condemnation of property, private, for pub-lic use, how Federal income tax applies, 5637 Conference committees, reports, 5104, 5125.

5137-39

convention on Recognition and Enforcement of Foreign Arbitral Awards, implement, report, 5246
durability of insulating glass, seminar proceedings, 5997
joint Government-industry, proceedings, 5322

see also names of conferences, etc.—also subject of conference.

Configurations:

offigurations. Apollo management manual, 5889 blunt lifting body at Mach 3.71, experi-mental heat-transfer distributions, 5935 magnetic configuration with shear and magnetic configuration with shear and minimum B, 4871
Conflict of generations, teenagers discuss the generation gap, 4954
Congress of United States:

congressional record—
daily, subscription price, Public Printer
to fix, authorize, report, 5256 91st Congress, 1st sess., bound volumes, 5020-27

legislative reorganization act of 1970, im prove legislative branch, hearing, 5179 Congressional committees, employees, pay-

ment of compensation, report, 5108 Congressional record, see Congress of United States.

Congressional serial set, 5029-35 Connecticut, postal map, 6122

conservation- | Copyright Office Soil Conservation, see

Water—also subjects.
Constitution of United States:
amendments, study, expenses, report, 5220
constitutional rights, study, expenses, 5221 report.

report, 5221 constitutional separation of powers be-tween executive, judicial, and legislative branches of Govt., study, report, 5232 Constitutional rights, see Constitution of

United States.

Construction, see Building. Construction industry, machinery, trade and tariff information summaries, 6262

Construction mechanic 1 & C, rate training

Construction mechanic 1 & C, rate training manual, 6094
Construction materials, aerospace structural materials, conference proceedings, 5915
Consultative approach to safety, 5817
Consumer and Marketing Service:
C&MS series, 5286
PMG series, 5291-92
CONSUMER:

Consumers:

consumer bulletins, 5468

nsumer information, Federal motor vehicle safety standards and regulations, supplement, 6033 consumer

Independent consumer council act, hearings, 5260 (economics), see names or

Consumption classes of commodities.

Containers:

containerization, streamlining of adminiscontainerization, streamining of adminis-trative paperwork (remarks), 5424 containerships under construction and on order (including conversions) in United States and foreign shipyards, June 30, 1969, list, 5836

1969, list, 5836
flag containerships and flag ships with partial capacities for containers and/or vehicles, U.S., June 30, 1969, list, 5839
Contests, tax information, sponsors of contest and sporting events, 5671
Continental Shelf, and slope, Atlantic, shallow structure, 5548
Contractor report NASA CR (series), 5891–5907

how to do business with GPO, Contractors,

guide, 5569 Contracts, see Government contracts.

Control (vehicle), see Airplanes.

Control systems:

cybernetics and regulation theory, USSR study, 5779

digital control unit for NRL receiving unit, design, 6098

magnetic attitude and agnetic attitude and spin control of small scientific satellite S³-A, 5925

Convention on Prevention and Punishment of Crime of Genocide, international, con-sent to ratification, renewal of request, 5193

Conventions, see Conferences, congresses, etc.

Converters (electric), see Electric current converters.

oogan, Charles H., jr., development of analytical model of flash stage, 5619 Coogan.

see Refrigeration and Cooling appliances, refrigerating machines.

Cooperative housing, see Housing.

Cooperatives, see Farmers' cooperative organizations. Coors, Dallas M., new look at export credit guarantees, insurance, 5715

Copolymers, see Polymers and polymerization.

Copper, Silver Bell Oxide porphyry copper deposit, comparison of triangular, poly-gonal, and statistical method for com-puting grade and tonnage of ore, 5873

Copyright: catalog of copyright entries, 5294 laws, investigation, expenses, report, 5228 Cranium, see Skull.

circulars, 5295

circulars, 5295
publications, list, 5295
Corcoran, John P., relief, 5047
Core drilling, Antarctic ice sheet, 5366
Corporation for Public Broadcasting, see
Public Broadcasting Corporation.

Corporations: corporations:
corporations and Federal income tax, 5638
doing foreign banking or financing that
maintain reserve accounts with Federal
reserve banks, list, 5465
foreign, withholding tax, 5695
Corrections Department, District of Colum-

bia: institutions in Fairfax County, Va., trans-fer control to Attorney General, hear-

ings, 5153
study, report, 5134
Correlation (statistics):
automated fault diagnostics for frequencydependent circuits, 5978

Correlation functions:
mass spectra and analytical correlations
of some alkylcycloalkyl sulfides, 5882

nickel 58-reaction, alpha-gamma angular correlations, 5928 Correspondence schools and courses: Army courses, announcement, 4859

Army courses, announcement, 4859 Industrial College of Armed Forces, national security management, informational security management, informa-tion booklet, 5721
Corresion and anticorrosives, titanium-alloy skin-stringer panels, influence of salt and

elevated-temperature exposure on massive

compressive strength, 5961
see also Scale (corrosion).
Cossette, Ludger J., relief, 5037
Cost, value engineering seminar, joint Government-industry, proceedings, 5322

see also subjects.
ost accounting, 800 Accounts

accounting. Cost-of-living allowances, overseas formed personnel, affirming computation, report, 5126

Costa Rica, cotton textiles, trade agreement, 6225 Costrell, Louis, standard nuclear instrument

modules, 4891 Cotton :

seed cotton in ginning, moisture condition-ing as related to fiber quality and spin-ning performance, 4821

textiles, trade agreement with Costa Rica, 6225

Cotton gins and ginning, moisture conditioning of seed cotton in ginning as related to fiber quality and spinning performance,

4821 Cottontail rabbits, see Rabbits. Council of International Civil Aviation Organization, approval of North Atlantic Ocean weather stations agreement, amended text of Annex 2, 6250

Counterfeits, see Forgeries. Counties, county series, 4931-33 county business patterns, CBP

see also subject involved. Country life, new life for the country, report of President's Task Force on Rural Development, 6124
Courts of United States:

delay, crime in America, hearings, 5150

Federal judicial system, expenses, report, 5225

Cowart, Ralph, developing your manpower,

Cox, Dennis P., lead-zinc-silver deposits related to White Mountain plutonic series in New Hampshire and Maine, 5543
Crandell, Dwight R., surficial geology of
Mount Rainier National Park, Wash., 5540

Craters, natural rubble slopes and their relevance to crater fallback slopes, 5375 CRC. see Civil Rights Commission.

Credit insurance, export credit guarantees, insurance, new look, 5715 Credit selling, see Sales. CRREL, see Cold Regions Research and Engi-

CRREIL, see Cold Regions Research and Engineering Laboratory.
Cresol, isomers, as possible fish-collecting alds, with toxicities, 6207
Cretaceous period, nonmarine ostracodes from Pine Valley quadrangle, Nev., 5557
Crime, Select Committee on, House, hearings, 5150-52

Crime and criminals: crime in America-

illicit and dangerous drugs, hearings, 5151

organized crime, court delay, and juve-nile justice aspects, hearings, 5150 why 8 billion amphetamines? hearings, 5152

crime in National Capital, hearings, 5264 District of Columbia, victims of certain criminal acts, compensation, provide, hearings, 5263

Omnibus crime control and safe streets act of 1968, discretionary grant pro-grams, guide, 5805 regional aspects of crime, National Capital

area, hearings, 5264

spillover of crime from Washington, D.C., to suburbs of Maryland and Virginia, regional aspects, hearings, 5264 use of firearms in commission of crimes of violence, penalties, strengthen, hearings,

Criminal jurisdiction, NATO status of forces agreement, operations, report, 5205 Criminal law, investigations and study, ex-

Criminal law, investigations and study, expenses, report, 5222
Criminal procedure, investigation and study, expenses, report, 5222
Criminals, see Crime and criminals.
Criteria and Standards Office, radiation exposure overview, OCS series, 5382
Crops, see names of crops.
Cross, Ezra L., relief, 5044
Crow, Lester J., strengths of sulfur-basalt concretes, 5881
Crusta ceans:

Crustaceans:

Myodocopid Ostracoda (Cypridinacea) from Philippine Islands, 6160 nonmarine ostracodes of Early Cretaceous age from Pine Valley quadrangle, Nev., 5557

Ostracoda in Texas bays and Iagoons, eco-

Ostracoda in Texas bays and lagoons, etclogic study, 6155
Ostracoda (Myodocopina) from PeruChile trench and Antarctic Ocean, 6158 see also Shrimps.

8ee also Shrimps.

Cyrogenics, spherical tank, 1.52 meter(5-ft-), gaseous-hellium requirements for discharge of liquid hydrogen, 5939

Cryoscopy, cryoscopic method, estimating molecular weight of anomalous component of modified water, USSR study, 5794

Crystals, nematic liquid crystals, electron paramagnetic resonance study of order in several 5554

paramagnetic resonance study of order in several, 5954
Cservenyak, Frank J., Bureau of Mines research and accomplishments in utilization of solid wastes, 5856
Cubans, refugees, assistance, appropriations, 1970, law, 5053
Cumberland quadrangle, Wash., geology and coal resources, 5551
Cups, paper cups and lids, Federal standard, 5467
Curran, H. M. appropriations.

Curran, H. M., evaporative freezing process

for water desalination, 5624 Currie. Pat O., response of seeded ranges to different graziug intensities in ponderosa pine zone of Coforado, 4825 Curry area, Oreg., soil survey report, 6192

Customs, see Tariff.

Cybernetics, and regulation theory, USSR study, 5779
Cycles, see Motorcycles.
Cyclones, see Tornadoes.

Cylinders

cylindrical bodies, radiation from slots, using geometrical theory of diffraction and creeping wave theory, 5979 viscous compressible fluid flow around stacylindrical bodies,

tionary cylinder, numerical calculations,

Cypridinacea, see Crustaceans.

Dairy products, Commodity Credit Corpora-tion donate to school lunch program and needy groups of U.S. and abroad, report. 5207

Dallas, Tex., area wage survey, 5828 Damping:

inping; liquid oscillations in rectangular tanks. effect of wall roughness, 5973 mount stiffness and damping effects on dynamic behavior of air lubricated pivoted pad journal bearing-rotor system,

Dams, see names of dams or bodies of water. Dangerous articles, see Hazardous subsubstances.

Darien Gap Highway, construction, U.S. co-operation, authorize, hearing, 5174 Data, see subjects.

Data acquisition, rotating shaft-mounted microelectronic data system, 5969

microelectronic data system, 5555 Data storage and retrieval systems, see Infor-mation storage and retrieval systems. mation storage and retrieval systems.
Davenport, Iowa, area wage survey, 5825
Davis, John G., jr., compressive instability
of strength of uniaxial-filament reinforced
epoxy tubes, 5974
Davis, Yvonne, relief, 5039

Day care of children

food service programs under National

school lunch act—
meals for needy children, provide temporary emergency assistance, report,
5251

strengthen and expand, report, 5200
DDT. 1,1-dichloro-2,2-bis (P-chlorophenyl)
ethylene, list of references, 5983
Deaf, see Hearing.
Dealers, poultry, national improvement plan
participants, 4798
Death, infant mortality, study from linked
records, methods of study and registration
aspects, 6017
Death Valley National Monument, general
information, 6059

information, 6059 DeBald, Paul S., tip Hill country, 5518 timber resources of Ohio bad debts, income tax deductions,

Decision analysis approach to satisfying re-

quirements of Flammable fabrics act (address), 4982 Decisions, see names of courts, etc., render-

ing decisions-also subjects. Decompression sickness, see Aeroembolism.

Deductions, see Income tax. Deep Sea Drilling Project, leg 2 of cruise of drilling vessel Glomar Challenger, Ho-

boken, N.J., to Dakar, Senegal, 6069 black-tailed, habitat management, 6183

white-tailed deer, habitat management, 6184

Defense, see National defense. Defense Department:

allowances for independent research and development costs in negotiated con-tracts, issues and alternatives, GAO tracts, issureport, 5522

Defense Department--Continued cataloging and standardization program,

semiannual report, 5148
cost and balance-of-payments advantages
of replacing foreign-made buses with
American-made buses, GAO report, American-made 5528

5528
foreign military sales act, amend, hearings, 5158
handbook DSAH series, 5299-5300
Military Affiliate Radio System, opportunities for improving management of excess property, GAO report, 5533
military standards, 5318-19
procurement policies on competition and concentration, hearing, 5270
program and budget 1971, statement, 5323
reports, reliability and maintainability, engineering data, military standard, 5319 5319

veapon systems, GAO report, 5537
U.S. defense activities overseas, questionable payment of taxes to other governments, GAO report, 5535

Defense Production Joint Committee, an-

nual report. 5196

Defense Supply Agency:
equal employment opportunity, affirmative action plan, 5299
field establishment directory, 5300
handbook DSAH series, 5299-5300

Degradation, biodegrading poultry excreta with house fly larvae, concept and equipment, 4797

see also Scales (corrosion). Dehydration. 8ee names of commodities dehydrated.

Lalla, Oliver F., Planquin Event, quanti-tative postshot distribution of close-in fallout, throwout, and base surge, 4894

Demand, see Supply and demand. Denial and probation orders currently af-fecting export privileges, 5698

Denmark, economic trends and their implica-tions for United States, 5701

Density, plasma, extension of range of meas-urement by means of laser interferometer with phase modulation of visual signal, 4869

Dental care, see Dentistry.
Dental health, see Teeth.
Dental hyrienists, examination announcement, 4964

Dental mechanics, see Dental technicians. Dental plaque, research explores plaque, com-bat zone in dental disease, 6038

Dental research:

research explores plaque, combat zone in dental disease, 6038 research grant awards, National Institute of Dental Research, 1968 funds, 6036 Dental science, handbook, 6035

Dental technicians:

dentalman, Navy rate training manual,

examination announcement, 4964

Dentistry:
dental care, neestatistics, 6014 need among adults, health dental services, AFM manual, 4836

tax deduction for dental expenses, 5640 SAF dental activities, administration, manual, 4836 USAF dental

Denver, Colo. :

alcoholism and narcotics problem, hearings, 5275 designate as site for 1976 Olympic games,

law, 5050

Dependent children, see Children. Dependents, tax exemptions for dependents,

see also Armed Forces.

Deposits (soldiers, etc.):
Armed Forces savings deposit program,
allotments for prisoners of war, etc.,
during Vietnam conflict, waive \$10,000
limitation—

law. 5059

report, 5209 Depots, see Military depots. Depreciation:

depreciation, investment credit, amortization, depletion, tax information, 5641 sales and other dispositions of depreciable property, tax information, 5685 Desalination:

esalination:
desalting plant projections, preliminary
community and regional water supply
data in support, 5628
evaporative freezing process, 5624
see also Sea water.

see also Sea water.
Desalting of sea water, see Sea water.
Designs (aircraft):
light aircraft, NACA and NASA publications, 5894
Designs (architectural), see Architecture.
Designs (industrial):

wattage-to-voltage

high-frequency wattage-to-voltage converter, 5965 LMFBR. liquid metal fast breeder reactor, 1000 MWe, conceptual design report methods, 4880

methods, 4300 plant safety analyses, 4879 summary, 4878 pulse-width-modulated 2.5 kVA static in-verter, design, analysis and perform-

pulse-with the verter, design, analysis and periodic ance, 5929
2.5 million gallon per day universal design, report, salting plant, universal design, report,

Detectors, induction devices for detecting underground communications, investigation, USSR study, 5736 Detonations, see Nuclear explosions. Development (economics), see Underde-

veloped areas.

veloped areas.

Development of analytical model of flash stage, 5619

Developments (real estate) see Housing.

Devils Tower National Monument, general information, 6060

DeWitt, Wallace, Jr., age of Bedford shale, Berea sandstone, and Sunbury shale in Appalachian and Michigan basins Pennsylvania, Ohio and Michigan, 5541

Diabetes, nurses' guide, 6145

Diagnosis, self-training algorithm for diagnosis of diseases, USSR study, 5769

Dichloro-diphenyl-trichloroethane, see DDT. Dies, see Taps and dies.

Dies (metal-working):
industry, problems, report, 5117

Diet:

dietary management of hyperlipoproteinemia-

handbook for physicians, 6026 type 2 diet, 6027 type 3 diet, 6028 type 5 diet, 6029

see also Food.

Dietaries, see Food. Diffraction, geometrical theory of diffraction and creeping wave theory, radiation from slots on cylindrical bodies using, 5979 Diffusion, in ternary aqueous saline solu-

tions, 5620 Direction, voidance time for 23 species of fish, 6207
Digests, see subjects.
Digital adaptive control systems, see Con-

trol systems.

Digital computers, see Electronic computers. Digital diagnostic techniques, survey and recommendations, 6102
Diplomacy, international negotiation, ob-

servations on Communist doctrine and Soviet diplomacy, 5265 Dipole antennas, see Antennas.

Directories :

DSA field establishment, 5300

labor offices in United States and Canada, 5816

radiological health, personnel responsible for programs, 5381 State and areawide comprehensive health

planning agencies, 5018

telephone— Health, Education, and Welfare De-

partment, 5571 Senate, 5184 State Department, International Devel

opment Agency, Arms Control and
Disarmament Agency, 6220
U.S. facilities providing cleft lip and cleft
palate services, National Institute of
Dental Research, supplement, 6039
Dirksen, Everett M., Federal buildings,
named for, report, 5206
Disabled:

Disabled:

legal rights of the disabled and disadvantaged, 6164

medical care costs, 6167 social security survey, reports, 6167 see also Rehabilitation of the disabled Disabled American Veterans, report, 19 Veterans, report, 1969 convention, 5070

Disadvantaged, legal rights of the disabled and disadvantaged, 6164 Disadvantaged children, see Children.

Disasters

educational assistance in major disaster areas, 1969 annual report. 5342
Skywarn, seconds save lives, 5397
tax deduction information, 5679
Discharge, liquid hydrogen from 1.52 meter (5-ft-) diameter spherical tank, gaseoushelium requirements, 5939
Discipline, and self-control, program manual and study guide. 4952

Discrimination, see Race problems.

Discrimination in employment:

DSA equal employment opportunity, affirmative action plan, 5299

Bblldclibtle Plan— Philadelphia Plan-

congressional oversight of administrative agencies, hearings, 5273 revised, legality, opinion of Attorney General, 5807

General, 5807
Diseases, diagnosis of diseases, self-training
algorithm for, USSR study, 5769
see also Names or classes of diseases.
Diseases of animals, see names of diseases.
Diseases of fish:
acute viral disease of channel catfish, 6209
fish disease leaflet FDL-(series), 6203-7
see also names of diseases of fish affected.
Diseases of plants, southern plue nurseries. Diseases of plants, southern pine nurseries,

5487 see also names of plants.

Dispersion, fuel elements for nuclear reac-

Dispersion, rue telements for indicar reac-tors, USSR study, 5766
Display systems, for manual guidance of large launch vehicles utilizing X-15 air-plane and flight simulators, study, 5940
Disputes, see Industrial arbitration.

Distant drummer, series of films about drug abuse, 6043

Distortion, radial, length turbojet of performance, 5924 radial, of inlet airflow, short urbojet combustor insensitivity,

performance, 3924 District Courts, judges, additional, appoint, report, 5141 District of Columbia: adoption proceedings, amend D.C. Code, report, 5128

census of business, 1967, selected services, area statistics, 4916

chanceries, property use for, amend act, report, 5132 class A liquor licenses, return and can-

cellation procedure, report, 5129

code of laws, 1967 edition, supplement,

District of Columbia-Continued comprehensive plan, elements, 6012 Corrections Department, study, r report.

5134

county business patterns, 4931 crime in National Capital, hearings, 5264 crime, spillover into Maryland and Vir-ginia suburbs, regional aspects, hear-ings, 5264 current local civil service examinations

covering metropolitan area, 4967
Dwight D. Eisenhower National Memorial
Arena and Convention Center Study, construction, maintenance, and opera-tion, report, 5127

Income and franchise act of 1947, amend, report, 5131
International Telecommunications Satellite Consortium tax exemption, report, 5130

investment companies, regulated, taxation, amend act, report, 5131 teachers retirement amendments of 1970, report, 5133

transportation system, policies and princi-

ples, 6012
trust funds, legal investments, list, 5324
victims of certain criminal acts, compensation, provide, hearing, 5263
District of Columbia Committee, House:
hearings, 5153-54

nearings, 5163-54 investigations and study, Corrections De-partment, report, 5134 reports, 5127-34 District of Columbia Committee, Senate: hearings, 5263-64

hearings, 5263-64
investigations and studies, authorization, report, 5212
District of Columbia Reformatory, Lorton, transfer control to Attorney General, hearings, 5153
Divers, diving casualties suggesting episode of thoracic squeeze, case report, 5843
Diving, casualties suggesting episode of thoracic squeeze, case report, 5843
Divorce, children of divorced couples, U.S., selected years, 6018
Doctors, see Physicians.

Doctors, see Physicians.
Documents, see subject of documents.
Documents Office, see Public Documents Division.

sion.

Doing business with NATO, how U.S. companies can participate, 4900

Dollars, size and shape of medical care dollar, chart book, 6172

Dolph, R. E., forest pest conditions in Pacific Northwest, 1969, 5486

Dolphins, scientific center for study created, USSR study, 5733

Dominica, see Windward Islands.

Donations, see Gifts.

Donations, see Gifts.
Donnelly, Thomas W., Odonata of Dominica,
British West Indies, 6159

Dooley, James E., mass spectra and analyticorrelations of some alkyleycloalkyl sulfides, 5882

oppler effects, traveling ionoshperic dis-turbances, observation by Doppler tech-Doppler effects, nique with spaced transmitters, 5394

Dorr, John Van N., 2d, physiographic, stratigraphic and structural development of Quadrilatero Ferrifero, Minas Gerais, Brazil, 5556

Douglas fir, see Fir. Douglass, Frederick, Home, see Frederick Douglass Home.

Douty, H. M., nineteenth century wage trends, 5820

Draftsmen, pay, national survey, 5822

Drag (aerodynamics):

calculated wind-tunnel-boundary lift-interference factors for rectangular perforated test sections, 5943 Drainage:

pilot drainage and irrigation project, Thanh Quoi, An Giang Province, Viet-Nam, feasibility study, 5368 sedimentation in small drainage basins

sedimentation in small drainage basins (series), 5564
Drilling, deep, on Midway Atoll, 5561
see also Core drilling.
Drivers, see Automobile drivers.
Drug abuse, see Drugs.
Drug Abuse Education Advisory Committee, establish, hearings, 5155
Drug addiction, see Narcotic habit.
Drugs:

Drugs:

abuse

distant drummer, film series, announce-ment and order form, 6043 Education act of 1969, hearings, 5155 census of transportation, 1967, commodity transportation survey, shipper group, 4925

code of Federal regulations, 5443 dangerous and illicit, crime in America,

5151

5151
drug abuse, examination of problems, hearings, correction, 5276
drug dependence (periodical), 6044
drug treatment in psychiatry, 6276
leaving drug world behind, 5353
pharmaceutical preparations, except biologicals, 1962-67 shipments, patterns of industrial growth, 4904
see also Narcottes

logicals, 1962-64 salipments, patterns of industrial growth, 4904
see also Narcotics.
DSA, see Defense Supply Agency.
Ducted fans, performance, computer program for prediction, 5895
Ductility, neutron-embrittled pressure vessel steels, Charpy-V shelf energy degradation and yield strength increase, trends, 6110
Dug Foo Wong, see Wong, Dug Foo.
Duggar, Benjamin C., fixed base simulator versus skid pan practice in skid control training, 5378
Dukler, A. E., influence of high molecular weight additives on flashing process, screening study, 5626
Dundas, Peter H., induction plasma heating, measurement of gas concentrations, temperatures, and stagnation heads in binary plasma system, 5903
Dunne, Thomas P., address, Feb. 20, 1970, 5326

Dunne, 53,26

plicating processes, microfilm copies, delective roll-to-roll printer, for producing, Duplicating 6009

Dust, see Coal dust.

Dusts, see Tariff.
Duties, see Tariff.
Dwight D. Eisenhower National Memorial
Arena and Convention Center Study, District of Columbia, construction, maintenance, and operation report, 5127

behavior of air lubricated pivoted-pad journal bearing-rotor system, effects of mount stiffness and damping, 5972 dynamic and descriptive studies of hill-slopes (series), 5559 lateral-directional dynamic stability of tilt-wing V/STOL transport, investiga-tion, 5945

see also Magnetohydrodynamics.

IK:

see Engineer Agency for Resources EARI, Inventories. Earnings, see Wages

Earphones, see Headsets.

earth's field dynamic calibrator for calibration of accelerometer, 6010 on cosmic hydromagnetic dynamo theory,

pulse of earth's magnetosphere, USSR study, 5780 Earth Sciences Laboratories, ESSA techni-cal report, ERL-ESL series, 5389

Earthwork and structures:
floodwater retarding structures near McKinney, Tex., performance during storm
of Sept. 20-21, 1964, 6187
pit slope structures by stiffness matrix
method, systematic analysis, 5877
East African Community, foreign trade

method, systematic analysis, 5877
East African Community, foreign trade
regulations, 4998
East Mendow Brook, Nassau County, Long
Island, N.Y., urban development effects on
direct runoff to brook, 5553
East Pakistan, see Pakistan.
Eccleston, B. II., influence of volatile fuel
components on vehicle emissions, 5871
Echionids see Sea urching

Echinoids, see Sea urchins. Eckert, Philip F., NASA metric system study, 5907

Ecology: benthic, benthic, of Bahia de San Quintin, Baja California, 6162 ostracoda in Texas bays and lagoons, 6155

ostracoda in Texas days and tagoons, oro-Economic conditions: accumulation fund of USSR, structure and effectiveness, USSR study, 5786 foreign economic trends and their implica-tions for United States, ET series,

5700-13 see also names of States, countries, etc.

Economic development: African countries' plans, digest, 4993 district programs (address), 5325 districts, composition and status, 5327

international business in changing world (address), 4987

international business in changing world (address), 4987
southern Colorado economic development district program, (address), 5326
Economic Development Administration, annual report, 1969, jobs for America, 5328
Economic geology, see Geology.
Economic Joint Committee:
committee prints, 5065-66
hearings, 5064, 5067
Economic Opportunity Office:
appropriations, 1970, report, 5254
New Jersey work incentive experiment, preliminary results, 5334
pamphlets, 5330-33
summer employment, 5330

summer employment, 5330 Economic policy

American economy and its opportunities for future growth (address), 4979 economic policies and practices, Euro-dollar market and public policy impli-

cations, 5066
Federal Government, economic analysis and efficiency—

hearings, 5064
report of subcommittee, 5065
foreign, for 1970's, survey of issues, hearings, 5067

see also Economic development. Economic Research Service:

agricultural economic reports, 5337-38 ERS series, 5340

foreign agricultural economic reports, 5341 Economics:

economic analysis of proposed reconstruc-tion of jetties 1-6 at Port Chittagong, east Pakistan, 6264 environment in which we live and its re-lationship with our economy (remarks),

potential for input-output economics in 1970's (remarks), 5003
Ecuador, weather station, cooperative program at Guayaquil, reactivate, agreement, 6236
Educativate

Education: children in federally affected areas, 1969 annual report, 5342

compensatory program, 5351, 5355-56, 5358

continuing education in comprehensive health planning, 1969 list of projects,

relations

Education—Continued drug abuse education act of 1969, hearings, 5155

education for survival (address), 5349 educational attainment, population characteristics, 4941 educational reform, message from the Pres-

ident, 5094 educational statistics, digest, 1969 edition,

5348 General education assistance act, hearings, 5156

improving education-industry

(address), 4985
Job Corps, 5810
NASA educational publications, list, 5908
National defense education act, awards
for modern foreign language and area

study, 5345 National education policy act, hearings, 5156

Nationwide educational excellence act, hearings, 5156 preparing way for new era of advance-ment (address), 5354 preschool—stimulation program Auburn

language stimulation program, Au Ala., compensatory education gram, 5355 Auburn.

program, 5355-56 Project Early Push, Buffalo, N.Y., com-pensatory education program, 5356 Professions development act programs for 1970-71, training projects/fellowships, 5350

research in education (periodical), index,

report resume, 5357 scientific and educational establishments, USSR study, 5731

information on educational expenses, tax 5680

volunteers in education, materials for programs and the volunteer, 5573 see also Colleges and universities.—elementary education.—also subjects

taught.
Education and Behavioral Science
Mines Bureau, new services, 5869
Education and Labor Committee,

Education and Labor Committee, House, hearings, 5155-57
Education Office:
annual report, 1969, on administration of laws granting Federal aid to schools, 5249

5342 1970, report, 5104 apropriations,

Educational Resources Information Center, research in education (periodical) index, report resume, 5357
Egg processing plants, see Eggs.

Eggs:

interstate, intrastate, and foreign com-merce, uniformity of standards, report, 5198

198
1970 egg marketing guide, 5291
product processing plants, continuous
USDA inspection, report, 5198
production, 6255
production tests, U.S. and Canada, 1969
report, 4799
Products inspection act, report, 5198
Eisenberg, J. F., teurecs, study in mamalian
behavior and evolution, 6156
Eisenbower, Dwight D., National Memorial
Arena and Convention Center Study, see
Dwight D. Eisenbower National Memorial
Arena and Convention Center Study.
Bisenbower National Memorial Arena, construction, maintenance, and operation, authorize, hearings, 5154

struction, maintenance, and operation, a thorize, hearings, 5154
Elaeagnus angustifolia, see Russian olive. Elastic material, see Elasticity.
Elasticity, shock wave propagation in a homogeneous elastic-plastic media, stabity of difference approximation, 5365 stabil-Elections, investigations and studies, au-

thorization, report, 5244

Electric apparatus and appliances:
electrical equipment of electric power stations and transformer sub-stations,
USSR study, 5728, 5800
prevention of electrical breakdown in
spacecraft, 5911

Electric current converters, high-frequency wattage-to-voltage converter, design and wattage-to-voltage

performance, 5965
Electric energy, see Electricity.
Electric equipment, see Electrical apparatus and appliances.
Electric generators. Brayton, space, naver.

Electric generators, Brayton space power system, steady-state analysis, 5964 Electric meters, high-frequency wattage-to-voltage converter, design and performance, 5965

5965
Electric power distributors, see Electricity. Electric power plants:
and transformer sub-stations, electrical equipment, USSR study, 5728 electrical equipment, USSR study, 5800 Electric railroads, transport statistics, 5720 Electric resolvers, Federal item identification guide, 5312
Electric transformers, electric power stations and transformer sub-stations, electrical equipment, USSR study, 5728, 5800 Electric utilities, statistics, 1968, publicly owned, 5431
Electric waves, see Electromagnetic radiation.

Electrical equipment, sec Electrical apparatus and appliances.
Electricians:

aviation electrician's mate 3 & 2, rate training manual, 6089 construction 1 & C, Navy training manual, 6093

5093 Electricity: basic, Navy training course, 6090 civilian power and communications, prob-lems caused by electromagnetic pulse, 4887

hydroelectric power evaluation, supplement, 5430

magnetohydrodynamics (MHD), pollutionmagnetohydrodynamics (MHD), pollution-free production of electrical energy from low-grade coal, hearing, 5267 national electric rate book, 5432-33 rural, materials acceptable on systems of REA borrowers, list. 6150 shipboard systems, Navy, 6096 steady state electrical performance of 400-hertz Brayton cycle turboalternator and controls 5053

controls, 5953

Electrodes, magnesium in molten mixtures of lithium chloride, etc., anolyte studies, 5952 Electrolysis:

electrolytic preparation of tungsten metal and tungsten carbide from wolframite, 5878

electrowinning—
aluminum from aluminum chloride, operation of single-compartment cell, 5884

beryllium anode materials and operat-ing conditions, 5880 Electrolytes, electrolyte solutions, kinetics of ice nucleation from water and electro-lyte solutions, 5617 Electromagnetic fields:

equilibrium and stability of current plasma

equilibrium and stability of current plasma in torodial systems. 4875 natural electromagnetic fields method used in measurement equipment for aerial electrical prospecting, USSR study, 5735 Electromagnetic pulses, problems caused in civilian power and communications, 4887

Electromagnetic radiation: amplifying through use of averaged high-frequency field forces, study of possi-

bility, 4872
nonlinear particle-wave interaction in plasma, introduction to statistical theory, 4877

Electromagnetic waves, see Electromagnetic | Employees: radiation

Electrometallurgy, see Electrolysis. Electronic computers:

computer aids highway construction quality assurance, 6137 computer technology in physiology and medicine, USSR study, 5726

digital-

COBOL, common business oriented language, fundamentals, programmers, change, 6111 diagnostic techniques, survey and recom-

mendations, 6102

permanent memories, USSR study, 5790 Electronic data processing systems, ESSA Research Flight Facility, data, processing procedures, 3393

Electronic equipment, FAA electronic equipment type designations index, handbook,

5407

Electronics, rotating shaft-mounted micro-electronic data system, 5969

Electrons

electron-acoustic instability, development during turbulent heating of plasma ions, 4870

electron paramagnetic resonance study of order in several nematic liquid crystals, 5954

Electrosorption, electrosorb process for de-salting water, 5627
Electrostatics, charging tendency of jet fuels, effect of static dissipator additive on, 6104 Electrowinning, see Electrolysis.
Elementary education:

lementary education:
compensatory program, 5351
needs for 1970's, hearings, 5156
principals, competence for all as goal (address), 5346
systems analysis and learning systems in
development of elementary teacher education models, 5360

teachers

education, short summary of 10 model programs, 5359

specifications for model education programs, analytic summaries, 5343 Wisconsin University education project, 5361

Elements of comprehensive plan for National Capital, 6012 Paso, Tex., land use restrictions, release,

Capital, 5012
El Paso, Tex., land use restrictions, release, law, 5061
El Salvador, economic trends and their implications for United States, 5702
Elutriators, horizontal plate elutriator and 10 mm nylon cyclone elutriator, evaluation of penetration characteristics, 5886
Embassias, see Foreign Service.

Embassies, see Foreign Service. Embrittlement, see Fracture of metals.

mbryos, mice, early stages cultivated in vitro, effect of serotinin and antiserotinin preparations on development, USSR study, 5730 Embryos,

Emergency Preparedness Office, Assistant Director Office, abolish, proposal, 5079

Emission:

carbon monoxidecontrol techniques sources, 5988 from stationary nitrogen oxide, and hydrocarbon,

mobile sources, control techniques, 5989 hydrocarbon and organic solvent from sta

tionary sources, control techniques, 5991 oxide from stationary nitrogen sources. 5990

stimulated, in argon pinch discharge, detection and investigation, 4876 vehicle emissions, influence of volatile fuel

components, 5871

see also Radiation emission.

Emmett, William W., hydraulics of overland flow on hillslopes, 5559

moving expenses, tax information, etc., 5655

withholding taxes from your employee's wages, 5696

Employers: contributions to jointly administered trust funds for products promotion, permit, re-port, 5199

moving expenses, tax information, etc.,

5655

Employer's liability and workmen's compensation, State workmen's compensation laws, summary, 5818

Employment:

mployment:
bridge to future, Veterans Administration
special employment and training for
youth, 6278
Forest Service, nonprofessional jobs,
guide, 4822
jobs and advancement in public agencies,
public service careers, 5814
jobs for America, Economic Development

public service careers, 5814
jobs for America, Economic Development
Administration, annual report, 5328
occupational health and safety program,
hearings, 5157
self-employed, retirement plans, tax information, 5663
questions and answers, 5658
self-employment tax, information, 5649
summer employment, Economic Opportunity Office, 5330
textile industry, changes, use of input-output analysis in studying problems, 4828
see also Discrimination in employment,
mulsions, radiation-initiated emulsion oxidation, 4893

Emulsions.

Emulsions, radiation-initiated emulsion of dation, 4893
En route air traffic control, change, 4840
Endocrinologists, Soviet endocrinolog
L. M. Gol'ber, profile, 5744
Energy, see Force and Energy.
Energy resources, see Power resources. endocrinologist

Engelmann spruce, see Spruce. Engineer Agency for Resources Inventories, EARI development research series, reports,

5367 Engineering:

data for reliability and maintainability of reports, military standard, 5319 design handbooks, 4848-49 trainees in vacation work-study programs,

examination announcement, amendment, 4963

see also Value engineering.

Engineers:

compensation, compensation, 1969 national survey, 4897 engineer soldier's handbook, Army field

engineer soldier's handbook, Army field manual, 4854
field data, Army field manual, 4855
pay, national survey, 5822
Engines, internal combustion, 1958-67 shipments, patterns of industrial growth, 4903
Engines (aircraft):
pylon mounted dummy ramjet engine on
X-15-2 airplane local flow field around,
for Mach numbers from 2.0-6.7, 5946 for M turbojet-

combustor using natural gas fuel heated to 1200° performance, 5963 tungsten alloy fiber-nickel-base alloy composites, preliminary evaluation, **5926**

Englert, Gerald W., simulation of Fokker-Planck equation by random walks of test particles in velocity space with applica-tion to magnetic mirror systems, 5962 English Channel, lights and fog signals, list,

Enrollment, see Colleges and universities.

Environment:

community environmental management series, 5376 environmental conference, thrust of 70's

(remarks), 5610

man's challenging environment, the seas (remarks), 5427

Environment—Continued
physical, ESSA, improving quality and
safety of human life and prospects, 5385
pollution, investigations and studies, au-

safety of numan ine and prospects, aupollution, investigations and studies, authorization, report, 5240
quality environmental improvement, legislative proposals and administrative actions, message from the President, 5082
United Nations Conference On Human
Environment, U.S. participation in 1972,
hearing, 5159

chan, some physical problems (address), 5593 urban in urban environment (series), water

5545-46

we live in and its relationship with our economy (remarks), 6271
Environmental Financing Authority, create, proposal, 5082
Environmental safety, see Safety of life.
Environmental Science Services Administration, technical reports, 5386-94

Eocene period: late

Eocene fossiles from Eua, Tongu (series), 5555 larger foraminifera from Eua, Tonga,

larger 5555

Epoxy compounds, uniaxial filament-reinforced epoxy tubes, compressive instability and strength, 5974
Eppley, David B., program facts on federally aided public assistance income maintenance programs, 6020
Equal employment opportunity, see Discrimination in employment.
Equal Employment Opportunity Commission, appropriations, 1970, report, 5104
Equations:

ternary aqueous saline solu-

diffusion in ternary aqueous saline solu-tions, 5620 discontinuous flows and free streamline solutions for axisymmetric bodies at zero and small angles of attack, 5942

radar range equation consideration, laser re

wind-tunnel-boundary lift-interference factors for rectangular perforated test sec-tions, 5943 see also Fokker-Planck equation.

Equilibrium

and stability of current plasma in toroidal

and stability of current plasma in toroidal systems, 4875 steady-state analysis of Brayton space-power system, 5964 steady-state electrical performance of 400-hertz Brayton cycle turboalternator and controls, 5953

Controls, 3953
Equipment maintenance, maintenance management, Air Force manual, 4831
Equipments, see Military supplies.
ERIC, see Educational Resources Information Center.

tion Center.

Erie, Lake, and its tributaries, pollution, conference proceedings, 5469-70

ERL, see ESSA Research Laboratories.

Error analysis, automated fault diagnostics for frequency dependent circuits by correlation and variance techniques, 5978

Error function, see Probabilities (mathematics)

matics).

Errors:

four dimensional parameter in single plane, presentation of errors, 5386 launch vehicle sensitivity study, 5898 Escapees, see Refugees.

Escapees, see Refugees.
Espionage, internal security laws, et vestigation, expenses, report, 5226
ESSA Research Laboratories:
ESSA technical reports—
ERL—APCL series, 5386—88
ERL—ESL series, 5386
ERL—ITS series, 5390—91
ERL—OD series, 5392
ERL—RFF series, 5393
ERL—SDL series, 5393 etc., in-

Estate tax, see Inheritance and transfer Estonian Soviet Socialist Republic, science,

progress, 5749
Estrin, Joseph, secondardy nucleation of ice in suspension of crystal in turbulent, cylin-

drical couette flow, 5616
Etching liquid, see Plate tech.
Eua Island, see Tonga Islands.
Euro-dollar market and public policy implications, 5066

cations, 5066
Evaporation, evaportative freezing process for water desalination, 5624
Evaporators, analytical model of flash stage, development, 5619
Everett McKinley Dirksen Building East, designate Federal office building, and U.S. courthouse in Chicago, Ill., report, 5206
Everett McKinley Dirksen Building West, designate Federal office building to be constructed in Chicago, Ill., report, 5206
Evolution, tenrees, mammalian behavior, study, 6156

Evolution, te study, 6156

Examinations, see Civil service—also type or subjects of examinations.

Excess property, see Surplus property.

Excise taxes: information on 1970 excise taxes, 564 IRS looseleaf regulation system, 5653 see also names of items taxed.

Excreta, see Feces

Executive departments, see Government of-

Executive offices, see Government offices. Executors, see Administrators. Eximbank, see Export-Import Bank

Executors, see Administrators.

Eximbank, see Export-Import Bank of United States.

Expenditures of United States Government: combined statement, 4794 illegal expenditure of funds for construction of research facilities by Air Force, GAO report, 5530

Explosions, physical and explosion characteristics of hydrazine nitrate, 5854
see also Mine explosions.

Explosives

and blasting agents, industrial in United States, 1968, consumption, 5847 properties and preparation, USSR study,

Export-import Bank of United States:
appropriations, 1970, law, 5053
hudget, 1970, amendments, proposal, 5186
new look at export credit guarantees, insurance, Eximbank programs, 5715
Export insurance, export, credit guarantees,
insurance, new look, 5715
Exports.

Exports combination export manager program (ad-

dress), 5716
export expansion, where do we go from here? (address), 4983
privileges, denial and probation orders currently in effect, 5698
you and PL 480 exports, how small business can benefit, 5399
see also Export insurance—also names of articles exported.
Exposure, elevated temperature influence on maximum compressive strength in titanium-alloy skin-stringer panels, 5961
Extraction (chemistry):
nickel and zinc from waste phosphate solution, 5874

tion, 5874

FAA, see Federal Aviation Administration. Fabrics, see Textiles. Facial disfigurement, maxillofacial prosthe-tics, interprofessional conference, proceedings, 6148

Facility management handbook, 4841 Failure analysis, see Error analysis. Fair labor standards act, see Labor standards.

Fairfax County, Va., District of Columbia correctional institutions, transfer control to Attorney General, hearings, 5153 Fallout, see Radiation—Radioactivity.

Families:

aid to families with dependent children cost standards for basic needs and per-cent of standards met, 6021 family in hospital, lessons from develop-ing countries, 6045

low-income, homeownership, assistance un-der new FHA program, 5596 Family planning, see Birth control. Fans, see Ducted fans.

Fanseen, James F., remarks, Feb. 10, 1970. 5424

Farfante, Isabel P., diagnostic characters of juveniles of shrimps, 5014
Farm Credit Administration, audit report,

5081

Farm labor, migratory agricultural workers health services grants, amend and extend act, report, 5137
Farm products, see Agricultural products.
Farmer Cooperative Service:

FCS research reports,

FCS research reports, 5400
information series, 5401
Farmers' bulletins, 4809-11
Farmers cooperative organizations:
financial structure, 5400
why a cooperative? quick look at what
people do through their cooperatives,
5401
Farmers Home Administration loop appli-

Farmers Home Administration, loan applications, assessment of fees for processing would help recover program costs, GAO report, 5523

Farms:

flooded, first ald, 4806
use of concrete, 4810
FAS, see Foreign Agricultural Serivce.
Fast burst reactors, see Reactors (atomic).
Fat, see Fats.

athom (periodical), 6079

production, consumption and factory and warehouse stocks, current industrial reports, 4936 crushers, current industrial vegetable oil

reports, 4937
Favorite, Felix, fishery oceanography, ocean sallnity and distribution, 5009

FDL-(series), 6203-6 Fear, James S., performance of turbojet com-bustor using natural gas fuel heated to 1200², 5963

ees, biodegrading poultry excreta with house fly larvae, concept and equipment,

Federal aid, see Grants-in-aid. Federal assistance programs, restructing or terminating certain outmoded or uneco-nomic Federal programs to reduce budget outlay, proposed legislation, message from the President, 5091

Federal Aviation Administration:
FAA electronic equipment type designations index, handbook, 5407
Federal aviation regulations, 5403-6

handbook series, 5407-7A

naindbook series, 3407-7A
maintenance certification procedures,
handbook, change, 5407A
national aviation system—
policy summary, 5411
10 year plan, 5410
Federal Bureau of Investigation, annual re-

port, 5413 Federal Credit Insurance Association, new

look export credit guarantees, insurance, FCIA programs, 5715
Federal Crop Insurance Corporation, audit report, 5080, 5525

Federal employees, see Government officials and employees.

Federal expenditures, see Finance. Federal Government, see Government. Federal Home Loan Bank Board, proper role

Federal Home Loan Bank Board, proper role in inner city (speech), 5418
Federal Housing Administration:
FHA regulation, 5421-22
Survey of FHA-assisted nursing home, 5611
Federal Insurance Guaranty Corporation, create, hearings, 5262
Federal intermediate credit banks, banks of Farm Credit System supervised by Farm Credit Administration, audit report, 5524

Credit Administration, audit report, 5524
Federal item identification guides:
abrasives, 5302
bearing and bushing, plain, change, 5303
books, maps, and other publications, 5304
chains and wire rope, 5305
coats and coat-like garments, change,
5306

computers, 5307 flags and pennants, 5308 parachutes, aerial pick up, delivery, and recovery, 5309

radar equipment, 5310 shaft collars and hub clamps, change, 5311 synchros and resolvers, 5312

water heaters, 5313
water heaters, 5313
water heaters, 5314
Federal Maritime Commission:
annual report, 5423
SP series, 5424-29
Federal Mediation and Conciliation Service,
appropriations, 1970, report, 5254
Federal Mediation and Conciliation Service,
appropriations, 1970, report, 5254
Federal Mational Mortgage Association,
liabilities, to United States, clarify payment, report, 5202
Federal personnel, see Civil service.
Federal personnel manual, see Civil Service.
Federal personnel manual, see Civil Service.
Federal Personnel manual, see Civil Service.
Federal Power Commission:
P series, 5430
publications list, 5434
S series, 5431
Federal Prison Industries, Inc., financial

publications list, 5434 S series, 5431 Federal Prison Industries, Inc., financial statements, 1969, GAO examination, 5076 Federal programs, see Federal assistance programs. Federal Radiation Council, appropriations,

1970, report, 5254
Federal regulations, see subjects.
Federal reserve banks, State member banks, list, 5465

Federal reserve member banks, State mem-

ber banks, list, 5465
Federal savings and loan associations, rules and regulations, 5419
Federal standards, 5467
Federal Trade Commission, consumer

bulletins, 5468

assessment for processing loan applications would help recover program costs of Farmers Home Administration, GAO

report, 5523
foreign countries, charged for vise
United States passports, list, 6218
Feldmeier, Franz C., relief, 5097
Fellowships:

education professions development act, 1970-71 programs, 5350 national defense education act, awards for modern foreign language and area study,

National Science Foundation, 6068

tax information, 5687

Alan M., "Pembroke" chiaroscuro woodcuts, 5835

Ferns, Chinle formation (Upper Triassic) in Fort Wingate area, N. Mex., 5550 Ferrifero Quadrilatero, Brazil:

physiographic, stratigraphic and structural development, 5556

Fertilizers :

automation of chemical production associ-ated with fertilizers, USSR study, 5762 Scientific Institute of Fertilizers and Insecto-Fungicides, half century, 1919-69, USSR study, 5770

Fetus:
and new born, hemolytic disease due to
RH isoimmunization, 5841
fetal, mammal, radiation biology, 4886
FHA. see Federal Housing Administration. Board.

Fiber, see Cotton. Fichtl, George H.: longitudinal and lateral spectra of turbulence in atmospheric boundary layer, 5927 shear layer and jet instability in strati-

fied media, 5941
Field manuals, see names of etc., issuing field manuals. see names of departments,

Charles E., remarks, Dec. 3, 1968, 5480

FIIG, see Federal item identification guides. Fijan. Nikola N., acute viral disease of channel catfish, 6209
Filamentary materials, uniaxial filament-reinforced epoxy tubes, compressive instability and strength, 5974

Films (photography), see Motion pictures. Finance:

nance: agricultural finance review, 5339 budget and fiscal policy, 5072 changing priorities for 1970's (remarks), 6266 financial protection for Federal employees,

financial statements, Federal Prison Indus-tries, Inc., GAO examination, 5876 financial structure of farmer cooperatives, 5400

General Accounting Office findings, etc., for improving Government operations, compilation, 5526 government finances, GF series, 4949 inner-city housing financing, hearings, 5149

5149 low-rent housing financing handbook, 5601 receipts, expenditures, etc., of U.S. Government, combined statement, 4794

Finance Committee, Senate, report, 5250 Financial assistance, see Grants-in-aid. Financial statements, see Finance.

Fine. Morris M.: oxidation roas roasting of chalcocite concentrate, 5875

prereduced iron ore pellets, preparation, properties, utilization, 5848 Finger, Harold B., address, Feb. 6, 1970,

Fir, Douglas, sapwood thickness, 5507

Firearms:

Gun control act of 1968, amend, hearings. 5271

legislation, hearings, 5271

registration, licensing, certification, etc., hearings, 5271 use in commission of crimes of violence,

penalties, strengthen, hearings, 5271 First aid, flooded homes and farms, 4806 First Moscow Medical Institute imeni. I. M. Sechenov, general information, 5802 Fiscal policy, see Finance.

Fish and fisheries:

Columnaris disease of fishes, 6204 fisheries review, separates, commercial 5006-10

development of shrimp trawl to separate shrimp from fish and bottom-dwelling animals, progress report, 5007

fish farmers, status of warmwater fish farming and progress in fish farming research report, 6208

Fish and fisheries-Continued

ish and hisperies—Continued fishery bulletin, 5011–12 title page, etc., 5012 fishery oceanography, 5009 investigations in fish control (series), 620' parasites of freshwater fishes, 6203, 6205-

possible fish-collecting aids with toxicities for isomers of cresol, 6207 special scientific reports, fisheries series, 5013-14

toxicity of hyamines 3500 to fish, 6207

toxicity of hyamines 3500 to fish, 6207 tuna purse seine fishery in enstern tropical Atlantic, 5008 voidance time for 23 species, 6207 see also Diseases of fish—Wildlife—also names or classes or fish, e.g. Trout. Fish disease leaflet FDL-(series), 6203-7 Fish farming, see Fish and fisheries. Fish nets, see Nets. Fisher, M. J., turbulence measurements in supersonic shock-free jets by optical crossed-beam method, 5917 Fisheries, see Fish and fisheries. Fishing gear, see Trawls and trawling. Flags and pennants, Federal item identification guide, 5308 Flammable fabrics, see Textlles. Flash distallation:

Flash distallation: flashing process, influence of high-molecuweight additives, screening study, 5626

multi-stage flash distallation plants, survey of materials behavior, 5625
Flatley, Thomas W., magnetic attitude and spin control of small scientific satellite S³-A, 5925
Flies:

house fly larvae, as means of biodegrading poultry excreta, concept and equipment, 4797

Odonata of Dominica, British West Indies, 6159

Flight:

Flight:
instructors, certification, Federal aviation
regulations, 5403
large launch vehicles utilizing X-15 airplane and flight simulators, study of display systems for manual guidance, 5940
meteorological straight line flight data,
SLENDER, plotter subroutine, 5387
Flight officers, naval, to be eligible to command certain naval aviation activities,
amend U.S. Code, law, 5057

Florida : 1967, selected services, census of business. area statistics, 4917 taxonomic status and reproduction

striped bass, Morone saxatilis, 6210

Floods:

California, southern, urban sprawl and flooding, 5545 Columbia River Basin flood control pay-

ments, agreement with Canada, 6251 effect of watershed cover on overland flow from major storm in southwestern Wisconsin, 5492

floodwater retarding structures near Mc-Kinney, Tex. during storm of Sept. 20-21, 1964, performance, 6187 hazard mapping in metropolitan Chicago,

homes and farms, first aid, 4806 national river and flood forecast and warning service, plan for improving, 6281

Oakridge flood protection project, Lane County, Oreg., 6186

storm damage inspection, hearings, 5175

compressible, turbulent - boundary - layer flow, summary of available information on Reynolds analogy for zero-pressuregradient, 5923

Flow--Continued

computer program for prediction of ducted fan performance, 5895 discontinuous flows and free streamline solutions for axisymmetric bodies at zero and small angles of attack, 5942 flow excursions in simulated gas-cooled re-

dummy ramjet engine on X-15-2 airplane for Mach numbers from 2.0-6.7, 5946

overland, on hillslopes, hydraulics, 5559 short length turbojet combustor insensitive to radial distortion of inlet airflow, per-

formance, 5924 single turbulent air jet impinging on flat plate, survey of literature on flow char-acteristics, 5949

subsonic compressible design charts of static and rotary stability derivatives for cropped double-delta wings, 5955 turbulent, cylindrical couette, use in sec-ondary nucleation of ice in suspension

of crystals, 5616
variable-mass flexible rocket with internal flow, general motion, 5904
viscous compressible fluid, around stationary cylinder, numerical calculations, 5893

Flower shops, see Stores.

Flowers :

growing flowering annuals, 4812 growing perennials, 4813 starting and managing retail flower shop, 6154

Fluorine. thermochemistry, and hydrogen

Fluorine, thermochemistry, and hydrogen fluoride, 6008
Flying, see Instrument flying.
Fog signals, Naval Oceanographic Office, list.
Pacific Ocean, western, etc., change, 6086
Fokker-Planck equation, simulation, by random walks of test particles in velocity space with application to magnetic mirror systems, 5962
Folk Fluor, pensions and saverance may for

Folk, Hugh, pensions and severance pay for displaced defense workers, 4845 Fontugne, D. J., freezing process studies,

5618

Food:

code of Federal regulations, 5443 dietary levels of household in North Central region, 4816

nated, you can help fight hunger America, handbook for volunteers, 5 donated. 5475 household consumption survey, 1965-66,

report, 4816 human needs, national nutrition survey, hearings, 5278

industry, machinery, trade and tariff in-formation summaries, 6262 lack of food, study, authorization, report, 5239

nutritious meals for needy children, pro-vide temporary emergency assistance, re-port, 5251

pott, 326, pasteurized, 90-day subacute oral toxicity studies on radiation, 4892 USDA standards, list, 4808 ood and Nutrition Service, FNS series,

Food and 5475-76

Food stamps, you and food stamps, 5476 Foraminifera, larger, of late Eocene age from Eua, Tonga, 5555

Force and energy: averaged high-frequency field forces, in amplifying electromagnetic radiation, study of possibility, 4872

narpy-V shelf energy degradation and yield strength increase of neutron-em-brittled pressure steels, trends, 6110 Charpy-V

integrated energy balances and flows, sup-ply and demand for energy in U.S. by states and regions, 5849

-Continued Force and energy-

large-area proton beams established in energy range from 31 to 225 MeV at NASA Space Radiation Effects Laboratory, 5920

Forecasting, social forecasting, USSR study, 5784

Forecasts: forecasting systems, USSR study, 5748 national river and flood forecast and warn-ing service, plan for improving, 6281 Foreign Affairs Committee, House:

Foreign Anairs Committee, House; hearings, 5158-59 report, 5122 Foreign Agricultural Service, miscellaneous, FAS-M series, 5477 Foreign agriculture, see Agriculture.

Foreign aid:

nancing economic development financing

Foreign assistance and related programs appropriations act, 1970, law, 5053 foreign assi law, 5053 assistance appropriations,

foreign military sales act, amend, hearings, 5158

technical cooperation, agreement with Af-ghanistan, 6246 Foreign arbitral awards, 5246

Foreign assistance, see Foreign aid-Military

aid

Foreign business practices, 5699
Foreign Claims Settlement Commission appropriations, 1970, report, 5104 Foreign countries:

Air Force foreign military sales, logistics, manual, 4837 background notes, 6212-17 country market survey (series), 5714

country market survey (series), 5714
developing countries—
community water supplies, guidelines
and criteria for establishing, 5377
family in hospital, 6045
fees charged for visa of United States
passports. list, 6218
foreign business practices, 5699
foreign economic trends and their implications for United States, ET series,
5700_12

5700-13 international marketing information serv-

ice, 5714
1970 world holidays listed, guide for busi-

ness travel, 5717
Foreign currencies, see Money.
Foreign direct investment program and its relationship to U.S. balance of payments (remarks), 5480

Foreign languages, see Language and languages

nanguages.
Foreign military sales act, see Foreign aid.
Foreign policy, see International relations.
Foreign Relations Committee, Senate:
investigations and studies, U.S. Foreign
policies, authorization, report, 5238
reports, 5245-46, 5248-49

reports, 5245-46, 5245-49
Foreign Service:
annutties, increases and adjustments—
law, 5060
report, 5245
embassy sites, agreement with Union
Soviet Socialist Republics, 6235 Union of Foreign trade, see names of countries

Forest lands, see Forests and forestry Forest management, oak forest of Lake States, 5508

Forest nurseries, diseases of southern pines, 5487

Forest pest leaflets, 5487 Forest Service:

comments on resolutions relating to National Forest System adopted in 1969 by American National Cattlemen's Association, National Wool Growers Association, and State livestock associations, 5488

Forest Service—Continued employment, nonprofessional, guide, 4822 research notes, 5490-5505 research papers, 5506-16 resource bulletins, 5517-19 Forest thinning, relation of snowpack accumulation to red pine stocking, 5495 Foresters, aerial photo interpretation, guide,

4807

Forests and forestry:
Forests and forestry:
Fair labor standards act, applicability to
forestry or logging operations, 6279
forest canopy, nocturnal radiation loss estimates, 5503
forester's guide to aerial photo interpreta-

tion, 4807

nocturnal air temperature on forested mountain slope, 5514 oak forests of Lake States and their man-agement, 5508

conditions in Pacific Northwest, pests. 5486

prescribed burning in Lake States, cur-

prescribed burning in Lake States, current status, 5491
research notes, 5490-5505
research papers, 5506-16
resource bulletins, 5517-19
silvicultural guide for northern hardwoods
in Northeast, 5512
watershed cover effect on overland now
from major storm in southwestern Wisconsin, 5492
see also Forest thinning—Trees—also

names of forests Forgeries, counterfelting and forgery, 6151

Forms, blanks, etc. :

Forms, blanks, etc.:
forms management office functions, AFM manual, 4830
index of AMC blank forms, 4846
Fort Wingate area, N. Mex., ferns from Chinle formation (Upper Triassic), 5550
Fort Worth, Tex.:
area wage survey, 5824
prairie, general information, 6179
FORTRAN, see Computer programs/programs

gramming. Fossils, Eocene from Eua, Tonga

ssils, late Eocene from Eua, Tonga (series), 5555 urier transforms, see Transformations Fourier

(mathematics).
Fowl ticks, control, 4817
FPC, see Federal Power Commission.
Fracture of metals:

fracture of metals:
fracture toughness relationship to estimated plastic zone size in steel, titanium, and aluminum alloys, 6107
neutron irradiated 12Ni-5Cr-3Mo maraging steel plate and companion weld
metals, behavior of mechanical proper-

ties, 6103 radiation embrittlement of steels damage

function analysis of neutron energy and spectrum effects, 6099

France: alien amateur radio operators authoriza-tion to operate, agreement, 6222 north coast, sailing directions, 6081

Franchises (business) District of Columbia income and franchise act of 1947, amend, report, 5131 franchise business, advice for persons who are considering investment, 5468 impact of franchising on small business,

hearings, 5282 Frederick Douglass Home, general information, 6061

Frederickson, Donald S., hyperlipoproteinemias, diagnosis and treatment, 6030 Free enterprise, see Laissez faire

Freed, C. N., relationship between fracture toughness and estimated plastic zone size in steel, titanium, and aluminum alloys, 6107

Freedom of press, see Liberty of press.

Freeman, David H., Separation and Purifi-cation Section, summary of activities, 6007

Freeport, Tex., Freeport Test Facility, annual report, 5613
Freeport Test Facility, annual report, 5613
Freeways, see Roads and highways.

evaporative freezing process for water de-salination, 5624 process studies, 5618

Frequencies

equencies:
high, wattage-to-voltage converter, design
and performance, 5965
oscillator frequency fluctuation on SDIS
[moving target selection] system with
internal coherence, investigation of effects, USSR study, 5771
solar activity effect on frequency of functional leukopenias and relative lymphocytoses 5080

cytoses, 5980

cytoses, 5980

Frequency measurement, space-time structure of high frequency components of wind waves, USSR study, 5797

Fresh-water fish, see Fish and fisheries.
Fresno, Calif., area, Soil Conservation Service activities, etc., 6180

Friction, see Skin friction (aircraft).
Friedman, Howard A., ESSA Research Flight Facility, data processing procedures, 5393

Froomkin, Joseph, aspirations, enrollments, and resources, challenge to higher education in the seventies, 5344

Fruit:

Fruit:
fresh, market news, wholesale market
prices, 1968 summary, 5287
perishable agricultural commodities act
fair trading in fruit industry, 4824
Fryburg, George C., electron paramagnetic
resonance study of order in several nematic liquid crystals, 5954
Fuel, volatile fuel components, influence on
vehicle emissions, 5871
see Reactor fuels—also types of fuel.
Fuel cas see Gas

Fuel gas, see Gas.

Fuel pins, see Reactor fuel pins.
Fuel tanks, see Tanks (containers).
Fuels, jet, effect of static dissipator additive
on charging tendency, 6104
see Fuel—also Reactor fuels.

see Public funds-also subjects for

which funds are used. Fungi, see names of fungi. Fungicides, Scientific Institute of Fertilizers and Insecto-Fungicides, 1919-69, USSR

study, 5770 Future progress of space transportation, 5890 Futures, see Commodity exchanges.

GAA ship utilization, hearings, 5171

Galambos, Jeannette W.:
discipline and self-control, program manual and study guide, 4952 organizing free play, program manual and

study guide, 4953 Galford, Jimmy R., artificial rearing of 10

species of wood-boring insects, 5497 Gallagher, Cornelius E., report of 12th meeting of Canada-United States Interparliamentary Group, 5111 Galveston, Tex., port, Engineers Corps port

series, 5372

Game and game birds, migratory waterfowl regulations, 1969-70, hearing, 5170 see also Wildlife

Games, see Olympic games. Gamma rays, alpha-gamma angular correla-tions for reaction nickel-58, 5928 Gammon, Glenn L., specific gravity and wood moisture variation of white pine, 5496

GAO, see General Accounting Office.

Gardens:

home and garden bulletins, 4812-15

home and garden bulletins, 4812-15 indoor for decorative plants, care and other uses, 4814
Gardner, Daniel E., foreign trade regulations of the East African Community (Kenya, Tanzania, and Uganda), 4998
Gardner, James E., influence of salt and elevated-temperature exposure on maximum compressive strength of titanium-alloy skin-stringer, 5961
Garments see Ciothing

Garments, see Clothing.

Gas:

concentrations, temperatures and stagna-tion heads, measurement during induc-tion plasma heating in binary plasma system, 5903

natural, turbojet combustor using as fuel heated to 1200° F. performance, 5963 Gas-cooled reactors, see Reactors (atomic).

gaseous-helium requirements for discharge of liquid hydrogen from 1.52 meter-(5-ft-) diameter spherical tang, 5939 particle-seeded, theoretical calculations of radiant heat transfer properties, 5897

Gasoline

airdrop of remote area refueling system, Army technical manual, 4867 motor, summer, 1969 petroleum products survey, 5870 GATT, see General agreement on tariffs and

trade. General Accounting Office, findings and rec-ommendations for improving Government operations, 5526

General agreement on tariffs and trade: extending declaration on provisional accession of Tunisia, 6227 rectifications and modifications of certain

schedules—
protocol, 6221
3d certification, 6231
eneral Assembly of United Nations,
United Nations.

General

Generation Gap, see Conflict of generations. Genocide, Prevention and Punishment of Crime of, Convention, see Convention on Prevention and Punishment of Crime of Genocide.

Genocide. Gentile. Columbus R., mineral industry of Ireland, 5862 Geodetic satellites, see Satellites. Geography. Soviet geographical societies, meetings, 5743 Geological Survey: bulletins, 5539-44 circulars, 5545-47 professional papers, 5548-61

professional papers, 5548-61 Water Resources Division, reports for California, list, 5562

water supply papers, 5564-67

Geology: and cour resources of Cumberland, Hobart, and Maple Valley, quadrangles, King County, Wash., 5551 at mineral deposits of Poncha Springs NE quadrangle Chaffee County, Colo., 5552 and coal resources of Cumberland, Hobart.

and ore deposits of Picher Field, Okla, and Kans., 5549 contributions to economic geology (series),

contributions to general geology (series),

5539, 5542 geologic interpretation of reconnaissance aeromagnetic survey of northeastern Alaska, 5539

aeromagnetic survey
Alaska, 5539
geology hazards and public problems, conference proceedings, 5362
geology of Midway area, Hawaiian Islands (series), 5561
regional, of Quadrilatero Ferrifero, Minas Gerais, Brazil (series), 5556
surficial, Mount Rainier National Park,

Geometry, geometrical theory of diffraction and creeping wave theory, radiation from slots on cylindrical bodies using, 5973 Georgian Soviet Socialist Republic, physi-cians honored, 1969, list, USSR study,

5760

GEOS (geodetic satellites), see Satellites. Germany

Federal Republic-

accommodation to International tary Headquarters North Atlantic Treaty, making available by United Kingdom and United States armed forces, agreement, 6232

background notes, 6213 loan of vessels, extension, agreement, 6243

Germination:

alkali sacaton seedlings, and survival in agar and soil medium, 5504 several tree species in plastic greenhouses, 5493

GF series, 4949

Ghana:

country market survey, 5714
economic trends and their implications for
United States. 5708
establishing business in, 5002
Glbson, A. E., remarks, Feb. 17, 1970, 5838

donated property, valuation, tax informa-

tion, 5694 a gift, are you sure? customs regulations, 5297

llette. Roger B., proton-induced effects on reflective surfaces of space mirrors, 5905

census of transportation, 1967, commodity transportation survey, shipper group, 4928

durability of insulating glass, seminar pro-

durability of insulating glass, seminar proceedings, 5997
flat and tempered, Tariff Commission report, 6261
porous glass membranes for reverse osmosis, research, 5621
Glennon, John P.,
American foreign policy, 1967, current documents, 6211
Glonur, Challanger, (delling, vessel);

Glomar Challenger (drilling vessel):
leg 2 of cruises, Oct.—Nov. 1968, Hoboken,
N.J. to Dakar, Senegal, 6069
Glover, Thomas O., unit train transportation
of coal, technology and description of 9
representative operations, 5851

Gnoseology, principles of scientific prognosis, and V. I. Lenin, USSR study, 5734 Goats, trade agreement with Honduras, 6239

Leonid M., Soviet endocrinologist, Gol'ber. profile, 5744 Gold:

gold content of water, plants, and animals,

secondary, in United States, 5852

vapor pressure, interlaboratory measure-ments, analysis, 6003 Gomes, John M., electrolytic preparation of tungsten metal and tungsten carbide from wolframite, 5878

Gompy, Elvin Z., soils of Au Giang Province,

Vietnam, 5367 Gon Ming Loo, see Chinn, Yau Ming.

Gooding, Richard M., proceedings of sym-posium on respirable coal mine dust, 5855 Gourash, Francis, design analysis and per-

formance of 2.5 kVA pulse width-modulated static inverter, 5929

Goutmann, Michel M., relief, 5099 Government:

business relations (address), 4980 census, 1967-

local, metropolitan areas, 4921 State reports, 4922-23

Government-Continued Federal

economic analysis and efficiency-

hearings, 5064 report of subcommittee, 5065 report of subcommittee, 5065
research and development programs financed by, investigation and study,
authorization, report, 5213
government finances, GF series, 4949
local governments access to capital markets (remarks), 5464
operations, improving, General Accounting
Office findings and recommendations,
compilation, 5526
State and local, labor-management policies, 4796

State and l cies 4796

Government agencies, public agencies, public service careers, jobs and advancement, 5814

Government contracts: code of Federal regulations, 5457-58 Miller act of Apr. 29, 1941, amend, report, 5119

minority contractor access to Federal pro-curement (remarks), 5004 National Science Foundation, 6068 Negotiated contracts allowances for inde-pendent research and development costs, issues and alternatives. Defense Deport penaent research and development costs, issues and alternatives, Defense Department, National Aeronautics and Space Administration, Atomic Energy Commission, GAO report, 5522 Saturn V stage contracts, incentive provisions, National Aeronautics and Space Administration, GAO report, 5532 ship construction contracts, requirement for performance and payment bonds, waive, report, 5119 status of acquisition of selected major weapon systems, Defense Department, GAO report, 5537 value engineering seminar, joint Government-Industry, proceedings, 5322 Walsh-Healy public contracts act, occupational health and safety standards, overnment employees, see Government officials and employees. issues and alternatives, Defense Depart-

Government employees, see Government offi-

cials and employees. Government offices:

administrative practices and procedure, expenses, report, 5218

executive branch—
position classification systems, improve, report, 5112
reorganization, study, authorization,

reorganization, study, authorization, report, 5213
general Government matters, appropriations, 1970, continue, law, 5052
legislative reorganization act of 1970, improve legislative branch, hearing, 5179
Philadelphia Plan, congressional oversight, Labor Department, hearings, 5273

see also Government supplies

Government offices reorganization, see Government reorganization plans.

Government officials and employees: Federal employee facts, 4968-69

Federal employees group life insurance program administered by Civil Service Commission, GAO report, 5520 financial protection, 4969

Government driver's guide, 6268 overseas, civilian employees stationed abroad, tax information, 5673 public service careers, jobs and advance-

ment in public agencies, 5814 see also Civil service pensions.

Government Operations Committee, House, hearings, 5160

Government Operations Committee, Senate: committee prints, 5265-66 investigations and studies—

executive reorganizations and Government research, authorization, report,

Operations Committee, Government

Government Operations Committee, Senate—Continued investigations and studies—continued intergovernmental relationships, expenses, report, 5214 national security and international operations, expenses, report, 5215
Permanent Subcommittee operations, authorization, report, 5235
Government Printing Office:
GPO standard ink book, 5568
how to do business with GPO, guide for contractors, 5569

how to do business with GPO, guide for contractors, 5569
Public Printer, nomination of Adolphus Nichols Spence II, hearing, 5281
Government publications, price lists, Public Documents Division, PL series, 6131–32 see also names of departments, etc., issuing publications—also subjects.
Government reorganization plans: executive, study, authorize, report, 5213 executive, title 5, United States Code, 5079

5079 legislative reorganization act of 1970, improve legislative branch, hearing, 5179

Government supplies Federal standard, 5467 selling to Post Office Department, 6121 Governments, census, 1967, reports, 4921 GPO, see Government Printing Office.

Gradients (mathematics)

Gradlents (mathematics):

Newton-Raphson-conjugate-gradlent technique for calculation of axisymmetric buckling, of shallow spherical shells with variable edge constraint, 5957 zero-pressure-gradlent, summary of avaiable information on Reynolds analogy for compressible, turbulent-boundary-layer flow, 5923 Graduate schools, see Colleges and universities.

Graduate work, see Colleges and universities. Grants-in-aid:

clean waters act, program, proposal, 5082 construction of solid waste disposal and resource recovery facilities, hearings, 5280

education of children in fed-Federal aid,

Federal aid, education of children in federally affected areas, 1969 annual report, 5342
Federal funds for research, development, and other scientific activities, 6067
federally aided public assistance income maintenance programs, facts, 6020
health services for domestic agricultural migratory workers, amend and extend act, report 5137
institutional grants for schools of nursing, 5578

medical programs, hearings, 5277

mental health, support programs of NIMH, 6047

Institute of Dental Research, National 1968 funds, 6036

National Science Foundation, 6068 minority business enterprise, Federal as-sistance programs, catalog, 5335 medical library assistance act of 1965, extend, report, 5138 nurse training angula present

nurse training, special project grants for improvement, 5586 nursing schools, construction grants, 5574

occupational health and safety program, assistance to States, hearings, 5157 Omnibus crime control and safe streets act of 1968 discretionary grant programs,

guide, 5805 public health schools, extend program re-

port, 5139
Public Health Service, health research facilities program, annual report, 5069

public health traineeship program grants for short-term training, 5584 Small Business Administration, financial assistance programs and policies, re-

view, hearings, 5283

Grants-in-aid—Continued
States, for drug abuse education, hearings,
5155

student assistance, guide, 5078

Grasses:

alkali sacaton seedlings, germination and survival in agar and soil medium, 5504 root competition between ponderosa pine seedlings and grass, 5516
Grasslands, seeded ranges response to different grazing intensities in ponderosa pine zone of Colorado, 4825

Gratuities: employer and employee tips, reporting for income tax and social security, 6175 tips, reporting for Federal tax purposes, 5661

5661
Gravitation, earth's field dynamic calibrator for calibration of accelerometer, 6010
Gravity, specific, see Specific gravity.
Gray, R. A., jr., behavior of mechanical properties in neutron irradiated 12Ni-5Cr=3Mo maraging steel plate and companion weld metals, 6103
Grazing, seeded ranges response to different grazing intensities in ponderosa pine zone of Colorado, 4825

of Colorado, 4825 Great Britain:

reat Britain:
amateur alien radio operators, authorize to
operate, agreement, 6238
armed forces of United Kingdom make accommodation in Federal Republic of
Germany available to Internotional Military Headquarters of NATO, agreement,
6232

lights and fog signals, list, 6087

Great Lakes: basin, survey of institutions concerned with water resources, 5570 pilot, survey, 5834 Great Lakes States:

oak forests and their management, 5508 prescribed burning, current status, 5491 Grebowsky, Gerald J., Fourier transform representation of ideal lens in coherent optical systems, 5976 Greece, navel wessel length optical results.

Greece, naval vessel loans, extend report, 5123

Greene County, Ark., soil survey report, 6193 Greenhouses, plastic germination of several tree species in, 5493

Greyson, J., study of specific influence dissolved ions on structure of water, 5 Griffin, Nelda, financial structure of water, 5030 Grote, Heinz H.: plotter subroutine for meteorological

otter subroutine for meteorological straight line flight data (SLENDER),

pesentation of errors of four-dimensional parameter in single plane, 5386 Ground effect, proximity on longitudinal aerodynamic characteristics of unswept aspect-ratio-10 wing, 5956 Group insurance, see Life insurance.

Growth:

factors for yellow-popular, distributing value gain, 5499 growing flowering—

annuals, 4812 perennials, 4813

Guam, county business patterns, 4933

Guardhouses, conditions in brig at Marine Corps base, Camp Pendleton, Calif., inquiry, report of special subcommittee, 5145

Guernsey, plant quarantine requirements, 4804

Guinea pigs, raising, 4818

Guidance systems, manual guidance of large launch vehicles utilizing X-15 airplane and flight simulators, study of display systems, 5940

Gulf of Mexico, see Mexico, Gulf of,

Gulf Coast:
light list, Little River, S.C. to Rio Grande,
Tex., and Autilles, 4977
nautical chart catalog, 4976
Guns, series, automatic weapons, engineering
design handbook, AMC pamphlet, 4849

design handbook, AMC pampinet, 4849 see also Firearms.
Gustafson, Paul R., investigation of some new amines as regenerative carbon dioxide absorbents, 6100
Guyana area handbook, 4862
Guyana constant and account to the constant of the cons

Gyroscopes, production and research, USSR study, 5778

Haase, Gloria J., relief, 5102 Habitat:

management for-

management for—
band-talled pigeons, 6181
black bear, 6182
black-tailed deer, 6183
white-tailed deer, 6184
Hall, J. Alfred, pulp and paper industry and
Northwest, 5489
Hall, Richard L., soil survey report of Wicomico County, Md., 6198
Hallan, Jerome B., economic cost of kidney
disease and related diseases of urinary
system, 6146
Handbooks, see names of departments, etc.,

system, 6146
Handbooks, see names of departments, etc., issuing handbooks—also subjects.
Handlcapped, publications, price list, 6132
Handling equipment, aeronautical and space systems, requirements, 5982
Handling qualities of XB-70 airplane in landing approach, 5967
Hansen, Edward A., relation of snowpack accumulation to red pine stocking, 5495
Hardwoods.

Hardwoods:

Hardwoods:
diameter growth of individual hardwood
trees, 5513
northern hardwoods in Northeast, silvicultural guide, 5512
plywood, current industrial reports, 4938
Harelip, U.S. facilities providing cleft lip
services, National Institute of Dental Research directory, supplement, 6039
Harkin, John M., uses for sawdust, shavings,
and waste chips, 5490
Harper, B. E., LMFBR liquid metal fast
breeder reactor, follow-on study, conceptual design report, plant safety analyses,
4879

4879

Harpers Ferry National Historical Park, Virginius Island, social and economic his-

Virginius Island, social and economic history, 6062
Harrel, Clell G., economic analysis of proposed reconstruction of jetties I through 6 at Port of Chittagong, East Pakistan, final report, 6264
Harris, A. S., ripening and dispersal of bumper western hemlock, sitka spruce seed crop in southeast Alaska, 5500
Harris, J. Donald, efficient monaural procedure for psychoacoustic calibration of earnhones, 5845

phones, 5845 Hart, Marice C.

automatic adjustment of earnings base under OASDHI, 6166 social security benefit formula, 6165

Hashemite Kingdom, see Jordan. Hatcheries, see Poultry. Hause, L. C., UHF radio propagation data for low antenna heights, 5390 Hawaii:

counties, estimates of population, July 1,

counties, estimates of population, July 1, 1967 and 1968, 4946
geology of Midway area, Hawaiian Islands (series), 5561
Hawthorne, J. Russell, trends in Charpy-V shelf energy degradation and yield strength increase of neutron-embrittled

pressure vessel steels, 6110
Hazards, geologic, and public problems, conference proceedings, 5362

Headaches, hope through research, health Hearing: information, 6133 Headsets:

psychoacoustic calibration of earphones— differential sensitivity for alternate in-teraural loudness balancing, 5846 efficient monaural procedure, 5845 efficient monaural procedure,

Health: ealth:
California student health project, 5587
continuing education in comprehensive
health planning partnership for health,
1969 list of projects, 5017
health information series, 6133-36
health manpower source book, 5576
human needs, national nutrition survey,
hearings, 5778

human needs, national nutrition survey, hearings, 5278 migrant health services, amend and ex-

migrant health services, amend and extend act, report, 5137
necessities of food, medical assistance, etc., study, authorization, report, 5239
1969 graduate education in comprehensive health planning, 5019
occupational health and safety program, hearings, 5157
Occupational safety and health act of 1969, hearings, 5157
Philadelphia student health project, 5588
professions, student loan program, career information, 5577
public health—

public healtheducational preparanurses, number, tion, etc., 5580

schools, grants program, extend, report, 5139

raineeship program, grants for short-term training, 5584 radiological health handbook, 5383 radiological health programs, directory of personnel responsible, 5381

personner responsible, 5381
regional medical programs, extend, and
improve, hearings, 5277
research facilities construction program,
Surgeon General's report, 5069
services comprehensive programs

surgeon General's report, 5009 services, comprehensive program, bibliog-raphy, 5329 services for mothers and children, social security benefits, 5840 States and areawide comprehensive health planning agencies, directory, 5018 statistics.

data from national health survey, 6013-

data from National Vital Statistics System, 6017-18 student health project of Greater New York, 5589 USSR, public health— comments, 5803 draft of new law, 5700

draft of new law. 5796 comments, 5753 see also Medical care. Health aides, home health aide, community resource, 5020

Health, Education and Welfare Department:

appropriations, 1970— hearing, 5178 proposal, hearings, 5142 report, 5254 veto, 5073

veto message, 5077

HEW and title 6 of Civil rights act of 1964, organization, policies, and com-pliance procedures development under act, report, 4961

mental retardation activities, 5572 telephone directory, 5571

Health insurance:

health insurance statistics, current medi-care survey report, CMS series, 6168 medicare

for people 65 and over, brief explanation, 6176

your health insurance, 6174 Heard, Louie P., cottontail rabbits, 6178

learning to talk, speech, hearing, and lan-guage problems in pre-school child, 6051 levels of children by age and sex, United States, 6016 Hearle, Edward F. R., data uses in urban

planning, 4930
Heart, see Artificial heart.
Heart diseases:

cardiac replacement, medical, ethical, psy-chological and economic implications,

6022)
fields, education, research, training, and demonstrations program, extend and improve, hearings, 5277
Heat, opacity probability distribution functions for carbon monoxide at elevated temperatures, 5977
Heat transfer:

Heat transfer:

unt lifting body at Mach 3.71, experi-mental distribution, 5935 blunt lifting

mental distribution, 5935
gas-cooled reactor passage, observation of
flow excursions, 5906
radiant heat transfer properties of particle-seeded gases, theoretical calculations, 5897
stagnation point, during hypervelocity atmospheric entry, 5892
eat treatment, see Temper (metallurgy).
eaters see Water heaters.

Heaters, see Water heaters.

Heating

induction plasma heating, measurement of gas concentrations, etc., in binary

plasma system, 5903 turbulent, of plasma ions during develop-ment of electron-acoustic instability,

4870
Heavy elements, see Chemical elements.
Hegyeli, Ruth J., Artificial Heart Program
Conference, proceedings, 6024
Heisterkamp, Charles, III, activities of U.S.
Army Surgical Research Team, WRAIR,
Vietnam, 4868

Helicopters:

certification and operations of scheduled air carriers, with helicopters, Federal aviation regulations, change, 5405 organizational mechanic/repairman course, 4857

Heliports, design guide, 4843

Helium: elium:
compressibility data, for temperature
range -5° C to 80° C, and at pressures
to 800 atmospheres, 5883
gaseous-helium requirements for discharge
of liquid hydrogen from 1.52-meter-(5ft-) diameter spherical tank, 5939

emisphere, Western, businesses, executive officers and managerial personnel, exempt from immigration numerical limitation, report, 5135 Hemlock, wes

emlock, western, bumper seed crop in southeast Alaska, ripening and dispersal,

5500

Hemolytic disease of fetus and newborn due to RH isoimmunization, 5841

Herz, Norman, rutile and ilmenite placer deposits, Roseland district, Nelson and Amherst Counties, Va., 5544

HEW, see Health, Education, and Welfare Department.

Hewlett, Richard F., comparison of tri-angular, polygonal, and statistical method for computing grade and tonnage of ore of Silver Bell Oxide porphyry copper deposit, 5873
High, William L., progress report on develop-

ment of shrimp trawl to separate shrimp from fish and bottom-dwelling animals, 5007

High schools, radiation sources in secondary schools, report of limited survey, 5380 see also Secondary education.

Higher education, see Colleges and universities.

Highlands County, Fla., phosphate interests, sell to record owners of surface, report, 5106

Highway construction, see Roads and highways. Highway engineering, see Roads and high-

WAVE Highway safety, see Safety of life. Highways, see Roads and highways.

Hill. Gerald F. :

in, Gerald F.:
external proton beam characteristics of
NASA Space Radiation Effects Laboratory synchrocyclotron, 5921
large-area proton beams established at
NASA Space Radiation Effects Laboratory in energy range from 31 to 225 NASA Space Radiation Effects Labora-tory in energy range from 31 to 225 MeV, 5920

Hitten, John S.. accelerometer calibration with earth's field dynamic calibrator, 6010 Hip, Wu, see Wu Hip.

Historic sites:

National historic preservation act amendments, hearing, 5162

preservation program, amend act, hearing. 5162

History, see subjects. Hobart quadrangle, Wash., geology and coal

resources, 5551 Hodges, Charles S.

resources, 5551
Hodges, Charles S., ir., nursery diseases of southern pines, 5487
Hoffman, Glen L., parasites of freshwater fish, fungl, Saprolegnia and relatives of fish and fish eggs, 6206
Hog cholera, eradication, State-Federal co-

operative program, 1969 progress report, 4803

Hogs, see Swine. Hokanson, Hilding L., soil survey of Lincoln County, Minn., 6194

Holidays Federal, consideration, expenses, report, 5223

1970 world holidays listed, guide for business travel, 5717

Holland, John A., discussion of disseminated intravascular coagulation in decompression sickness, 5844

Home economics: home and garden bulletins, 4812-15

homemaker/home health aide, community resource, 5020

Homemakers, see Home economics. Homemaking, see Home economics.

Homeowners, see Homes.

IFHA regulations, amendments, mortgage insurance, 5421 homeownership for lower-income families,

5596

low cost wood homes, designs, house plans, 5481-85 tax deductions for homeowners, 5678

tax in information on selling your home, see also Houses.

Homes (institutions), see Nursing homes. Homework helper program, New York City,

trade in beef, goat, mutton, Honduras, agreement, 6239 ood River County, Oreg., relief, report,

Hood 5118 Honkins.

opkins, Edward J., direct measurements of turbulent skin friction on nonadiabatic flat plat at Mach number 6.5 and comparisons with 8 theories, 5966

Horowitz, Loucele, medical care prices fact sheet, 6171

Hospitals:

audits in medical institutions reorganized, USSR study, 5757 family in hospital, lessons from develop-

family in hospital, le ing countries, 6045

Hospitals-Continued

ospitals—Continued they're ready to work in your hospital, nurses, nurse assistants, ward clerks, etc., 5815 see also Air Force hospitals.

Hours of labor

Fair labor standards act, applicability to forestry or logging operations, 6279 government officials and employees, FPM government outlais and employees, FPM supplement, 4971
House Administration Committee, House, report, 5108
House documents, 5068-95
House flies, see Flies.

House of Representatives : House of Representatives:
delegation to 12th meeting of CanadaInterparliamentary Group, report, 5111
payment of compensation for committee
employees, report, 5108
House plants, see Plants.
House trailers, see Trailers.
House trailers, see Trailers.

Household workers, see Servants. Households:

nsumption patterns for meat and poultry, 1965, spring, 5337 etary levels in North Central region, consumption dietary 4816

food consumption survey, 1965-66, report, 4816

Houses, flooded homes, first aid, 4806 see also Homes.

Housing: advertising discrimination in sale rental, new trend (remarks), 5609
Federal programs, study, authorization, report, 5242
housing industry, challenge for Nation, report, 4984

inner-city, financing, hearings, 5149 large cooperative communities, questions regarding mortgage loan insurance cell-ings and land appraisals, Housing and Urban Development Dept., GAO report, 5536

leased-housing program, administration by Department of Housing and Development, GAO report, 5521

low-rent

financing handbook, 5601

preconstruction handbook, 5600 model State housing societies law, 5376 problems of cities and suburban areas (address), 5595

public, tenant rights and management rights (address), 5592 shortage problems (address), 5590

voluntary action is better way for solving most community problems, 5591 sing and Urban Development Depart-

administration of leased-housing program, GAO report, 5521

HUD guide series, 5597 HUD handbooks, 5598-5603

mortgage loan insurance ceilings and land appraisals for large cooperative housing communities, questions, GAO report, 5536

5536
Howard, Elizabeth, labor offices in United States and Canada, 5816
Hubs, hub clamps, Federal item identification guide, change, 5311
HUD, see Housing and Urban Development

Department.

Hudson River and Valley:

Hudson River and Valley:
interstate compact relating to resources,
amend act, report, 5107
license for activity which may affect resources of riverway, extend time for
review of applications, report, 5107
Huff, Edward M., probability learning, firstorder Markov structures of quarternary

events, 5971

Human Environment, United Nations Conference, see United Nations Conference on Human Environment.

Human race, see Man. Human relationships, Job Corps, human

renewal, 5810

Human rights, see Civil rights.

Humentk, Francis M., performance of short length turbojet combustor insensitive to radial distortion of inlet airflow, 5924 Hunger:

human needs, national nutrition survey, hearings, 5278

of food, study, authorization, report, 5239

you can help fight hunger in America, donated foods, handbook for volunteers,

5475
Hurricanes, Camille, Aug. 17-21, 1969, effect
on communications, summary report, 5414
Husbands and wives, community property
and Federal Income tax, 5635
Hyamine, 3500, toxicity to fish, 6207
Hyde, Floyd H., remarks, Feb. 14, 1970,
5610

Hydraulics, overland flow on hillslopes, 5550 Hydrazine nitrate, physical and explosive characteristics, 5854

Hydrocarbons:
Control techniques for emissions from-mobile sources, 5989

stationary sources, 5991 Hydroelectric power, see Electricity.

Hydrogen: 80.6 helical inducer operated in hydrogen, thermodynamic effects of cavitation,

hot seeded, at 1 atmosphere pressure, measurements of extinction parameters, 5896

liquid, discharge from 1.52 meter-(5-ft-) diameter spherical tank, gaseous-helium requirements, 5939 Hydrogen fluoride, and thermochemistry of

Hydrogen fluoride, and thermochemistry of fluorine, 6008
Hydrology, and some effects of urbanization on Long Island, N.Y. (series), 5553
Hydromagnetic systems, on cosmic hydromagnetic dynamo theory, 5389
Hymenoptera, see Wasps.
Hyperlipoproteinemia, see Lipoproteins.
Hypothermia, pneumatic hypothermic devices and craniocerebral cooling apparatus, method of improving effectiveness, USSR study 5755 study, 5755.

I.C.C., see Interstate Commerce Commission. I.R.S., see Internal Revenue Service. Ice:

core drilling through Antarctic ice sheet, 5366

nucleation from water and electrolyte so lutions, kinetics of, 5617 see also Ice crystals.

Ice crystals, secondary nucleation of ice in suspension of crystals in turbulent cylin-drical couette flow, 5616 Iceland, economic trends and their implica-tions for United States, 5704

Ichthyophthirius multifilis, fish disease, 6203 ICRI, see Injury Control Research Laboratory.

If you must smoke, 6147 Illinois Central RR., accident report, 5435

Illness, see Sick.

Ilmenite, placer deposits, Roseland district, Nelson and Amherst Counties, Va., 5544 Imlay, Ralph W., some Jurassic ammonites from central Saudi Arabia, 5558 Immigration and emigration:

immigration and nationality act, amend, report, 5135 investigation, expenses, report, 5224

Western Hemisphere businesses, executive officers and managerial personnel, exempt from numerical limitation, report, 5135

Immigration and emigration-Continued

5135
Immunization, hemolytic disease of fetus and newborn due to RH isoimmunization, 5841
Impingers, single turbulent jet impinging on fint plate, survey of literature on now characteristics, 5949
Import Bank of Washington, Export see Export-Import Bank of United States.
Imports, see names or classes of articles imported.

imported.

In your keeping, skywarn 70 tornado safety message to administrators of schools, hos-pitals, and other institutions, 5396

incentives in industry:
incentive provisions of Saturn V stage
contracts, 5532
New Jersey work incentive experiment,
preliminary results, 5334

Income: adequate income for all Americans in need, report of President's Commission on Iucome Maintenance Programs, 6126 District of Columbia income and franchise

net of 1947, amend, report, 5131 New Jersey work incentive experiment, preliminary results, 5334

taxable and nontaxable, 5691

taxanie and nonaxanie, 3051 Income Maintenance Programs, President's Commission on, see President's Commis-sion on Income Maintenance Programs. Income tax:

accounting periods and methods, 5674 adjustments to income for sick pay, 5632 aliens, tax guide, 5693 American scholars abroad, 5670

community property, 5635
computing your tax under income averaging method, 5636
condemnations of private property for public use, how Federal income tax applies, 5637

corporations and Federal income tax, 5638 cost or other basis of assets, 5676 credit sales by dealers in personal property, 5639 deductions—

bad debts, 5677 business expenses, 5675 casualty losses and thefts, 5679 educational expenses, 5680 homeowners, information, 5678

losses from operating a business, 5654 medical and dental expenses, 5650 miscellaneous deductions, 5650 moving expenses, tax information for employees and employers, 5655 repuirs replacements and improve

employees and employers, 5655 repairs, replacements, and improvements, 5685 taxes, 5646 depreciation, investment credit, amortization, depletion, 5641 foreign scholars and educational and cultural exchange visitors, 5643 installment and deferred-payment sales, 5650

5650

investment income and expenses, 5682 IRS looseleaf regulations system, 5651-52 mutual fund distributions, 5683 older Americans, tax benefits, 5667 organizations, how to apply for exemp-

tion, 5645 partnership income and losses, 5684 recordkeeping requirements, 5659

rental and royalty income, 5660 retirement income, 5662 retirement plans for self-employed, ques-tions and answers, 5658 sales and exchanges of assets, 5664

sales and other dispositions of depreciable property, 5665 scholarships and fellowships, 5687

Income tax-Continued

self-employment tax, 5649 sponsors of contests and sporting events, 5671

tax publications, guide, 5672
tax publications, guide, 5659
tax return, filing, 5648
tax sheltered annuity plans for employees
of public schools and certain tax-exempt organizations, 5689
taxable income and nontaxable income,

5691

reporting for Federal tax purposes,

5661 U.S. citizens employed in U.S. possessions, tax guide, 5669
U.S. Government civilian employees sta-

tioned abroad, 5673

valuation of donated property, 5694 withholding and declaration of estimated tax, 5690

withholding of tax on nonresident aliens and foreign corporations, 5695

withholding taxes from your employee's wages, 5696 your exemptions and exemptions for de-

pendents, 5697 pendent Consumer Council, establish, Independent

hearings, 5260

hearings, 5260
Indexes:
AMC, publications and blank forms, 4846
FAA electronic equipment type designations, handbook, 5407
ishery bulletin, v. 65, title page, contents, and index, 5012
Maritime Administration, Maritime Subsidy Board, National Shipping Authority, current regulations, 5837
research in education (periodical), report

research in education (periodical), report résumé, 5357

dia, agricultural commodities, agreement,

Indian lands, Alaska native land claims, settle, hearings, 5161 dian Oaks, Ill., railroad accident report,

Indian 5435

Indian Ocean, lights and fog signals, list, change, 6086 Indiana

standing timber coefficients for Indiana walnut log production, 5510

timber, 5517 water pollution on Lake Erie and its tributaries, etc., conference proceedings, 5469-70

Indianapolis, Ind., area wage survey, 5829 Indonesia, agricultural commodities, agree-ment, 6237 Inducers, 80.6° helical, operated in hydrogen,

thermodynamic effects of cavitation, 5933 Induction heating, see Heating. Inductors, induction devices for detecting underground communications, investigation, USSR study, 5736 Industrial arbitration, national emergency laborations and properties.

labor disputes, recommendations and pro-

posals, 5093
Industrial College of Armed Forces, correspondence courses, national security management, information booklet, 5721
management, second basing, (industrial).

Industrial designs, see Designs (industrial). Industrial pensions, see Pensions. Industrial plants, see Plants (industrial). Industrial relations:

court decisions relating to National Labor relations act, 6054 labor-management relations act, amend, report, 5199

labor relations, labor-management policies for State and local government, 4796

railway labor-management dispute, to porary strike prohibition, law, 5062 science and industry, plans to aid rela-tions, USSR study, 5758

Industrial safety, see Safety of life.

Industrial workers, see Labor. Industries Commission, National Special, sec National Special Industries Commis-

Industry

improving education-industry relations (address), 4985 joint industry administered trust funds for product promotion, employer contributions, permit, report, 5199 patterns of industrial growth 4903-4

rural industrialization in southeast coastal plain, case study of new brick factory in Summerville, S.C., 5338 trade and industry publication, 4844 see also names of industries.

see also names of industries.
Inequalities, finitely converging algorithms for solution of denumerable systems of inequalities and their application in problems of adaptive system synthesis, USSR study, 5729 Infants

hemolytic disease of fetus and newborn due to RH isoimmunization, 5841 mortality, study from linked records, meth-ods of study, and registration aspects,

6017

Infection, spread of droplet infections in closed collective, mathematical models, USSR study, 5746
Information, see Public information.

Information, see Public information.
Information communication occupations, suggested curriculum guide, 5352
Information storage and retrieval systems: computerized data retrieval and manipulation, final 1970 census plans and 4 programing systems, papers, etc., 4929 conversion of information form and automation of research, USSR study, 5793
Incots see Aluminum.

Ingots, see Aluminum.

Ingots, see Aluminum.
Inheritance and transfer tax, Federal tax guide for survivors, executors and administrators, 5642
Injury Control Research Laboratory, research report ICRL-RR series, 5378-79
Inlets, see Air inlets (aircraft).
Inner city, see Cities and towns.
Innis, Robert C., airworthiness considerations for STOL aircraft, 5930
Input-output analysis, see Linear programing.

ing. secticides, Scientific Institute of Fertilizers and Insecto-Fungicides, 1919-69, USSR study, 5770
see also Malathion.
sects, forest pest conditions in Pacific Insecticides,

Insects. sects, forest pest Northwest, 5486

see also names or classes of insects.
Inserts, helical-wire in test of single-tube-inshell water boiler, 5948
Inspecting airways, 5408

Inspecting airways, 5408
Inspection (industrial), see names of articles, etc., inspected.
Installment credit, installment and deferred-payment sales, tax information, 5650
Institute for Applied Technology, technical highlights, 1969 fiscal year, 6006
Institute for Basic Standards, technical highlights, 1969 fiscal year, 6006
Institute for Materials Research, technical highlights, 1969 fiscal year, 6006
Institute for Materials Research, technical highlights, 1969 fiscal year, 6006
Institute for Telecommunication Sciences,

Institute for Telecommunication Series, ESSA technical report, ERL-ITS series, Institutions

Great Lakes, concerned with water and related resources, survey, 5570 science and institutes in Belorussia, USSR study, 5804

study, 5804
Instruction, see Learning—Teaching.
Instrument flying, instrument rating (airplane) written test guide, 5409
Instruments, see names and types of instruments

ments.

American public against, nearings, 5262 Intellect, human intelligence, extensive bib-liography, 6041 Intelligence, see Intellect. Intelligence tests, see Mental tests. Inter-Agency Committee on Mexican-Ameri-can Affairs, appropriations, 1970, report, 5054 5254

Inter-American Development Bank, appropriations, 1970, law, 5053

Interest and usury

interest equalization tax, tax information, 5681

interest rate ceilings and access of State and local governments to capital mar-kets (remarks), 5464

Interest rates, see Interest and usury

Interference drag, see Drag (aerodynamics).

Interferenceters, laser interferenceter with
phase modulation of visual signal as means phase modulation of visual signal as means of extending range of measurement of plasma density, 4869
Intergovernmental relations, study, expenses, report, 5214
Interior and Insular Affairs Committee, House:
hearings, 5161-62
reports, 5105-7
Interior and Insular Affairs Committee

terior and Senate:
Senate:
hearings, 5267-68
investigations and studies, authorization,
report, 5217

report, 5217 report, 5217 report, 5253 Interior Department, saline water research and development progress reports, 5316-30

Intermediate credit banks, see Banks for cooperatives.

Internal combusion engines, see Engines.
Internal revenue, code of Federal regulations, 5444-42, 5692
see also names of certain taxes, e.g., In-

come tax.

Internal Revenue Service:
career opportunities, internal revenue aide, begin your professional career, 5634 looseleaf regulations system, excise taxes,

5653 looseleaf regulations system, income tax, 5651-52

is prologue (qualifying you for IRS),

5657 Internal security, see National security Internal Security Committee, House,

ings, 5163

International agreements, treaties and other international agreements, 6253 International arbitration, see Arbitration. International business in changing world (address), 4986

International Civil Aviation Organization
Council, see Council of International Civil
Aviation Organization.

International Clergy Week, designate, law. 5051

International cooperation. to save succeeding generations, report, 5122

International Development Agency: operations report, 5718 telephone directory, 6220

International Development Association, appropriations, 1970, law, 5053

International finance, see Euro-dollar mar-

International Institute for Unification of Private Law, amendment to art. 6 of In-stitute statute adopted at UNIDROIT Gen-

eral Assembly, 6223 International Olympic Committee, welcome Olympic delegations to 1976 Olympic games, law, 5050 Olympic

Insulation, durability of insulating glass, seminar proceedings, 5997

Insurance, see types of insurance.

Insurance companies, insolvencies, protect American public against, hearings, 5262

Intellect, human, intelligence, extension in

International Rehabilitation Panel, proceedings 1969 panel on international scene, ings 6128

International relations:

ternational relations:
foreign economic policy for 1970's, survey
of Issues, hearings, 5067
foreign policy of U.S.—
American foreign policy, 1967, current
documents, 6211
1970's, new strategy for peace—
departmental edition, 6129
document edition, 5009
investigations and studies—
extractions are successed as a second and successed as a second as a second and successed as a second as a second and successed as a second as a s authorization, report, 5238 expenses, report, 5215

see also Diplomacy.
International Telecommunications Satellite
Consortium, District of Columbia, tax ex-

emption, report, 5130 International trade, see Commerce. International Whaling Commission, tion, amendment to schedules, 6233 conven-

Interns, see Physicians.
Interparliamentary Group, Canada-United
States, see Canada-United States Interparliamentary Group.
Interpretative bulletins, Wage and Hour and
Public Contracts Divisions (2070) Interns, see Physicians.

Public Contracts Divisions, 6279

Interstate agreements:
Hudson River Basin compact, amend act,

report, 5107
West Virginia-Ohio air nollution control compact, consent of Congress, report, compact, 5203

Interstate and Foreign Commerce Committee, House, hearings, 5164-66 Interstate commerce act, see Railroads.

Interstate Commerce Commission:

annual report, 1969 departmental edition, 5719 document edition, 5085 judicial review of ICC orders, hearing,

5261

Interstate land sales can be risky, 5604 Intoxicants, see Liquors.

Inventions, relating to defense, patents, saleguarding and secrecy, agreement other governments, revision, 6228

Inventories, livestock and poultry, 6257 Inverters, 2.5 kVA pulse-width-modulated static inverter, design analysis and performance, 5929

Investment companies: mutual fund distributions, 5693

mutual funds, taxation, amend act, report, 5131

Investments:

advice for persons who are considering investment in franchise business, 5468 District of Columbia, legal investments for

trust funds, list, 5324 foreign direct investment program and its relationship to U.S. balance of payments (remarks), 5480

investment credit, tax information, 5641 investment income and expenses, tax in-

formation, 5682 Ionosphere, traveling ionospheric disturb-ances, observation by Doppler technique with spaced transmitters, 5394

dissolved, study of specific influence on structure of water, 5630

plasma, turbulent heating during developof electron-acoustic instability, ment 4870

Ips lecontei Sw, see Beetles.

Iran:
military and political problems, subcommittee report, 5144
milttary mission, agreement, 6224
mineral industry, minerals yearbook chapter, 5861
Ireland:

economic trends and their implications for United States, 5703

foreign trade regulations, 4997 minerals industry, minerals yearbook chapter, 5862

Iron

adhesion, friction, and wear with 3½ per-cent silicon added, effect in various media, 5958 iron ore pellets, prereduced, preparation, properties, utilization, 5848

Iron ores, see Iron. Irradiation, see Radiation.

Irrigation :

operators' workshop, 1969, lecture notes, 6143

ol43
pilot drainage and irrigation
Thanh Quoi, An Giang Provit
Nam, feasibility study, 5368
88, see Internal Revenue Service. project, ce. Viet-Province,

Isenhour, W. J., Fathom (periodical), 6079 Islands, see names of islands.

Isoimmunization, see Immunization.
Isomers of cresol as possible fish-collecting aids, with toxicities, 6207

Isotopes:

radioisotope X-ray methods for field analy-sis of wet concrete quality, methodology and conceptual instrument design, 4889

radioisotopes, nuclear detonations peaceful purposes, approaches to calcula-tion of limitation, papers, 5384 e also names of isotopes, e.g. Nickel 8ee

isotopes.

cooperative satellite research project, agreement, 6248 claims of U.S. nationals against Government, text of act, regulations, etc., 5479 launching of NASA satellites from San Marco Range, agreement, 6247 military and political problems, subcommittee report, 5144 works, 5251 5255 525 525

It works, 5351, 5355-56, 5358

ITS, see Institute for Telecommunication Sciences.

Jackson, Samuel J.:

Addresses, etc., addresses, etc., addresses, etc., Feb. 6, 1970, 5698
Feb. 13, 1970, 5595

James, Harry K., physical and explosion characteristics of hydrazine nitrate, 5854

air transport services, agreement, 6229 economic trends and their implications for United States, 5709

Jennings, Jerry T., characteristics of American youth, 4943

Jet aircraft, see Aircraft.

Jet fuel, see Fuels.

Jets:

shear layer and jet instability in stratified media, 5941

single turbulent air jet impinging on flat plate, survey of literature on flow char-acteristics, 5949

supersonic, shock-free, turbulence measurements by optical crossed-beam method, 5917

Jettles, 1 through 6, proposed reconstruction at Port of Chittagong, East Pakistan, eco-nomic analysis, final report, 6264

b analysis, Job evaluation policy act of 1970, report, 5112

Job Corps:

PM (series), 5813 residential job training, basic education,

residential job training, basic education, human renewal, 5810

Job evaluation, see Job analysis, Jobs, see Employment—Training, Johnson, Allan, M., electrosorb process for desalting water, 5627

Johnson, James S., Jr., separations processes, 5627

5623

5623
Johnson, Lyndon B., public papers of the President, 5461-62
Joint Chiefs of Staff, Chairman, former, military retired pay, recomputation under certain circumstances, report, 5121
Joint Oceanographic Institutions Deep Earth Sampling Program, Deep Sea Drilling

Joint Oceanographic Institutions Deep Earth Sampling Program, Deep Sea Drilling Project, leg 2 of cruises of drilling vessel Glomar Challenger Hoboken, N.J. to Dakar, Senegal, 6069 Joint Publications Research Service, JPRS series, 5723-5804 Jones, John E., observation of traveling iono-spheric disturbances by Domler technique

spherle disturbances by Doppler technique with spaced transmitters, 5394 Jones, Robert A., preliminary surveys of wall boundary layer in Mach 6 axisymmetric

Jones, Robert A., p. boundary layer in Mach 6 axis, boundary layer in Mach 6 axis, tunnel, 5938

Jones, Robert S., gold content of water, plants, and animals, 5547

Jordan, area handbook, 4860

Joshua Tree National Monument, general information, 6063

Journal bearings, see Bearings (machinery).

JPRS, see Joint Publications Research

5141 Judgments, see Claims.

Judicial administration, see Justice Department.

Judicial review, ICC orders, hearing, 5261 Judiciary, see Courts of United States—Judice Department. Judiciary Committee, House:

hearings, 5167 reports, 5096-5102, 5109, 5116, 5118-19, 5124, 5135, 5141 Judiciary Committee, Senate:

hearings, 5269-74 investigations and studies-

administrative practices and procedure Federal agencies, expenses, report, 5218

antitrust and monopoly laws, adminis-tration, expenses, report, 5219 constitutional amendments, expenses, amendments, expenses. constitutiona

report, 5220 constitutional rights, expenses, report,

constitutional separation of powers be-tween executive, judicial, and leg-islative branches of Govt., expenses, report, 5232 criminal laws and procedures, expenses, report 5292

report, 5222
expenses, report, 5229
Federal charters, holidays, and celebrations, expenses, report, 5223
Federal judicial system, expenses, report, 5225
immigration, end, not unable the port.

immigration and naturalization,

penses, report, 5224 internal security laws, etc., ad tion, expenses, report, 5226 administra-

juvenile delinquency, expenses,

Patent Office administration and patent statutes, expenses, report, 5228 refugees and escapees, expenses, report, 5220

revision and codification of U.S. statutes, 5231

report, 5247

Jurassic period, some Jurassic ammonites from central Saudi Arabia, 5558

Jurisdiction, see Criminal jurisdiction. Justice Department

astice Department: appropriations, 1970, report, 5104 Attorney General, control of D.C. correc-tional institutions in Fairfax County, Va., hearings, 5153 judicial administration, code of Federal

regulations, 5454
opinions of Attorney General, 5807
Juvenile courts, juvenile justice, crime in
America, hearings, 5150
Juvenile delinquency, investigation, expenses,

report, 5227

Kansas: census of business, 1967, major retail centers, standard metropolitan statistical

areas, 4909 cher Field, geology and ore deposits, Picher

Kasemir, Heinz W., lightning hazard to rockets during launch 11, 5388 Kattegat, sailing directions, change, 6082 Keeping up with change in rural society,

5415

Keim, Kathleen, basic data on economy of

Burnia, 4994
Kellogg, Charles E., travel notes of soil scientists, together with list of useful items for long journey, 6202
Kennedy, David M.:
remarks—

Jan. 14, 1970, 6272 Jan. 28, 1970, 6271 Feb. 20, 1970, 6270 Kennedy, Robert S., optical space communi-

cations, 5912

Kenya:

economic trends and their implications for United States, 5705 foreign trade regulations, 4998 Idney Diseases and Kidney-Related Di-

Kidney seases Office, establish, hearings, 5277

Kidneys: disease

and related diseases of urinary system,

economic cost, 6146 benefit-cost analysis of programs, 6144 education, research, training, and demonstrations programs, extend and improve, hearings, 5277 atrick, E. L., scaled-model measure-

Kilpatrick, E. ments on transportable log-periodic dipole antenna, 5391 netics, kinetics of ice nucleation from

antenna, 5391
Kinetics, kinetics of ice nucleation from water and electrolyte solutions, 5617
King, Charles E., ostracoda in Texas bays and lagoons, ecologic study, 6155
King County, Wash., Cumberland, Hobart, and Maple Valley quadrangles, geology and coal resources, 5551

Kirby, Donald E., electrowinning aluminum from aluminum chloride, operation of sin-gle-compartment cell, 5884

ann, John L., steady-state analysis of Brayton space-power system, 5964 Klann.

att, Judith, short summary of 10 model teacher education programs, 5359 Klatt, Klyce, Donald F., mineral industry of Mich-

igan, 5864

Koczela, Louis J., study of spaceborne multi-processing, phase, 1, 5891 Koelling, Gordon W., mineral industry of Venezuela, 5868 Kohnhorst, David T., OGO program, bibliog-

raphy, 5981 Korea, North, Army area handbook, 4861

Korea, North, Army area handbook, 4861
 Kornicker, Louis S.:
 Myodocopid Ostracoda (Cypridinacea) from Philippine Islands, 6160
 Ostracoda (Myodocopina) from Peru-Chile trench and Antarctic Ocean, 6158
 Kovacs, Austin, variation of some mechanical properties of polar snow, Camp Century, Greenland, 5364

Krasnowiecki, Jan, model State housing societies law, 5376
Kratchman, Jack, mosaic, 6070
Krone, Paul R., starting and managing retail flower shop, 6154
Kunde, Virgil G., opacity probability distribution functions for carbon monoxide at elevated temperatures, 5977
Kusuda, T., algorithms for psychometric calculations (skeleton tables for thermodynamic properties of moist air), 5998

thor:
code of Federal regulations, 5455
educational and labor market experience
of male youth, career thresholds, longitudinal study, 5812
pensions and severance pay for displaced
defense workers, 4845

pre-retirement years, labor market experience of men, longitudinal study, 5811 thor and Public Welfare Committee, Labor

Senate:
hearings, 5275, 5277
correction, 5276
investigations and studies

investigations and studies—
authorization, report, 5216
United Mine Workers election of 1969,
etc., expenses, report, 5252
reports, 5199, 5204, 5252
Labor bureaus, etc., United States and Canada, directory, 5816
Labor Department:
appropriations, 1970, report, 5254
Philadelphia Plan, congressional oversight
of administrative agencies, hearing,
5273 5273

5273
safety training programs, occupational safety aid, OSA LS series, 5819
Labor disputes, national emergency, recommendations and proposals, 5093
see also Strikes and lockouts.
Labor force, see Labor.
Labor laws, labor law series, 5818
Lockor means and proposals and see Indus-

management-relations act, see Industrial relations.

Labor-management reporting and disclosure act of 1959, administration and enforcement rel. to investigation and study, report, 5252

Labor market, see Labor. Labor offices, see Labor bureaus, etc. Labor relations, see Industrial relations. Labor standards,

Fair labor standards act, forestry or log-ging operations, applicability, 6279 Labor Standards Bureau bulletins, 5816-17 Labor Statistics Bureau :

BLS staff papers, 5820 bulletins, 5821-33

supply, pre-retirement years, labor ket experience of men, longitudinal Labor su market

market experience of hier, longitudinal study, 5811 Labor surplus, see Unemployed. Ladd, Harry S., deep drilling on Midway Atoll, 5561 Atoll, 5561 Laird. Melvin R.,

statement, 1971, defense program and budget, 5323 Laissez faire, American economy and its opportunities for future growth (address), 4979

Lake Erie, see Erie, Lake. Lake States, see Great Lakes States.

Lamar, John E., design charts of static and rotary stability derivatives for cropped double-delta wings in subsonle compres-sible flow, 5955

Lambs, crop, 6256 Laminar flow, see Flow. Land:

appraisals for large cooperative housing communities, Housing and Urban Development Dept., GAO report, 5536 interstate land sales can be risky, 5804 see also Real estate.

Land burning, see Burning of land.

Land reform

Land reform:
Thanh Quoi, An Giang Province, pilot drainage and irrigation project, feasibility study, 5368
Viet-Nam, program to speed land distribution, 5369
Landing (aircraft):
XB-70 airplane in landing approach, handling applities 5967

dling qualities, 5967
Landling (spacecraft), see Spacecraft,
Landlords and tenants, tenant rights and
management rights (address), 5592
Lane County, Oreg., Oakridge flood protection, 6186

tion, 6186

tion, 6186
Language and languages:
expanded language arts, Buffalo, N.Y.,
compensatory education, 5358
language stimulation program, Auburn,
Ala., preschool program in compensatory education, 5355
learning to talk, speech, hearing and language problems in pre-school child, 6051
National defense education act awards for
modern forcign language and arm extent modern foreign language and area study, 5345

Larson, M. M., root competition between ponderosa pine seedlings and grass, 5516 Larvae, see names of insects, etc. Laser beams:

laser interferometer with phase modula-tion of visual signal as means of extending range of measurement of plasma density, 4869 laser radar range equation considerations,

6106

Lasers, spaceborne laser altimeter, optical altimeter receiver systems study and de-

sign, 5901 Lassen, L. E., sapwood thickness of Douglas-fir and 5 other western softwoods, 5507 Latvian Soviet Socialist Republic, science, progress, 5749

Launch vehicles, see Spacecraft. Launching facilities, NASA satellites from San Marco Range, agreement with Italy, 6247

slip laws (private), 91st Congress, 5036-49

slip laws (public), 91st Congress, 5050-62 see also Codes of law—also subjects. Law enforcement: LEEP, educational opportunities, 5806 Omnibus crime control and safe streets act of 1968, discretionary grant programs, guide, 5805
Law Enforcement Assistance Administration, LEEP, educational opportunities, 5806
Lawyers:

Lawyers:
pay, national survey, 5822
VISTA lawyers, job opportunities, 5332
Leaching, principles of leaching valuable components from ores, USSR study, 5795
Lead, deposits, White Mountain plutonic series in New Hampshire and Maine, 5543
Leaflets, see names of departments, etc., issuing leaflets—also subjects.
Leak, William B., silvicultural guide for northern hardwoods in Northeast, 5512
Learning:

Learning:

Learning:
learning to talk, speech, hearing, and language problems in pre-school child, 6051
systems in development of elementary
teacher education models, 5360
Leave of absence, government officials and
employees, FPM supplement, 4971
Leaving drug world systems analysis and learned

Le Baron, Walt, systems analysis and learn-ing systems in development of elementary teacher education models, 5360

Lee, Arthur N., relief, 5047
Lee, Marion M., relief, 5047
Lee, Robert E., Lincoln, Lee and American
Civil War, National Park Service publications list, 6130

LEEP LEEP (Law enforcement education pro-gram), see Law enforcement. Legal rights of the disabled and disadvan-

Largai rights of the disabled and disadvantaged, 6164
Legality of revised Philadelphia plan, 5807
Legislation, Legislative reorganization act of of 1970, improve legislative branch, hearing, 5179

see also subjects.

see also subjects.

Legislative reorganization act see Congress of United States.

Leissa, Arthur W., vibration of plates, 5910

Leithead, H. L., Fort Worth prairie, 6179

Lenin, Vladimir I.:

and gnoseological principles of scientific prognosis, USSR study, 5734

Lenin days of Tadzhik science in Moscow, 5747

ideal, in coherent optical systems, Lenses.

Lenses, ideal, in coherent optical systems, Fourier transform representation, 5976 Leonard, Clarence G., moisture conditioning of seed cotton in ginning as related to fiber quality and spinning performance, 4821 Leonard, Joseph T., effect of static dissipator additive on charging tendency of jet fuels, 6104

Lesco, Daniel J., rotating shaft-mounted microelectronic data system, 5969

LeSourd, David A., benefit-cost analysis of kidney disease programs, 6144

Letters, microcopy pamphlet to accompany Adjutant General Office 1881-89, letters received, main series, 5995

Leucopenia, functional and relative lymphocytoses effect of solar activity on frequency, 5980

Leuk-, for most subjects beginning with this combining form, see Leuc
Levine, Eugene, nursing personnel, 5576

Levine, Eigene, nursing personnel, 5576 Liapunov method, Lyapunov stability cri-teria for randomly sampled systems, 5970 Liberation Front, National, see National Lib-

eration Front. Liberty of press, has American press become product of times (remarks), 5426

Libraries: orarres;
Medical library assistance act of 1965,
extend report, 5138
Medical library assistance extension act
of 1970, report, 5138
see also names of departments, etc.—also
names of libraries.

Library list, National Agricultural Library, 5983

Libya, military and political problems, sub-committee report, 5144

Licenses: censes: activity which may affect resources of Hudson Riverway, extend time for review of applications, report, 5107 nuclear powerplants, prelicensing antitrust review, hearings, 5063 see also subjects for which licenses are

issued.

Issued.

Lids, paper, Federal standard, 5467
Lietzke, Armin F., simplified analysis of nuclear fuel pin swelling, 5932
Life insurance, Federal employees' group program administered by Civil Service Commission, GAO report, 5520
Lift (aircraft):

Lift (aircrait):
calculated wind-tunnel-boundary lift-interference factors for rectangular perforated test sections, 5943
Light lists, *ee Lights and lighting.
Lightning, hazard to rockets during launch

Lightning. 11, 5388

Lights and lighting:

Coast Guard list, Atlantic and Gulf Coasts and Antilles, 4977

Naval Oceanographic Office, lists-British Isles, En North Sea, 6087 English Channel, and

Pacific Ocean, western, etc., change, 6086

Lime, David W., wildlife esthetics & nuto campers in Superior National Forest, 5509 Lime, liming of acid strip-mine spoil, pine seedlings respond, 5498 Liming, see Lime. Lin-Fu, Jane S., hemolytic disease of fetus and newborn due to RH isoimmunization, 5641

5841

Lincoln, Abraham, Lincoln, Lee, and American Civil War, National Park Service publications list, 6130

Lincoln County, Minn., soil survey report, 6194

Lincoln County, Okla., soil survey report,

Linear inequalities, see Inequalities.
Linear programming, input-output analysis,
use in studying industry problems applied
to employment changes in U.S. textile in-

dustry, 4828 Linville, Bill, petroleum and oil-shale re-search of Bureau of Mines, 1967-68, 5853 Lipoproteins:

management of hyperlipoproteindietary

emia-

type 2 diet, 6027 type 3 diet, 6028 type 5 diet, 6029

hyperlipoproteinemias, diagnosis and treat-ment, 6030 Liquid fuels, damping of liquid oscillations on rectangular tanks, effect of wall roughness, 5973

Liquids, nematic liquid crystals, electron paramagnetic resonance study of order in electron several, 5954

District of Columbia—
Class A liquor license, return and cancellation procedure, report, 5129
intoxicating, code of Federal regulations,

5453 Lists, see subjects of lists.

Listia, see subjects of lists.

Lithium chloride, magnesium electrode in molten mixtures of anolyte studies, 5952

Little River, S.C., to Rio Grande, Tex., and Antilles light list, 4977

Littman, F. E., research on porous glass membranes for reverse osmosis, 5621

Livestock:

inventory, 6257
State livestock associations resolutions re-lating to National Forest System adopt-ed in 1969, Forest Service comments,

ivingston, A.L., xanthophyll, carotene, and a-tocopherol stability in alfalfa as affected by pilot-and industrial-scale dehydration, 4820 Livingston,

Lizards, catalogue of neotropical squamata,

6057 LMFBR (liquid metal fast breeder reactors),

see Reactors (atomic).
Loan associations, see Federal savings and loan associations.

Loans:

assessment of fees for processing loan ap-plications would help recover program costs of Farmers Home Administration, GAO report, 5523 nursing students

information for schools, 5582

repayment, deferment, and cancellation, guide, 5575

guide, 5575
Smail Business Administration, financial
assistance programs and policies, review, hearings, 5283
student loan program, health professions,
career formation, 5577
see also Federal savings and loan associations—Mortgage insurance.

obsters, offshore, northern, size composi-tion, sex ratio, and size at maturity, 5013 Local government, see Government.

Lodgepole pines, see Pine.

Logic (symbolic and mathematical): universal logic blocks, 6101

Logistics: foreign military sales, Air Force manual,

4837 1970 census logistics, report, 5136

Logs:

and related products, 1958-68 U.S. exports, 4905
standing timber coefficients for Indiana walnut log production, 5510
Long Island, N.Y.:
East Meadow Brook, Nassau County, effects of urban development on direct runoff to brook, 5553
hydrology and some effects of urbanization.

runoff to brook, 5553
hydrology and some effects of urbanization on Long Island, N.Y. (series), 5553
Loo, Gon Ming, see Chinn, Yau Ming.
Lopez, Armando E., study of display systems for manual guidance of large launch vehicles utilizing X-15 airplane and flight simulators, 5940
Los Angeles, Calif.:
alcoholism and narcotics problem, hearings, 5275

ings, 5275 designate as site for 1976 Olympic games, law, 5050
Loudness, see Sound.
Loulsville, Ky.-Ind., area wage survey, 5832

Lukas, Jerome S., effects of sonic booms and subsonic jet flyover noise on skeletal muscle tension and paced tracing task, 5902 Lumber:

board-foot volumes to 6-inch top for lodge-pole pines in Colorado and Wyoming, 5505

census of transportation, 1967, commodity transportation survey, shipper group,

see also Logs.

Lumbering, Fair labor standards act, applicability to forestry and logging operations, 6279

Lunar missions, see Moon. Lunar orbits, see Orbits. Lunar science, Apollo 12, new vista, 5909 Lutton, Richard J., natural rubble slopes and their relevance to crater fallback slopes, 5375

Lyapunov method see Liapunov method. Lymphocytes, relative lymphocytoses and functional leukopenias, effect of solar activity on frequency, 5980

M.H.D., see Magnetohydrodynamics. MA SP series, 5838 McBarron, H. Charles, American McBarron, H. posters, 4850 Charles, American soldier

McCracken, David S., establishing business in Venezuela, 4991
McDonald, Keith L., on cosmic hyrdomagnetic dynamo theory, 5389

McElveen, Jackson V., rural industrializa-tion in Southeast coastal plain, case study of new brick factory in Summerville, S.C., 5338

McGee, Mary, impact of medicare, annotated

bibliography of selected sources, 6169
McGrew, John R., strawberry diseases, 4809
Machinery, general purpose, for construction,
mining, agricultural, food industries,
paper, industries, and printing, trade and tariff information summaries, 6262

McKay, Roger E., distributing value gain from three growth factors for yellow-

poplar, 5499

McKelvey, Robert K., comparison of attitudes toward several cross-chest safety belt systems after operational experience, 5379

cKinney, Tex., floodwater retarding struc-tures during storm of Sept. 20-21, 1964, performance, 6187 cKnight, Edwin T., geology and ore among automata, USSR study, 5738

McKnight, deposits of Picher Field, Okla., and Kans., 5549

MacLaury, Bruce K., remarks, Jan. 20, 1970, 6269

McLellan, Robert:

cLellan, Rossian addresses Feb. 16, 1970, 4983 Feb. 17, 1970, 4986 Mar. 9, 1970, 4987 CMahon, T. F., common quality

Mar. 9, 1970, 4987

MeMahon, T. F., computer aids highway construction quality assurance, 6137

McNatt, J. Dobbin rail shear test for evaluating edgewise shear properties of wood-base panel products, 5506

Macroeconomic effects of social insurance on aggregate demand, 6170

Madagascar, tenrees, study in mammalian behavior and evolution, 6156

Magnesium electrode in molten mixtures of

Magnesium, electrode, in molten mixtures of lithium chloride, etc., anolyte studies,

Magnesium chloride, magnesium electrode in molten mixtures of, anolyte studies, 5952

Magnetic amplifiers, see Amplifiers. Magnetic fields:

averaged high-frequency field forces, used in amplyfring electromagnetic radiation, study of possibility, 4872 forming high-frequency fields in plasma

devices, 4873

devices, 4813
4 x 6 prismatic model, 5560
magnetic attitude and spin control of S²-A
small scientific satellite, 5925
magnetic configurations with shear and
minimum B, 4871

confinement in closed magnet

systems, conference proceedings, USSR study, 4883 Magnetic memory, permanent memories of digital computers, USSR study, 5790

Magnetic mirrors, systems applications to simulation of Fokker-Planck equation by random walks of test particles in velocity space, 5962

Magnetism, plasma confinement in closed magnet systems, conference proceedings,

USSR study, 4883
Magnetohydrodynamics, MHD, for pollution-free production of electrical energy from low-grade coal, hearing, 5267

Magnetosphere, earth's pulse of, USSR study, 5780

Mail carriers, substitute clerk-carrier, examination announcement, amendment, 4962 Mail matter, prepared with care, how to prepare Government mail, 5538 Maine lead-zinc-silver deposits related to White Mountain plutonic series, 5543 Mainland. Donald, notes on blometry in medical research, 6277 Maintenace: Mail carriers, substitute clerk-carrier, exam

Maintenance:

certification procedures, FAA handbook, changes, 5407A management, Air Force equipment, manual,

4831 Malacca Strait, sailing directions, change, 6084

Malathion, residues in stored agricultural products, improved procedure for determining, 4800
aleske, Marcia J., basic data on economy
of Netherlands Antilles, 4995

Maleske,

Mallison, Earl D., feasibility of using 50-by 30-centimeter cell box for exporting McIntosh and golden delicious apples, 4819

Malnutrition :

human needs in health, national nutrition survey, hearings, 5278 study, authorization, report, 5239

an:
among automata, USSR study, 5738
human needs in health, national nutrition
survey, hearings, 5278
man's challenging environment, the seas
(remarks), 5427
angement, see Administrative management—Forest management—Wildlife management—Forest management—Wildlife man-

Management, agement

Maneuverability, handling qualities of XB-70 airplane in landing approach, 5967

Manpower

Manpower:
developing your manpower, 5809
health manpower source book, 5576
pre-rettrement years, lahor market experience of men, longitudinal study, 5811
research monographs, 5811-12
Manuals, see names of departments, etc., issuing manuals—also subjects.
Maple Valley quadrangle, Wash., geology and coal resources, 5551
Manning see Mans and charts

and coal resources, 2021
Mapping, see Maps and charts.
Maps and charts:
catalog of copyright entries, 5294
Coast and Geodetic Survey, nautical chart
catalog. Atlantic and Gulf Coasts, entalog, Atlantic and Gulf Coasts, Puerto Rico and Virgin Islands, 4976 flood-hazard mapping in metropolitan Chicago, 5546

maps, 5304 Federal item identification guide,

see also Aerial mapping.
Maraging steel, see Steel.
Margason, Richard J., review of propulsioninduced effects on aerodynamics of jet/
STOL aircraft, 5936

Marihuana Commission, establish, hearings,

Marine accidents:

arine accidents:
marine casualty reports—
Lake Michigan squalls, vessels lost and
damaged, 6073
M/V Thorstream (Nor.), 6075
SS Panoceanic Faith, North Pacific

SS Panoceanic Faith, North Factor Ocean, 6074

Marine Band, director and assistant grades, remove statutory restrictions, law, 5056

Marine Corps, base, Camp Pendleton, Calif., conditions in brig, inquiry, report of special subcommittee, 5145

Marine Corps Band, see Marine Band.

Marine Corps Reserve, officers, serving selection boards, increase number, l law. 5058

Marine services, weather services chart, Savannah, Ga., to Apalachicola, Fla., 6280 Mariner, see Spaceraft. Mariner-Mars 1969, preliminary report, 5914

Marion, Kans.: local flood protection project, engineers

reportdepartmental edition. document edition, 5088

Maritime Administration: current regulations, index, 5837

current regulations, index, 5837
SP series, 5838
vessels in support of military activities in
southeast Asia, Government owned, operation improvements needed, GAO report, 5531
Maritime industry, see Merchant marine.
Maritime Subsidy Board, current regulations, index, 5837
Markets and marketing.

Markets and marketing: acreage marketing guides, 5284 country market survey (series), 5714 Ghana, country market survey, 5714 international marketing information service, 5714

market factors in Austria, 4990 marketing research reports, 4819-21 preharvest research under mark research marketing under agreements, authorize, reports, 5110,

Markets and marketing—Continued see also names or classes of commodities,

see also names or classes of commodities, etc., marketed.

Markov processes, first-order Markov structures of quariernary events, probability learning, 5971

Marmor, Barbara R., relief, 5096

Married persons, see Husbands and wives.

Mars (planet):

aerodynamics of entry probe-lander con-figurations at Mach 10 number, 5931 Mariner-Mars 1969, preliminary report, 5914

Marsh, James G., intercomparison of mini-track and optical tracking networks using GEOS I Long-arc orbital solutions, 5919 Martian atmosphere, see Atmosphere.

Preston: Martin,

Martin, Fresion.

speeches—
Aug. 25, 1969, 5420
Sept. 13, 1969, 5418
Martinique, background notes, 6215

Maryland:

census of business, 1967, seleced services, area statistics, 4918 suburbs, crime spillover from Washington, D.C., regional aspects, hearings, 5264

Mass spectra, see Spectra.
Mass (physics):
variable-mass flexible rocket with internal flow, general motion, 5904

Massachusetts, postal map, 6122 Materials

materials behavior in multi-star distillation plants, survey, 5625 national materials policy act o hearings, 5280 space materials handbook, 5916 standard reference materials multi-stage flash 1969

standard reference materials, National Bureau of Standards, catalog and price list, supplement, 6001

see also names of materials. Materiel, see Military supplies.

Mathematics: algorithms-

adaptive random-search, for implemen-tation of maximum principle, 5947

finitely converging, for solution of de-numerable systems of inequalities and tive system synthesis, USSR study, 5729 psychometric calculations (skeleton

tables for thermodynamic properties of moist air), 5998

self-training, for diagnosis for diseases, USSR study, 5769 analytical model of flash stage, develop-

ment, 5619

continuing math revolution, 5347

mathematical sciences trainees in vacation

work-study programs, examination announcement, amendment, 4963 models, spread of droplet infections in closed collective, USSR study, 5746 research.

Sciences, past 50 years, 5773 hews, Charles W., address, Feb. Mathews. Feb. 4-6.

Matrix theory, stiffness matrix method, sys-tematic analysis of pit slope structures by,

Maui, Hawaii, plantation timber on island, 5519

Mauritania, Islamic Republic of. background notes, 6214

Maxilla, maxillofacial prosthetics, interpro-fessional conference, proceedings, 6148 Maximum principle, see Principle of the

maximum Meals, see Food.

Measurements, users bulletin, supplement, 6000

see also subject of measurement.

Meat:

care tips for you, the consumer, 4815 household consumption patterns, spring, 5337 1965.

Inspection procedures manual, 5290 institutional purchase specifications, approved by USDA, portion-cut products,

Mechanical properties: behavior, in neutron irradiated 12Ni-5Cr-3Mo maraging steel plate and com-panion weld metals, 6103

polar snow, some variations, 5364
Mechanics (persons):
construction mechanic 1 & C, rate training

manual, 6094
mechanical repair trades, apprenticeship schedules, 4844
organizational mechanic/repairman course, aircraft helicopter, 4857

Mechanics (science):
mechanical effects of underground nuclear
explosions, USSR study, 4874
Medicald, see Medical assistance.
Medical assistance:

medicaid and other medical care financed from public assistance funds, 1951-69, statistics, 6019 publications, price list, 6132

Medical care:

Armed Forces surviving dependents, health care cost-sharing arrangements, report, 5115

comprehensive health services program. bibliography, 5329 costs for the disabled, 6167 current medicare survey report, CMS se-

ries, 6168

ries, 6168
financed from public assistance funds,
1951-69 statistics, 6019
human needs, provide for poor, national
nutrition survey, hearings, 5278
lack of assistance, study, authorization,
report, 5239

long-term care facilities, activities super-visor's guide, 5016 medical service, medical airman's manual, Air Force manual, 4835

medicare

health insurance for people 65 and over, brief explanation, 6176 impact, bibliography, 6169 number using services, 1968, estimate,

6168 your health insurance, 6174 prices, fact sheet, 6171 size and shape of medical care dollar, chart book, 6172

tax deduction for medical and dental expenses, 5640

Medical economics, size and shape of medical care dollar, chart book, 6172 Medical education, see Medicine.

Medical institutes, see Medical schools.

Medical libraries, see Libraries. Medical malpractice, patient patient versus

physician, 5266
Medical research see Medicine.

Medical schools, work of Institute, USSR, 5745 work of Orenburg Medical

Medical service, see Medical care. Medical research, see Medicine.

Medicine:

associate training programs, medical and biological sciences, NIH, 6052 computer technology, USSR study, 5726

medical education, new ideas proposed, USSR study, 5772 medical malpractice, patient versus the

physician, study, 5266 National Library of Medicine, services,

otes on biometry in medical research, 6277 etc., 6056

Medicine—Continued Regional Medical Programs, conference of coordinators and chairmen of regional advisory groups, 6149 sailing directions,

Mediterranean

change, 6083 Meirovitch, Leonard, general motion of variable-mass flexible rocket with internal flow,

Sea.

Melasyenites, see Rocks. Melons, acreage marketing guide, 5285 Melville, Herman, 6-cent Moby Dick com-memorative stamped envelope (poster),

Melvin, Raymond C., relief, 5038

Membranes

empranes:
oriented cellulose, for reverse osmosis and
relationship between morphology and
salt rejection, study, 5622
polymer, determination of surface and colloidal conditions which can lead to high
colt rejection reverse osmosis 5614

salt rejection, reverse osmosis, 5614 porous glass, membranes research for re-verse osmosis, 5621 emorials, see National monuments and

Memorials. memorials.

memorials.

Memory devices, see Magnetic memory.

Mendel, Joseph J., rate of value increase for yellow-poplar and beech, 5511

Mendenhall, Michael R., computer program

Mendenhall, Michael R., dependent performance, endenhall, Michael R., computer program for prediction of ducted fan performance, 5895

Mental health:

statistics, current facility report, 6046 support programs of NIMH, 6047 Mental health centers, see Mental institu-

Mental hospitals, see Mental institutions. Mental institutions:

rural mental health centers, general information, 6050 State and county mental hospitals, provisional patient movement and administra-

tive data, 6046 Mental retardation, Health, Education, and

Welfare Department activities, 5572 ental tests, human intelligence, bibliog-

Mental tests.

raphy, 6041
Mercer, Charles E., effect of plug base contour on performance of fully truncated plug nozzle with translating shroud, 5950 Merchant marine:

importance of trade and commerce (re-5429 marks),

oceanic education, dynamic key to mari-time progress (remarks), 5425

Merchant Marine and Fisheries Committee, House, hearings, 5169-73

Merchant ships, see Ships.

Metals, metals and metal products, trade and tariff information summaries, 6262 see also names of metals.

Metcalf, Henry B., automated fault diagnostics for frequency dependent circuits by correlation and variance techniques, 5978

Meteoroids, see Meteors.

Meteorological balloons, see Balloons. Meteorological rockets, see Rockets.

Meteorology

Federal plan for meteorological and supporting research, 19 services 1971 fiscal year, 5395

straight raight line flight data derived fr SLENDER, plotter subroutine, 5387

ing effects of cutoff statistical analysis, 5959 meteoroid penetration data includ-Meteors.

Methodology, infant mortality from linked records, methods of study and registra-tion aspects of study, 6017 see also subjects.

Metric system, NASA study, 5907 Metropolitan areas, see Cities and towns. Mexican-American Affairs, Inter-Agency Committee on, see Inter-Agency Committee on Mexican-American Affairs. Mexico, Guif of, cidaroid echinoids, field guide, 6161 Meyer, Fred P., parasites of freshwater fishes protozoa Ichtyophthirius multifilis, 6203

Meyer, Jon K., bibliography on urban crisis, 6042

MDH, see Magnetohydrodynamics.
Mice, early stages of embryos cultivated in vitro, effect of serotinin and antiserotinin preparations on development, USSR study, 3730

Michigan: Bedford shale, Berea sandstone, and Sunbury shale age, 5541 mineral industry, minerals yearbook chap-

ter, 5864 water pollution on Lake Erle and its tribetc., conference proceedings, 5469-70

Michigan Basin, Bedford shale, Berea sand-stone and Sunbury shale age, 5541
Michigan, Lake, east coast, squalls, vessels and lives, damaged and lost, marine casualty report, etc., 6073
Micro-organisms, plague, action of semisyn-thetic penicillins, USSR study, 5783
Micro-organisms

Microbes, see Micro-organisms. Microelectronics, see Electronics.

Microfilms:

duplicate microfilm copies, selective roll-to-roll printer for producing, 6009 National Archives publications, pamphlet accompanying, 5995

Micropulsations, pulse of sphere, USSR study, 5780 earth's magneto-

Microsporida, fish disease, 6205

Microwave ovens and the public, 5382

Midway Atoll, deep drilling, 5561
Migrant labor, health services, grants, amend and extend act, report, 5137

Migratory birds, see Water birds.
Miles, B. M., bibliography on atomic transition probabilities, 6005

Military Affiliate Radio System, excess property, transferred to, opportunities for improving management, Defense Dept., GAO report, 5533

Military aid:

foreign assistance appropriations, 1970, law, 5053

Foreign military sales act, amend, hearings, 5158

Military art and science :

manual, 4856
National Guard training on-site air defense

units, 6023

Military assistance, see Military aid.

Military education

Army correspondence courses, announce-

ment, 4859 operator training course, tactical and sup-port vehicles, LARC 5, 4858

Military equipment, see Military supplies. Military facilities, Air Force design manual, design policy and procedures, facility design and planning, 4832

Military missions, agreement with Iran, 6224 Military publications, index of AMC publications and blank forms, 4846

Military research, Air Force research facili-ties, illegal expenditure of funds for con-

struction, GAO report, 5530 Military service, President's Commission on All-Volunteer Armed Force, report, an

6127 Military standards, see Standards and standardization.

Military supplies:

airdrop of remote area refueling system, technical manual, 4867 Armed Services procurement regulations supplement, Air Force supplements, 5315 - 17

5315-17
Army procurement procedure, 4852
cataloging system, standardization, etc.,
semiannual report, 5148
defense procurement policies on competition and concentration, hearing, 5270
experimental statistics, basic concepts and
analysis of measurement data, engineering design handbook, 4848

Foreign military sales act, amend, hearings, 5158 foreign military sales, logistics, Air Force manual, 4837

military standard requisitioning and issue procedures, change, 5320 reliability of equipment in service, effect of value engineering changes on, 5301 small purchase manual, armed services procurement regulation, 5298

Milk

fluid. id, processing line, automating equipment and procedures, 4801

ment an procedures, 4807 interstate shippers, certification under State-PHS cooperative program, 5473 Miller act, see Government contracts. MILSTRIP (Military standard requisitioning and issue procedures), see Military

supplies.

Minas Gerais, Brazil:

physiographic, stratigraphic and structural
development of Quadrilatero Ferrifero, 5556

5556
regional geology of Quadrilatero Ferrifero (series), 5556
Mine drainage, acid mine drainage in Appalachia, message from the President, 5068
Mine explosions, mine roof vibrations from
underground blasts, 5872
Mineral Industry Week, designate, law, 5054

Minerals:
geology and mineral deposits of Poncha
springs NE quadrangle, Chaffee County,
Colo., 5552

industry, minerals yearbook chapters— Angola, Mozambique, and Portuguese Guinea, 5858 Argentina, 5859

Canada, 5860 Caribbean Islands, 5863 Iran, 5861 Ireland, 5862 Michigan, 5864 New York State, 5865 Nigeria, 5866

South Pacific Islands, 5867 Venezuela, 5868

Mines and mining:

machinery, trade and tariff information summaries, 6262 mine roof vibrations from underground

mine roof blasts, 5872

slope stability analysis by finite element stress analysis and limiting equilibrium method, 5876

Mines Bureau: bulletin, 5848

Education and Behavioral Science Office, new services, 5869

information circulars, 5849-56 report of investigations, 5871-86

research and accomplishments in utilization of solid wastes, 5856 research, 1967-68, petroleum and oil-shale,

5853

Mining, see Mines and mining. Minitrack, intercomparison of minitrack and optical tracking networks using GEOS I long-arc orbital solutions, 5919

Minorities:

business enterprise, Federal assistance programs, catalog, 5335 minority group opportunities (remarks),

5004

Minority Business Enterprise Office, creation (remarks), 5004 Minors, see Children. Mirrors, space mirror

Minors, see Children.
Mirrors, space mirrors, proton-induced effects
on reflective surfaces, 5905
see also Magnetic mirrors.
Miscellaneous publications, see names of departments, etc., issuing papers.
Missouri, southwest, survival and growth of
eastern redeedar seed sources, 5494
Missouri River and Valley, basin, progress
report. 5612

Missouri River data peport, 5612 Missouri River Basin project, appropriations, missouri recease, report, 5253 authorization, increase, report, 5253 Mitchell, William B., area handbook Guyana, 4862

Mobile home courts, see Trailer parks.

Mobile homes, see Trailer parks.
Mobilization, see National defense.
Mobilization, see National defense.
Moby Dick, 6-cent Herman Melville commemorative stamped envelop (poster),

Model State housing societies law, 5376
Modeling of the psyche, 5740
Models (mathematical), see Mathematics.
Modulation theory, phase modulation of visual signal in laser interferometer as means

of extending range of measurement of plasma density, 4869
Modulators, see Pulse modulators.
Modules, see Nuclear instrument modules.
Moebs, Noel M., air sealing coal mines to reduce water pollution, 5885

Moisure:

orsare; seed cotton conditioning in ginning as re-lated to fiber quality and spinning per-formance, 4821 wood moisture variation of white pine, 5496

Molasses, market news, annual summary, olecular weight, estimating molecular weight of anomalous component of modi-fied water by cryoscopic method, USSR Molecular

study, 5794
Moline, Ill., area wage survey, 5825
Monetary policy, see Money.
Monetary problems, see Money.

oney:
counterfeiting and forgery, 6151
monetary policy, interest rate ceilings, and
access of State and local governments to
capital markets (remarks), 5464
socialist monetary circulation, principles,
USSR study, 5724
oney orders, nonpostal, to pay postal
charges, permit report, 5255
capacities:

Money

antitrust laws, administration, investiga-tion, expenses, report, 5219 nuclear powerplants, prelicensing antitrust review, hearings, 5063 see also Competition.

see also Competition.

Moon, circumlunar flights of automatic stations Zond 5 and Zond 6, chromosome mutations induced by spaceflight factors in barley seeds, USSR study, 5792

Moore, Royce D., thermodynamic effects of cavitation of 80.6° helical inducer operated in hydrogen, 5933

Moore House, Colonial National Historical Park, general information, 6064

Park, general information, 6064
Morgan, N. O., biodegrading poultry excreta
with house fly larvae, concept and equip-

ment, 4797
Morphology, relationship between morphology and salt rejection and oriented cellulose membranes for reverse osmosis, study. 5622

Morrell, Les ada, 5860 Lester G., mineral industry of CanMorristown National Historical Park, Gen. Headquarters, Washington's (poster), 6065 Mortality see Death. Mortgage insurance

operative housing communities, ques-tions regarding loan cellings and land appraisals, Housing and Urban Developcooperative housing communities, ment Dept., GAO report, 5536 THA-

homes, regulations, amendments, 5421 project, FHA regulations, amendments, 5422

Mortgages, amortization, tax information.

5641

Mosaic (periodical), 6070 Moskewitz, Ronald, leaving drug world be-hind, 5353 Mothers, health services, social security

benefits, 5840 of variable-mass flexible

Motion, general, of variable-mas rocket with internal flow, 5904 Motion pictures:

distant drummer, drug abuse, film series, announcement and order form, 6043 soil and water conservation, 6190

Motor buses, replacing foreign-made buses with American-made buses abroad, cost and balance-of-payments advantages, GAO report, 5528

Motor carriers, see Motor vehicle accidents.
Motor cycles, see Motorcycles.
Motor fuel, taxation user charges, increase,
report, 5250

see also Gasoline.

Motor vehicle accidents: large motor carriers of property, 1968 summary, 5887 skid control training, fixed base simulator versus skid pan practice, 5378 Motor vehicles:

cross-chest safety belt systems, comparison of attitudes toward, after operational experience, 5379 pollution of air, proposed program for reduction, message from the President, 5009

5082

safety standards, supplement, 6033
skid pan practice versus fixed base simulator in skid control training, 5378
see also Motorcycles.
Motorcycles, mini-bikes, interpretation, Federal motor vehicle safety standards and regulations, supplement, 6033
Mount Rainier National Park:
Nisqually Glacier, analysis of 24-year photographic record, 5554
surficial geology, 5540
Moving, see Transportation.
Mozambique, see Portuguese East Africa.
Mud Mountain Dam, White River, Wash., constructed by Seattle District, U.S. Army Corps of Engineers, general information, 5371

Muesebeck, Carl F. W., Nearctic species of Orgilus Haliday (Hymenoptera, Braconidae), 6157

Multistage flash distillation see Flash distillation.

Muscles, skeletal tension and paced tracing task, effects of sonic booms and subsonic jet flyover noise on performance, 5902

trade agreement with Honduras, Mutton,

Mutual funds, see Investment companies. Myers, Clifford A., board-foot volumes to 6-inch top for lodgepole pines in Colorado and Wyoming, 5505

Myodocopina, see Crustaceans.

N.A.T.O., see North Atlantic Treaty Organization. N.B.S., see National Bureau of Standards.

Nagel, William. foreign trade regulations of Sweden, 4996
Nakano, Yoshisuke, stability of difference approximation to shock wave propagation in inhomogeneous elastic-plastic media, 5365
Nantasket Beach, Mass.:
erosion control study, engineers report—departmental edition, 5374
document edition, 5075

document edition, 5075 NAPCA, see National Air Pollution Control Administration.

Narcotic habit: distant drummer, drug abuse, film series, announcement and order form, 6043 leaving drug world behind, 5353 narcotics addiction and drug abuse, exam-

of problems, hearings, correcination tion, 5276

arcotics:
convention on narcotic drugs, 1961,
amendments of schedules, notification
by United Nations, 6234
problem, hearings, 5275
arcotics and Dangerous Drugs Bureau,
BNND special agent, 5888
ASA, see National Aeronautics and Space
Administration Narcotics

Narcotics

NASA. Administration.

Administration.

NASA EP series, 5909

Nassau County, N.Y., East Meadow Brook, effects of urban development on direct runoff, 5553

National Academy of Engineering, technology assessment, hearings, 5181

National Academy of Sciences, technology assessment, hearings, 5181

National Advisory Council on Child Nutrition, establish, report, 5200

National Aeronautics and Space Administration:

tration:

allowances for independent research and development costs in negotiated con-tracts, issues and alternatives, GAO devers, issu-tracts, issu-tracts, 5522

report, 5522
contractor report CR (series), 5891–5907
EP series, 5909
metric system study, 5907
NASA operating plan, 1970, hearing, 5257
publications, educational, list, 5908
Saturn V incentive provisions of stage
contracts, 5532
SP series, 5910–16
technical notes, 5917–75
technical reports, 5976–79

technical reports, 5976-79 technical translation, 5980

library list, 5983
Pesticides Information Center, DDT (1,1-dichloro-2, 2-bis (P-chlorophenyl) ethylene), list of references, 5983
National Air Pollution Control Administration

tion:

abstracts bulletin (periodical), 5985 publication AP series, 5986-91 publication APTD series, 5992 National Air Surveillance Networks quality data, 5992 Networks, air

quality data, 5992
National Archives, microfilm publications, pamphlet accompanying, 5995
National Bureau of Standards:
Separation and Purification Section, summary of activities, 6007
special publications, 6001–5
standard reference materials—
analysis of interlaborations measure

standard reference materials—
analysis of interlaboratory measure—
ments of vapor pressure of gold, 6003
boric acid, isotopic, and assay, 6002
catalog and price list, supplement, 6001
technical highlights, annual report, 6006
technical publications, 6011
tional Central ace District of Columbia.

National Capital, see District of Columbia. National Citizens Conference on Rehabilitation of Disabled and Disadvantaged, legal rights of the disabled and disadvantaged, 6164

National Commission on Materials Policy, hearings, 5280

National Commission on Product Safety, appropriations, 1970, report, 5254
National Commission on Reform of Federal mediation functions, tra

Laws, appropriations, Criminal report, 5104
National Commission

ational Commission on Transplantation and Artificial Organs, establish, hearings,

Union Administration, National Credit establish, report, 5125

National defense:

ational defense:
air defense of southeastern United States,
report of subcommittee, 5143
education act of 1958, awards for modern
foreign language and area study, 5345
inventions relating to, patents, safeguarding secrecy, agreement with other goving secrecy, agreement with other gov-ernments, revision, 6228 joint defense space communications sta-

tion, agreement with Australia, 6230

mobilization report, 5196 program and budget 1971, statement, 5323 National economy, see Economic conditions. National Education Commission, establish,

hearings, 5156
National electric rate book, 5432-33
National emergency labor disputes, 5093
National Firearms Information Cent

establish, hearings, 5271
National Foundation for the Arts and the Humanities, appropriations, 1971, increase, proposal, 5071
National forests:
code of Federal regulations, 5456

resolutions adopted in 1969 by American National Cattlemen's Association, Na-tional Wool Growers Association, and State livestock associations, Forest Service comments, 5488 National Guard:
Army, on-site air defense units, training,

6023

members, claims for erroneous payments of pay and allowances, waiver, amend U.S. Code, report, 5116 National Guard Bureau: Chief, grade of lleutenant general, pro-vide, report, 5120

pamphlet, 6023

National health survey, vital and health statistics, 6013-16

National Heart Institute:

Artificial Heart Program Conference, proceedings, 6024 authorization and mission, organization and programs, etc., 6031
National Highway Safety Bureau, priorities seminar, expectations and limitations, background and supports.

National Institute of Dental Research: directory of U.S. facilities providing cleft Ilp.and cleft palate services, supplement, 6039

grants and awards, 1968 funds, 6036

grants and awards, 1968 funds, 6036
National Institute of Education, create,
message from the President, 5094
National Institute of General Medical
Sciences, training programs, effects on
graduate education in biomedical sciences,
evaluative study, 6040
National Institute of Mental Health, support

programs, 6047
National Institutes of Health, associate training programs, medical and biological science, 6052
National labor relations act, see Industrial

relations.

National Labor Relations Board appropriations, 1970, report, 5254 decisions and orders, bound volume, 6055

National Liberation Front, American prisoners of war held, humane treatment and release, report, 5249
National Library of Medicine, services, etc.,

6056

appropriations, 1970, report, 5254 mediation functions, transfer to Federal and Conciliation Service, pro-Mediation posal, 5093

National monuments and memorials, code of Federal regulations, 5456 National Museum, bulletin, 6057 National Park Service, Lincoln, Lee, and American Civil War, publications list, 6130

National parks, code of Federal regulations, 5456

National poultry improvement plan, see Poultry.

Railroad National Railroad Adjustment Board, abolish, proposal, 5093 National Railway Labor Conference, railway National

National Railway Labor Conference, railway labor-management dispute, temporary strike prohibition, law, 5062
National resources, Resource recovery act of of 1969, hearings, 5280
National Science Board, NBS series, 6071
National Science Foundation:
grants and awards, 6068
Mosaic (periodical), 6070
National security:
Government operations study expenses

National security:
Government operations, study, expenses, report, 5215
internal security laws, etc., investigation, expenses, report, 5226
management, correspondence courses, Industrial College of Armed Forces, information booklet, 5721
oil import question, relationship to, 6125
sec also National defense.
National Shipping Authority, current regulations, index, 5837
National Space Science Data Center, NSSDC series, 5981

series, 5981 National Society of Daughters of American

National

ational Society of Daughters of American Revolution, annual report, 5185 ational Special Industries Commission, establish, proposal, 5093 ational Transportation Safety Board, annual report, 1968, correction sheet, 6076 ational Visitor Center, study commission National National

report, 6078 National Visitor Center Study Commission,

National Visitor Center States report, 6078 National Wool Growers Association, Forest Service comments on resolutions relating to National Forest System as adopted in 1969, 5488 NATO, see North Atlantic Treaty Organiza-

tion

Natural gas, see Gas.

Natural History Museum, annual report, 6058

Natural resources: Great Lakes Basin water and related resources, institutions concerned survey, 5570

resource bulletins, 5517-19 resource publications (series), 6208
Resource recovery act of 1969, hearings,

Naturalization, investigation,

report, 5224 Nautical charts see Maps and charts. education, rate training manuals, 6089-91

Naval Oceanographic Office, publications series, 6081-87

Naval Research Laboratory receiving system, design of digital control unit, 6098 report series, 6098-6110

Naval Reserve, officers, serving on selection boards, increase number, law, 5058 Naval Safety Center, Fathom (periodical),

6079

aval Submarine Medical Center, reports, 5843-46 Naval vessels, see Shrps.

Navy:

battleship in U.S. Navy, 6088
medical statistics, 1964, 5842
naval flight officers, to be eligible to command certain naval avlation activities, amend, U.S. Code, law, 5057
rate training manuals, 6089-91

see also Uniforms.

industrial facilities construction at Government-owned plants without disclosure to Congress, GAO report, 5527 submergence rescue vehicles, evaluation needed of cost-effectiveness of 4 more before purchase, GAO report, 5529 NBS, *ee National Bureau of Standards. Nearctic region, Ogilius Haliday (Hymenoptera, Braconidae), 6157 Nebraska, census of business, 1967, major retail centers, standard metropolitan statistical areas, 4910 Need boat insurance? make seal of safety your policy, 4978 industrial facilities construction at Gov-

your policy, 4978
Negotiation, international, Communist doctrine and Soviet diplomacy, observations, 5265

Negroes, Negro market, information sources, Nehmer, Stanley, remarks, Feb. 4, 1970,

1988
Neighborhoods, center programs in rural community action agencies, study, 5336
Nelson County, Va., Roseland district, rutile and ilmenite placer deposits of area, 5544
Nemeth, Zolton N., dynamic behavior of air lubricated pivoted-pad journal bearing-rotor system, 5972
Neotropical region Neotropical squamata.

Neotropical region, Neotropical squamata, catalogue, 6057
Netherlands Antilles, economy, basic data,

Nets, new "live car" improves catfish harvesting and handling, 5006
Neurobionics, see Bionics.

Neutron spectrum, see Spectra.

Neutrons

irradiated 12Ni-5Cr-3Mo irradiated mar-aging steel plate and companion weld metals, behavior of mechanical propertles, 6103

neutron-embritted pressure vessel ste Charpy-V shelf energy degradation a yield strength increase, trends, 6110 pressure vessel steels,

yield strength increase, trends, 5110
neutron-energy and spectrum effects upon
radiation embrittlement of steels, damage-function analysis, 6099
New Hampshire, lead-zinc-silver deposits related to White Mountain plutonic series,
5542

5543

New Jersey, graduated work incentive experiment, preliminary results, 5334

New Mexico:

postal map, 6123 wilderness, designate, certain lands, hearings, 5268 New York City

homework helper program, compensatory education, 5351 student health project, 5589

New York State:
mineral industry, minerals yearbook chap-

ter, 5865 water pollution on Lake Erie and its trib-utaries, etc., conference proceedings, 5469-70

Newborn, see Infants. Newkirk, William D., establishing business Newkirk,

in Ghana, 5002
Newspapers, see Liberty of press.
Newton, E. H., survey of materials behavior in multistage flash distillation plants,

5625 Newton-Raphson-conjugate-gradient nique for calculation of exisymmetric buckling of shallow spherical shells with variable edge constraint, 5957

Nickel: solvent extraction from waste phosphate

solvent extraction from waste phosphate solution, 5874 tungsten alloy fiber-nickel-base alloy composites for turbojet engine applications, preliminary evaluation, 5926 Nickel isotopes, nickel-58 reaction, alphagamma angular correlations, 5928 NIDR, see National Institute of Dental Research.

Niederfrank, E. J., keeping up with change in rural society, 5415 Niger, economic trends and their implica-tions for United States, 5711

Nigeria, mineral industry, minerals yearbook chapter, 5866 NIGMS, see National Institute of General

Medical Sciences.
NIH. see National Institutes of Health
NIMH, see National Institute of Mental Health.

Nineteenth century wage trends, 5820
Nisqually Glacier, Mount Rainer National
Park, analysis of 24-year photographic
record, 5554
Nitrates, see Hydrazine nitrate.

Nitrogen oxide: control techniques, em mobile sources, 5989 emissions from-

module sources, 5989
stationary sources, 5990
NLRB, see National Labor Relations Board.
NMB, see National Mediation Board.
Nocturnal radiation loss estimates for forest
canopy, 5503
Noise:

Noise

Noise:
from axial-flow compressors, effects of inlet-guidevane configuration and relative
blade velocity, 5922
subsonic jet flyover noise and sonic booms,
effects on skeletal muscle tension and
paced tracing task, 5902
Nomenclature, see subjects.
Nonprofit organizations, tax-sheltered annuity plans for employees, 5689
North America, climate and regional variations in snow cover density, relationships,
5363

5363

5363
North Atlantic Treaty Organization:
doing business with NATO, how U.S. companies can participate, etc., 4900
making available by United Kingdom and
United States armed forces of accommodation to International Military
Headquarters in Germany, agreement, 6232

status of forces agreement, criminal jurisdiction operations, report, 5205
North Central Region, see Central States.
North Dakota, census of governments, 1967, State reports, 4922
North Korea, see Korea.
North Pacific Ocean, see Pacific Ocean.
North Pacific Ocean, see Pacific Ocean.
North Vietnam, see Vietnam.
Northeast (U.S.):
sllvicultural guide for northern hard-

Northeast (U.S.):
silvicultural guide for northern hardwoods, 5512
Northwest (U.S.):
Pacific Northwest
forest pest conditions, 5486

pulp and paper industry, 5489 Norway :

economic trends and their implications for United States, 5710

foreign trade regulations, 5001
Novotny, Donald J., competition for w
wheat markets and U.S. exports, 5477 Nozzles

fully truncated plug nozzle with translat-ing shroud, effect of plug base contour on performance, 5950 inlet in test of single-tube-in-shell water

boiler, 5948
NPIP, see Poultry.
NRL, see Naval Research Laboratory. NSB, see National Science Board.

Nuclear energy, see Atomic energy.

Nuclear explosions :

nuclear detonations for peaceful purposes, approaches to calculation of limitation,

papers, 5384

Palanquin Event, quantitative postshot distribution of close-in fallout, throwout, and base surge, 4894

Project Rulison, post-shot plans and evaluation, 4888 underground, mechanical effect, USSR

study, 4874 see also Atomic blasting. Nuclear fuel, see Reactor fuels.

Nuclear instrument modules, standard, specifications, 4891

Nuclear reactions, controlled thermonuclear synthesis research, 1957-68, development

in Ukraine, 5777
Nuclear reactor powerplants:
LMFBR, liquid metal fast breeder reactor,
plant safety analyses, 4879 nuclear powerplant safety on ships, USSR study, 5737 prelicensing antitrust review, hearings, 5063

Tarapur Atomic Power project, India, dedi-cation (remarks), 4899 Nuclear reactors, see Reactors (atomic). Nuclear science, abstracts, serial titles cited, list, 4890

Nucleation, see Phase studies. Numerical calculations:

Numerical calculations:
calculating compensating reflector in tworeflector antenna with circular symmetry, USSR study, 5759
comparison of triangular, polygonal, and
statistical method of computing grade
and tonnage of ore for Silver Bell Oxide
porphyry copper deposit, 5873
viscous compressible fluid flow around stationary cylinder, 5893
Nurseries (horticulture), see Forest nurseries.

eries.

Nurses and nursing: diabetes guide for nurses, 6145 nurse training— special project grants for improvement, 5586

title 2, Health manpower act, 5579 nurses, assistants, ward clerks, they're ready to work in your hospital, 5815 nursing scholarship program, career infor-

mation, 5581 nursing scholarships and student loans, information for schools, 5582

nursing schools, construction grants, 5574 nursing student loans, repayment, deferment, and cancellation, guide, 5575

personnel, health manpower source book, 5576

professional traineeships, 5583 short-term training courses, 5585

public health nurses, number, educational preparation, etc., 5580 schools of nursing, institutional grants,

5578

Nursing, see Nurses and nursing.

Nursing homes:

FHA-assisted nursing homes, survey, 5611 publications, price list, 6132

Nutrition:

and dental health, research explores, 6037 Child nutrition act of 1966— meals for needy children, provide tem-

porary emergency assistance, report, 5251

strengthen and expand, report 5200 nutrition and human needs, national survey, hearings, 5278

Nutrition and Human Needs, Select Committee on, Senate: hearings, 5278

Nutrition and Human Needs—Continued investigations and studies, lack of food, medical assistance, and other related necessities of life and health, authorization, report, 5239
Nutrition, Child National Advisory Council on, see National Advisory Council on Child Nutrition

Child Nutrition. Nyrop, Richard Rwanda, 4863 F., area handbook fer

OAA, see Old age assistance.
Oak, oak forests of Lake States and their management, 5508
Oakridge, Oreg., flood protection project,
Lane County, 6186
OASDHI, see Old-age, survivors, disability,
and health insurance.
ORD register 4089, 5009

OBR series, 4889-5002
Obscene matter, radio and television programming, hearings, 5258 Occupations:

career development program, need for community involvement (address), 5605 career information-

health professions, student loan pro-gram, 5577 nursing, scholarship program, 5581

career opportunities

career opportunities—
internal revenue aide, 5634
past is prologue [qualifying you for IRS], 5657
physicians, Air Force hospitals, 4839
VISTA Lawyers, 5332
career thresholds, educational and labor market experience of male youth, 5812
information communication, suggested

curriculum guide, 5352 job finding techniques for mature women, 6284

occupational safety aid, OSA LS series, 5819

Ocean: importance to Nation's future (remarks), 5838

man's challenging environment, the seas (remarks), 5427

oceanic education, dynamic key to mari-time progress (remarks), 5425 periodic sea waves, use in analyzing theory of scatter of HF radio ground waves,

Ocean transportation, see Shipping.

5392

Oceanography:

Deep Sea Drilling Project, leg 2 of cruise
of drilling vessel Glomar Challenger,
Hoboken, N.J., to Dakar, Senegal, 6069
EQUALANT surveys, tropical Atlantic
tuna larvae collected, 5010

fishery oceanography, 5009 oceanic education, dynamic key to mari-time progress (remarks), 5425 OCS, see Criteria and Standards Office.

OCS, see Criteria and Standards Office.
Odonata, see Flies.
OEO, see Economic Opportunity Office.
Office of Economic Opportunity, see Economic Opportunity office.
Office of Small Town Services, see Small Town Services Office.
Office workers, clerical, pay, national survey,

5822

cers belong.
OGO, see Orbiting Geophysical Observatory.
Ohlo:

nio:

Bedford shale, Berea sandstone, and Sunbury shale, age, 5541
county business patterns, 4932
Hill Country, timber resources, 5518
storm damage inspection, hearings, 5175
water pollution on Lake Erie and its tributaries. etc., conference proceedings, 5469-70
West Virginia-Ohio air pollution control compact, consent of Congress, report, 5203

Oil, see Petroleum. Oil shale, research, 1967-68, by Bureau, 5853 Mines

Oils:

production, consumption and factory and warehouse stocks, current industrial re-ports, 4936 vegetable oil crushers, current industrial reports, 4937

O'Keefe, Daniel A., selection of anode materials and operating conditions for electrowinning beryllium, 5880 Oklahoma:

population, estimates, 4947 counties. Field, geology and ore deposits, 5549 Oklahoma City, Okla., area wage survey,

Old age assistance, cost standards for basic needs and percent of standards met, 6021 Old-age, survivors, disability, and health in-surance, automatic adjustment of earn-ings base, 6166

Older persons, see Aged.
Olson, Grant, foreign trade regulations of
Norway, 5001

Olson, James J., mine roof vibrations from underground blasts, 5872 Olson, Robert A., geologic hazards and pub-lic problems, conference proceedings, 5362 Olympic games, hold 1976 summer and win-ter games in Los Angeles, Calif., and Den-ver Colo. welcome athletes and delogra-

ver, Colo., welcome athletes and delega-tions, law, 5050

On forecasting systems, 5748
Opacity, probability distribution functions
for carbon monoxide at elevated temperafunctions tures, 5977

Opinions, see names of courts, etc., rendering opinions.

otical communication, space applications. workshop proceedings, 5912 Optical

Optical measurements:

on board, simple method of using to pre-dict orbit established after lunar-ascent-transfer orbit, 5937 optical crossed-beam method, use for

turbulence measurements in supersonic, shock-free jets, 5917

Optical systems: coherent. Fourier transform representa-tion of ideal lens, 5976

tical altimeter receiver systems study and design for spaceborne laser altime-

ter, 5901 Optimal con ptimal control, adaptive random-search algorithm for implementation of maximum principle, 5947

Orbiting Geophysical Observatory, OGO program bibliography, supplement, 5981

Orbits:

Orbits:
Intercomparison of minitrack and optical tracking networks using GEOS I longare orbital solutions, 5919
Iunar-ascent-transfer orbit, simple method of using onboard optical measurements to predict orbit established, 5937
Orders, see names of departments, etc., issuing orders—also subjects.
Oregon, wilderness, designate, certain lands, hearings, 5268

hearings, 5268 Ores:

Picher Field, Okla. and ore deposits. Kans., 5549 principles of leaching

principles of leaching valuable components from ores, USSR study, 5795
see also names of metals or minerals.
Oresund, sailing directions, change, 6082
Organic compounds, organic solvent, emissions from stationary sources, control techniques, 5991
Organizations

Organizations, tax exemption, how to apply, 5645

see also Nonprofit organizations. Organized crime, see Crime and criminals. Orgilus Haliday, see Wasps.

ORO, see Regional Operations Office.
Oscillations, liquid, damping of, in rectangular tanks, effect of wall roughness, 5973
Oscillators, NRL receiving system, design of digital control unit, 6098

Osmosis: reverse

oriented cellulose membranes for, and relationship between morphology and salt rejection, 5622 polymer membranes,

determination polymer memoranes, determination of surface and colloidal conditions which can lead to high salt rejection, 5614 porous glass membranes, research, 5621 Ostmark, H. Eugene, chemical control of Arizona 5-spined ips, 5502

Ostracoda, see Crustaceans.

Outer space: activities of Federal departments, etc., vestigation, authorization, report, 5243 aerospace structural materials, conference

proceedings, 5915 simulation of Pokker-Planck equation by random walks of test particles in veloc-

random whits or test particles in velocity space with application to magnetic mirror systems, 5962

see also headings beginning Space.
Ovens, microwave ovens and the public, radiation exposure overview, 5382
Overgous acc

ation exposure overview, 5382
Overcoats, see Coats,
Oversea service, uniformed services personnel overseas cost of living allowances, affirming computation, report, 5126
Overseas business reports, 4989-5002
Overtime, see Hours of labor.
Oxidation:

oxidation. radiation-initiated emulsion 4893

roasting of chalcocite concentrate, 5875 Oxides, see Oxides by names, e.g., Nitrogen

Oxidizers, see Oxidizing agents.

Oxidizing agents, photochemical oxidants, air quality criteria, 5987 Oxygen, basic oxygen steelmaking, evalua-tion of variables, 5879

PA series, 4823-24 Pacific Islands, South, mineral industr minerals yearbook chapter, 5867 Pacific Northwest, see Northwest (U.S.). industry,

Pacific Ocean:
North, SS Panoceanic Faith foundering
with loss of life, marine casualty report,

Pacific salmon, ocean salinity and distribution, fishery oceanography, 5009 western, lights and fog signals, list, change, 6086
Pacific slope basins, see Pacific states.
Pacific States, Pacific slope basins, surface waters, quality, 5567
Packaging, aeronautical and space systems, equipment and associated components, requirements, 5982
Packing, see names of articles packed.

Packing, see names of articles packed. Paint, census of transportation, 1967, modity transportation survey, st Paint, census modity tra group, 4925 Pakistan: shipper

agricultural commodities, agreements. 6245, 6252

East-5 inland ports, review of feasibility, sum-

5 inland ports, review of feasibility, summary of findings, 6265
Port of Chittagong, economic analysis of proposed reconstruction of jettles 1 through 6, final report, 6264
naval vessel loans, extend, report, 5123
Palanquin Projects, see Project Palanquin (plowshare program).
Paleontology, contributions to paleontology (series), 5550, 5558

Paleontology, contributions to paleontology (series), 5550, 5558 Pamphlets, see names of departments, etc.,

issuing pamphlets.

American Highway, Darien Gap, con-ruction, U.S. cooperation, authorize, Safeguarding of s Pan

Pan American Highway, struction, U.S. cooperation, authorize, hearing, 5174

Panels and paneling:
titanium-alloy skin-stringer panels, influence of salt and elevated-temperature exposure on maximum compressive strength, 5961

wood-base panel products, rail shear test for evaluating edgewise shear properties,

Panoceanic Faith SS, foundering with loss of life, Oct. 9, 1967, marine casualty report.

Paper: and allied products, census of transporta-tion, 1967, commodity transportation survey, shipper group, 4924 Government specification standards, 5183

industr

and Northwest, 5489 machinery, trade and tariff information summaries, 6262

Parachutes: aerial pick up, delivery, and recovery. Fed-eral item identification guide, 5309 airdrop, remote area refueling system, Army technical manual, 4867 Paraguay, foreign trade regulations, 5000

Parameters: extinction, of hot seeded hydrogen at atmospheric pressure, measurement measurements. 5896

four dimensional, in single plane, presentation of errors, 5386

Parasites freshwater fishes, 6203, 6205-6

internal parasites of hogs, preventing and controlling, 4811 Parents, tax information for students and

parents, 5672

Parg, Chul, polynomial method for determining local emission intensity by Abel inversion, 5968

Parks, see National parks. Particles :

hot seeded hydrogen at 1 atmosphere pressure, measurements of extinction parameters, 5896

nonlinear particle-wave interaction in plasma, introduction to statistical the-

ory, 4877
particle-seeded gases, theoretical calculation of radiant heat transfer properties, 5897

oswi simulation of Fokker-Planck equation by random walks of test particles in veloc-ity space with application to magnetic mirror systems, 5962 Partnerships, income and losses, tax infor-

mation, 5684

Passer, Harold C.:

remarks—
Feb. 25, 1970, 5005
Feb. 26, 1970, 5003
Passports, United States, fees charged by foreign countries for visa, list, 6218 for chal-

Past is prologue [qualifying you in lenging position with IRS], 5657 Pasteurization, pasteurized food, 90-day sub-acute oral toxicity studies on radiation,

4892 Pasture lands, see Grazing.

Patent examiners, manual of procedure, change notice, 6116

Patent Office:

administration, investigation, expenses. report, 5228 annual report, 6114

classification definition series, 6112-13 Patents:

classification manual, 6115

examining procedure, manual, change notice, 6116 laws, investigation, expenses, report, 5228

lating to defense, agreement with other governments, revision, 6228

your stake in our patent system (address), 6117

Patients:

activities, supervisor's guide, long-term care facilities, 5016 clinical center, NIH referral procedures,

medical malpractice, patient versus the physician, study, 5266 State and county mental hospitals, provi-sional movement, 6046

of industrial growth (series), 4903 - 4

4903-4
Patterson, W. L., preliminary community and regional water supply data in support of desalting plant projections, 5628
Paul, Fred W., prevention of electrical breakdown in spacecraft, 5911
Paule, Robert C., analysis of interlaboratory measurements of vapor pressure of gold,

6003 rigid,

Pavements, for airfields other Army, Army technical manual, 4866
Pay, see Salaries,
Pay, allowances, etc.:

Armed Forces

allotments to savings for prisoner, of war, etc., during Vietnam conflict, war, etc., during Vietnam waive \$10,000 limitationlaw, 5059

report, 5209 licensed vendor listing. Post Office Dept., uniform allowance program, 6120 sick pay adjustments to income, tax in-

formation, 5632

uniformed services— and National Guard members, claims for erroneous payments, waiver, for erroneous payments, waiver, amend U.S. Code, report, 5116 overseas cost of living allowances, affirming computation, report, 5126 ayne, Joseph E., fr., basic data on economy of Bolivia, 4989 ayroll savings see Series

Payroll savings, see Savings bonds. Peabody. Malcolm E., jr., address, Feb. 10, Peabody, Ma 1970, 5592

Peace: new strategy, foreign policy of U.S., for

departmental edition,

departmental edition, 5129 document edition, 5089 Peace Corps, appropriations, 1970, law, 5053 Peanuts, farmers' stock, cost of storling and handling in commercial facilities, 5340 Pears, pasteurized, 90-day subacute oral toxicity studies on radiation, 4892 Pediatrics, see Children.

Pellets, prereduced from ore pellets, prepara-tion, properties, utilization, 5848 "Pembroke" album of chiaroscuro woodcuts,

Penaeid shrimps, see Shrimps. Penalties, criminal, under Sherman antitrust

Peniciss, criminal, under Sperman antitrust act, increase, report, 5109

Penicillin, semisynthetic, action on plague microbe, USSR study, 5783

Pententiaries, national, investigation, expenses, report, 5229

Pennants, see Flags.

Pennsylvania:

Bedford shale, Berea sandstone, and Sun-bury shale, age, 5541

pollution on Lake Erie and its tributaries, etc., conference proceedings, 5469-70

Pensinger, Mrs. Charles W., relief, 5047 Pensions:

District of Columbia teachers retirement amendments of 1970, report, 5133

military retired pay, recomputation, authorize, report, 5121

Pensions-Continued pensions for displaced defense workers, 4845

4845
publications, price list, 6132
self-employed individuals, retirement
plans, tax information, 5663
UMWA's welfare and retirement fund,
improper administration, investigation
and study, report, 5252
welfare and pension plans disclosure act,
administration, 1969, report of Secretary of Labor, 5808
see also Civil service pensions—Retirement

ment.

Perennials, flowering, growing, 4813 Performance tests (engineering, mechanical,

performance of components, buildings. etc., concept and measurement, 5996 pulse-width-modulated 2.5 kVA static in-verter, design analysis and perform-

verter, de ance, 5929 plumbing fixtures,

sanitary performance characteristics, investigation, 5999
Perishables, see Agricultural products.
Permanent Subcommittee on Investigations, see Government Operations Committee,

Senate.

Persian Gulf, lights and fog signals, list, change, 6086

Personal property, credit sales by dealers in personal property, tax information, 5639 Personnel management, see Administrative management.

Personnel manual, see Civil service. Persse, Franklin H., bismuth in United Persse. States, 5850

Peru:
economy, basic data, 4992
Peru-Chile trench, presence of Ostracoda
(Myodocopina), 6158
Pesticides, manual, analytical, 5472
Pesticides Information Center, National
Agricultural Library, DDT (1,1-dichloro-2,
2-bis (P-chlorophenyl) ethylene), list of
references, 5983

forest pest conditions in Pacific Northwest, 5486
forest pest leaflets, 5487
Peterkin, Betty, dietary levels of households
in North Central region, 4816

Peters, James A., catalogue of neotropical squamata. 6057
Peterson, Melvin N. A., covering leg 2 of cruises of drilling vessel Glomar Challenger, Hoboken. N.J. to Dakar, Senegal, 6069

Petrasek, Donald W., preliminary evaluation of tungsten alloy fiber-nickel-base composites for turbojet engine application, 5926

Petroleum :

international petroleum annual, 5857 oil import question, report on relationship to national security, 6125

products survey series, 5870 Project Seacoke, investigation of process for deriving oil from coal, etc., 4974 research, 1967-68, by Mines Bureau, 5853 ade. Canadian oll exports, arrangement, 6244

Petroleum Exposition, International, see In-ternational Petroleum Exposition. Petroleum products, see Petroleum.

Petrology, see Rocks.
Pharmaceutical industry, see Drugs.
Pharmaceuticals, see Drugs.

Pharmacology, pediatric, conference, proceedings, 5474

Phase studies

kinetics of ice nucleation from water and electrolyte solutions, 5617

secondary nucleation of ice in suspension of crystals in turbulent, cylindrical couette flow, 5616

Phelan, Thomas, field guide to cidaroid cchinoids of northwestern Atlantic Ocean, Gulf of Mexico, and Caribbean Sea, 6161 Philadelphia, Pa., student health project,

Philadelphia Plan, congressional oversight of administrative agencies (Labor Department), 5273

Philippines: Myodocopid 6160 Ostracoda (Cypridinacea).

of the saling directions, change, 6085
Philosophy, problems, USSR study, 5764
Phipps, Howard M., germination of several tree species in plastic greenhouses, 5493

Phosphates:

Il reserved interests of U.S. in lands located in Highlands County, Fla., to coord owners of surface, report, 5106 aste solution, solvent extraction of waste nickel and zinc. 5874

nickel and zinc, 5874
Photochemistry, photochemical oxidants, air quality criteria, 5987
Photoelectricity:
accumulator with photo-electronic signal selection, USSR study, 5756
photoelectric tracking systems, USSR

study, 5791 Photographs, Nisqually Glacier, Mount Rainier National Park, analysis of 24-year

Ranner National Park, analysis of 24-year photographic record, 5554
Physical measurements (body measurements), see Anthropometry.
Photography see Aerial mapping—Aerial photography—Color photography.
PHS, see Public Health Service.

Physical geography, physiographic develop-ment of Quadrilatero Ferrifero, Minas Gerals, Brazil, 5556 Physical sciences, see Science.

Physicians:

Air Force, more than 100 Air Force hospitals around the world, waiting for you! 4839

Georgia, honored, 1969 list, USSR study, 5760

medical malpractice, patient versus the physician, study, 5266 rotating psychiatric internship training, 6049

Physics, reactor shielding problems, USSR study, 5754
Physiography, see Physical geography.

Physiology:

Physiology: computer technology, USSR study, 5726 physiological information, methods of col-lecting and analyzing, USSR study, 5787 Picher Field, Okla, and Kans., geology and ore deposits, 5549 Pictures, see Aerial photography. Pigeons, band-tailed, habitat management,

6181

Pilot t plants, tests and design study of 2.5 horizontal-tube multiple-effect plant, 5615
see also Subjects.
Pilots and pilotage, see Aviators.
Pinch, see Plasma.

lodgepole, board-foot volumes to 6-inch top in Colorado and Wyoming, 5505 ponderosa-

past diameters in northern California, estimating, 5501 seedlings root competition with grass, 5516

relation of snowpack accumulation to red pine stocking, 5495 seedlings respond to liming of acid strip-

mine spoil, 5498 southern, nursery diseases, 5487 white, specific gravity and wood moisture variation, 5496

Pine Valley quadrangle, Nev., nonmarine os-tracodes of early Cretaceous age, 5557 Pits, see Quarries and quarrying.

5544

semisynthetic

Plague, microbe, action of semisyn penicillins, USSR study, 5783
Planagan, Albert J., foreign trade retions of United Arab Republic, 4999
Planatary microbases

Planetary missions, see Planets.

Planets Mariner-Mars 1969, preliminary report, 5914

planetary limb radiance profile as factor in

determining atmospheric temperature profiles, 5899
Planners, see City planners.
Planning (economics), see Economic policy.
Planning (programming), see Programming (planning)

(planning). Plans, see Architecture. Plant diseases, see Diseases of plants. Plant Materials Center, Quicksand, Ky., an-nual technical report, 6188 Plantation timber of Island of Mauri, 5519

Plants: decorative, indoor gardens, care and other

uses, 4814 gold content, 5547

chemistry ser protection, new means, chemistry series, no. 10-11, 1969, USSR study, 5775 quarantine import requirements, Guernsey, 4804

4804
Plants (industrial):
construction of industrial facilities at
Government-owned plants without disclosure to Congress, by Navy Dept. and
Air Force Dept., GAO report, 5527
multi-stage flash distillation plants, survey
of materials behavior, 5625
2.5 MGD horizontal-tube multiple-effect
plant, pliot plant tests and design-study,
5615
2.5 million gallon per day universal de-

2.5 million gallon per day universal desalting plant, universal design, report, 5631

see also types of industrial plants. Plaque, see Dental plaque.

Plasma:

lasma:
confinement in closed magnet systems, conference proceedings, USSR study, 4883
current plasma in toroidal systems, equilibrium and stability, 4875
density, extension of range of measurements by means of laser interferometer with phase modulation of visual signal, 4869 4869

forming high-frequency fields in devices.

plasma, 4873
diagnosis, and radio blackout alleviation
results from 25,000 foot per second

blunt-body reentry, 5934 induction heating, measurement of gas con-centrations, etc., in binary plasma system, 5903

tem, 5903
ions, turbulent heating during development
of electron-acoustic instability, 4870
nonlinear particle-wave interaction, introduction to statistical theory, 4877
stimulated emission in argon pinch discharge, detection and investigation, 4876
Plass, William T., pine seedlings respond to
liming of acid strip-mine spoll, 5498
PLASTEC reports, 5321
Plastic strains, see Strains and stresses.
Plastic stresses, see Strains and stresses.
Plasticity, shock wave propagation in inhomogeneous elastic-plastic media, stability of difference approximation, 5365 ity of difference approximation, 5365 Plastics

miscellaneous products, census of trans-portation, 1967 commodity transporta-tion survey group, 4926 PLASTEC reports, 5321 Plastics Technical Evaluation Center, PLAS-

TEC reports, 5321
Plate etch, temper etch inspection, military standard, 5318

Placer deposits, rutile and ilmenite, Roseland | Plateris, Alexander A., children of divorced district, Nelson and Amherst Counties, Va., couples, U.S., selected years, 6018 Plates:

flat

nonadiabatic, direct measurements of turbulent skin friction at Mach num-ber 6.5 and comparisons with 8 theories, 5966 single turbulent air jet impinging on flat plate, survey of literature on flow characteristics, 5949 neutron irradiated 12Ni-5Cr-3Mo maraging steel plate and companion steel metals.

neutron irradiated 12N1-otr-300 marging steel plate and companion steel metals, behavior of mechanical properties, 6103 vibration, 5910 Play, organizing free play, program manual and study guide, 4953 Plotters, subroutine for meteorological straight line flight data (SLENDER), 5387

Plugs

inlet-region, in test of single-tube-in-shell water boiler, 5948

water boiler, 5948
plug base contour effect on performance of
fully truncated plug nozzle with translating shroud, 5950
Plum Creek, subwatershed No. 4, Shelby
County, Ky., sedimentation, 5564
Plumbers' supplies, sanitary plumbing fixtures, performance characteristics, investigation. 5999

tigation, 5999 'lumbing fixtures, see Plumbers' supplies.

Plywood:

hardwood, current industrial reports, 4938 imports, 4906

PM (series), 5813 PMG series, 5291-92

Podesta, Robert A., address, Feb. 27, 1970, 5325

Point Reyes National Seashore, land acquisi-tion, appropriation of additional funds, authorize, reports, 5105, 5114 Poisons:

isomers of cresol as possible fish-collecting aids, possible toxicities, 6207

aids, possible toxicities, 6207
90-day subacute oral toxicity studies on
radiation, pasteurized food, strawberries, apples, and pears, 4892
toxicity of hyamine 3500 to fish, 6207
Polar regions, see Arctic regions.
Pollution of air, see Air pollution.
Pollution of streams, see Water pollution.
Pollution of water, see Water pollution.

Polymers and polymerization

polymers and polymerization; polymer membranes determination of sur-face and colloidal conditions which can lead to high salt rejection, reverse os-mosis, 5614 weatherability of copolymers and terpol-

ventherability of copolymers and terporymers, 5321

Polynomials, method for determining local emission intensity by Abel inversion, 5968

Polystyrenes, weatherability, 5321

Poncha Springs, Colo., NE quadrangle, Chaffee County, geology and mineral deposits,

Ponderosa pine, see Pine.

Poor :

nutrition and human needs, national sur-

vey, hearings, 5278
poverty amid plenty, American paradox,
report of President's Commission on
Income Maintenance Programs, 6126

Pope, Jimmie R., relief, 5049 Population:

current population reports-

Federal-State cooperative program for population estimates, 4946-47 population characteristics, series, 4941-

population estimates, series, 4944-45 special censuses series, 4948 technical studies, 4943

educational attainment, 4941

explosion, problems, etc. (address), 5590 Hawaii counties, July 1, 1967 and 1968 estimates, 4946

Population—Continued
International reports, 4950
Spanish-Americans, Nov. 1969 sample survey, preliminary data, 4942
special censuses conducted by Census Bureau, summary, 4948
United States, estimates, 4944-45
USSR, by age and sex, 1969-90 projections, 4950
see also Rural population—also names of of States.

of States.

Porous materials, porous glass membranes for

reverse osmosis, research, 5621 Porphyries, Silver Bell Oxide porphyry copper deposit, comparison of triangular, polygonal, and statistical methods of computing grade and tonnage of ore, 5873 Portland, Maine, area wage survey, 5830 Ports, port series, 5372

see also names of ports or places where located.

guese East Africa, Mozambique, min-industry, minerals yearbook chapter, Portuguese eral 5858 Portuguese Guinea, see Portuguese West Africa.

Portuguese West Africa:
Angola, mineral industry, minerals year-book chapter, 5858
Guinea, mineral industry, minerals year-book chapter, 5858
Position classification, see Classification.
Post Office and Civil Service Committee,
House, reports, 5112, 5136
Post Office and Civil Service Committee,
Senate:
investigations and civil

investigations and studies— authorization and continuation, report, 5195

authorization, report, 5237 reports, 5195, 5255 Post Office Department:

Post Office Department:
annual report
departmental edition, 6118
document edition, 5083
licensed vendor listing, uniform allowance
program, 6120
poster, commemorative stamp, 6119
Postpage stamps, commemorative, 6-é Herman Melville Moby Dick stamped envelope
(poster), 6119
Postal carriers, see Mail carriers.
Postal clerks, substitute clerk-carrier,
examination announcement, amendment,
4962

Postal service:

investigation, authorization and continuation, report, 5195
personal checks to pay postal charges,
permit, report, 5255
State research and continua-

State postal maps, 6122-23

Posters

American soldiers, 1775-1965, uniforms, 4850

Department, commemorative Office Post stamp, 6119 Postmaster General, see Post Office Depart-

ment.

Potassium chloride, magnesium electrode in molten mixture of, anolyte studies, 5952 Potatoes:

Potatoes:
marketing orders, law. 5055
National Potato Utilization Conference,
proceedings, 4802
Potential for input-output economics in
1970's (remarks), 5003
Potted plants, see Plants.

Poultry:

Page 154

outry:
blodegrading poultry exercta with house
fly larvae, concept and equipment, 4797
care tips for you, the consumer, 4815
household consumption patterns, 1965,
spring, 5337

inventory, 6257 national improvement plan, hatcheries national and dealers participating, 4798

Pounds, Bonnie A., Ghana, country market survey, 5714

Poverty amid plenty, American paradox, report of President's Commission on Income Maintenance Programs, 6126

Maintenance Programs, 6126
see also Electricity.
Power plants, coal-fired, thermionic topping
converter for, 4975
see also Nuclear reactor power plants.
Power resources, supply and demand, in
United States by States and regions, 1960
and 1965, integrated energy balances and
energy flows, 5849
Powers, Robert F., estimating past diameters
of ponderosa pine in northern California.

ponderosa pine in northern California,

5501 ian period, melasyenite of San Juan Mountains, (Pre-Cambrian Pre-Cambrian period, melasyenite of Ute Creek, San Juan Mountains, Colo., chemistry, petrology, and strontium iso-topes, 5542 Prediction (psychology): probability learning, 1st-order Markov structures of quarternary events, 5971 Prepare with care, how to prepare Govern-ment mail, 5538 Preparing way for new era of advancement

Preparing way for new era of advancement of education (address), 5354 Preschool children, see Children. President of the United States:

messages, see in main alphabet, subject of message.

papers, Lyndon B. Johnson, 5461-62

veto messages— Health, Education, Deand Welfare partment appropriations, 1970, 5073, 5077

President's Commission on All-Volunteer Armed Force, report, 6127
President's Commission on Income Maintenance Programs, report, 6126
President's Council on Youth Opportunity, appropriations, 1970, report, 5254
President's reorganization plans, see Government reorganization

ment reorganization plans.

President's Task Force on Rural Development, new life for the country, report, 6124

Press, see Liberty of press.

Pressure effects on bluff tension-shell distribution

shapes, 5944
helium at pressures to 800 atmospheres
and over temperature range -5°C to
80°C, compressibility data, 5883
1 atmosphere pressure used in measurements of extinction parameters of hot
seeded hydrogen, 5896

Pressure vessels, neutron-embrittled pressure vessel steels, Charpy-V shelf energy degradation and strength increase, trends, 6110

Prevention and Punishment of Crime of Genocide, Convention, see Convention on Prevention and Punishment of Crime of Genocide

Price discrimination, see Prices.

Price lists, see Government publications— also names of departments, etc., issuing lists-also subjects. discrimination, legislation, hearings,

Prices, di 5274 see also names of commodities, etc.

Principle of the maximum, adaptive random-search algorithm for implementation of search algorithm for in maximum principle, 5947

Printer (photographic device):
selective roll-to-roll printer for producing
duplicate microfilm copies, 6009

Printing, industry, machinery, trade and tariff information summaries, 6262
Prints, chiaroscuro woodcuts, "Pembroke" Prints, chiaroscuro woodcuts, album, 5835

Prisms, magnetic fields for 4 x 6 prismatic model, 5560

Prisoners of war, American, held by North Vietnam and National Liberation Front, humane treatment and release, report, 5249

ivate Law, International Institute for Unification, see International Institute for Unification of Private Law. Private

Probabilities (mathematics):
adaptive random-search algorithm adaptive implementation of maximum principle, bibliog-

transition pobabilities, atomic

raphy, 6004 opacity probability distribution functions for carbon monoxide at elevated tem-

peratures, 5977
probability learning, 1st-order Markov structures of quarternary events, 5971
Probes, aerodynamics of Mars entry probelander configurations at Mach 10 number,

Problem solving, geologic hazards and public problems, conference proceedings, 5362 Processing of food, see names of foods

processed.

Processing personnel actions, 4970

Procurement, see Armed Forces—Competi-tion—Defense Department—Military supplies-also names of commodities cured.

Production

central plant concrete mixers, factors af-fecting productivity, 6138 national defense, report, 5196 preharvest research under marketing

agreements, authorize, reports, 5113

research report, 4825
see also names or classes of commodities.
Productivity, see Production.
Professional papers, Geological Survey,

5548-61

Professional workers, pay, national survey, 5822

Professions, education professions development act programs for 1970-71 training projects/fellowships, 5350
Program aid series, 4823-24
Programming (computers), see Computer programs/programming.

Programming (planning)

planning-programming-budgeting system, hearings, reports, and committee prints, compilation, authorize printing, report,

5208
radio and television media,
hearings. 5258
Project Apollo (man-in-space program):
configuration management manual, 5889
Project Early Push, Buffalo, N.Y., 5356
Project Palanquin (plowshare program):
quantitative postshot distribution of
close-in fallout, throwout, and base

Project RULISON, post-shot plans and evaluation. 4888
Project Sencoke, see Coke.
publications, price list, 6132
Powell, Howard E., solvent extraction of nickel and zinc from waste phosphate solution, 5874
Power, Brayton space power system, steady-state analysis, 5964
Propagation:

Propagation :

shock wave propagation in inhomogeneous elastic-plastic media, stability of dif-ference approximation, 5365 underground of radio waves, USSR study,

5781

Propellant tanks, see Tanks (containers).
Propellers, design of light aircraft, NACA and NASA publications, list, 5894 Property:

assets, cost or other basis, tax information, 5676 community, tax information, 5635

Property—Continued donated, valuation, tax information, 5694 sales and exchanges of assets, tax information, 5664 sales and other dispositions of depreciable property, tax information, 5665 tax deduction information for casualty losses, and thefts, 5679 see also Personal property—Public property—Real estate.

Propulsion:

Propulsion: induced effects on aerodynamics of jet/STOL aircraft, review, 5936 subsystems, design of light aircraft, NACA and NASA publications, 5894 Prospecting, aerial electrical prospecting, measurement equipment using natural electromagnetic fields method, USSR electromagnetic study, 5735

Prostheses, maxillofacial prosthetics, inter-professional conference, proceedings, 6148 Protective shelters, fallout, shelter design and analysis, change, 4960

Proton beams: external characteristics of NASA Space
Radiation Effects Laboratory synchrocyclotron, 5921
large-area, established at NASA Space
Radiation Effects Laboratory in energy
range from 31 to 225 MeV, 5920
Protons, proton-induced effects on reflective
surfaces of space mirrors, 5905

surfaces of space mirrors, 5905

Protozoa: Ichthyophthirius multifilis of fishes, 6203 Microsporida of fishes, 6205

Psychiatry:

drug treatment, 6276 rotating psychiatric internship training,

6049

Psychoacoustics:

yenoacousuces; calibration of earphones, differential sen-sitivity for alternate interaural loud-ness balancing, 5846 calibration of earphones, efficient mon-aural procedure, 5845 weakplown modelling of the parche, USSE

aural procedure, working aural procedure, working study, 5740
Psychology, modeling of the psyche, USSR study, 5740
Psychometrics, algorithms for psychometric calculations (skeleton tables for thermodynamic properties of moist air), 5998
Public assistance:

Public assistance:
federally aided income maintenance programs, facts, 6020
medicald and other medical care financed from, 1951-69 statistics, 6019
Public Broadcasting Corporation, appropriations, 1970, report, 5254
Public contracts, see Government contracts, see Government is the first first

Public Documents Division, price lists, 6131-Public funds:

accumulation funds of USSR, structure and effectiveness, USSR study, 5786

illegal expenditures for construction of research facilities by Air Force, GAO research facilities b report, 5530 Public health, see Health.

Public Health Service:

act, amend-

hearings, 5277
reports, 5137-39
certification of interstate milk shippers
under State-PHS cooperative program,

commissioned officers, equalization of re-

commissioned officers, equalization of retrement benefits, hearing, 5164
health research facilities, construction
program, Surgeon General's report, 5069
subsidized transportation for employees
transferred to Parklawn Building in
Rockville, Md., hearing, 5165
Public housing, see Housing.
Public information. USSR. selection and

Public information, USSR, selection dissemination of information, 5774 selection and Public lands, see Grazing.

Do not order from index; see indicated entry

Public papers of Presidents of United States, 5461-62

Public policy, Euro-dollar market and public policy implications, 5066
Public Printer, fix subscription price for daily Congressional record, authorize, report, 5256

Public property, management, code of Federal regulations, 5457-58
Public schools, see Schools.
Public schools, see Schools.

Public service, careers, jobs and advance-ment in public agencies, 5814 Public works, economic development dis-tricts, composition and status, 5327 Public Works Committee, House: committee print, 5177

committee print, 5177
hearings, 5174-76
Public Works Committee, Senate:
hearings, 5279-80
investigations and studies—

air and water pollution and other enviauthorization, matters, ronmental

report, 5240 authorization, report, 5234 reports, 5203, 5206 iblications, Federal item identification Publications, I guide, 5304

see also Government publicationspublications—also names of de-nents, etc., issuing publications partments, also subjects. Puerto Rico:

Puerto Rico:
county business patterns, 4933
nautical chart catalog, 4976
Pullman Company, transport statistics, 5720
Pulp, industry and Northwest, 5489
Pulse modulators, 2.5 kVA pulse-widthmodulated static inverter, design analysis

and performance, 5929 ilse of earth's mag magnetosphere, USSR study, 5780

Pumps

classification definitions, 6112 current industrial reports, 4939 Purchasers, see Vendors and purchasers. Purchasing:

stitutional meat purchasing specifica-tions approved by USDA, fresh beef, institutional 5288

5288
small purchase manual, armed services procurement regulation, 5298
Purchasing agents, buyers, pay, national survey, 5822
Purse seine fisheries, see Fish and fisheries. Putz, R. E., parasites of freshwater fishes, protozoa, Microsporida of fish, 6205
Pylons (struts), see Struts (aircraft).

Qatar, Amirate of, background notes, 6212 Quality assurance, computer aids highway construction, 6137 Quarantine, see subjects.

Quarries and quarrying, pit slope structures by stiffness matrix method, systematic analysis, 5877

Queja, Irene G., relief, 5041 Quit cries, play about suicide prevention, suitable for amateur groups, 6048

Rabbits, cottontail rabbits, general information, 6178

Race problems: advertising discrimination in sale and rental of housing, new trend (remarks), 5609 in

Voting rights act of 1965, amendments, hearings, 5269 aceways, fish-trout management, animal act of 1965, amendments,

Raceways, fi

Radar: Federal item identification equipment. guide, 5310

Radar—Continued large time-bandwidth product radars, capture and spurious target generation due to hard limiting, 6109 laser radar range equation considerations,

Radar interference, capture and spurious target generation due to hard limiting in large time-bandwith product radars, 6109 Radar targets, capture and spurious target generation due to hard limiting in large time-bandwidth product radars, 6109 Radiance, planetary limb radiance profile as factor in determining atmospheric temperature profiles, 5899

Radiant energy, radiant heat transfer properties of particle-seeded gases, theoretical calculations, 5897

Radiation:

doses, nuclear detonations for peaceful purposes, approaches to calculation of limitations, papers, 5384 embrittlement of steels, damage-function nuclear detonations for

analysis of neutron-energy and spectrum effects, 6099 exposure, microwave ovens and the public.

initiated emulsion oxidation, 4893 irradiation testing symposium, 4882 technology, national

symposium, 4852 neutron irradiated 12Ni-5Cr-3Mo marag-ing steel plate and companion weld metals, behavior of mechanical proper-ties, 6103 90-day subacute oral toxicity studies on day subacute oral toxicity studies on radiation, pasteurized foods, strawber-ries, apples, and pears, 4892

nocturnal, loss estimates for forest canopy.

5503 Palanquin Event, quantitative postshot distribution of close-in fallout, throw-out, and base surge, 4894 radiation exposure overview, OCS series,

radiation from slots on cylindrical bodies using geometrical theory of diffraction and creeping wave theory, 5979

secondary schools, sources, report of limited survey, 5380
space radiation effects of NASA Space Radiation Effects Laboratory synchrocyclotron, external proton beam, characteristics 8021 tics, 5921

Radiation biology, see Radiobiology.

Radiation doses, see Radiation.
Radiation emission, polynomial method for determining local emission intensity by Abel inversion, 5968

Radiation exposure, see Radiation.
Radio broadcasting, licenses, applications for renewal, establish orderly procedures, hearings, 5258
see also Radio transmissions.

Radio operators:

amateur, alien, agreemen eration in U.S. and-France, 6222 agreement authorizing op-

Great Britain, 6238 Radio propagation, see Radio waves.

Radio signals, see Signals.

Radio stations:

amateur, alien, agreement authorizing operation in U.S. and— France, 6222 Great Britain, 6238

broadcasting stations of the world, televi-sion, indexed by country, city, frequency,

Radio telephone, stations, operation, agree-

ment with Canada, 5192
Radio transmissions, radio blackout alleviation and plasma diagnostic results from 25,000 foot per second blunt-body reentry, 5934

Radio waves:
HF radio ground waves, theory of scatter from sea waves, 5392

UHF radio propagation data for low antenna heights, 5390 underground propagation, USSR study,

5781 Radioactivity, fallout shelter, design and analysis, change, 4960
Radiobiology:

biological implications of nuclear age, 4885 radiation biology of fetal and juvenile mammal, 4886

mammal, 4886
Radiolsotopes, see Isotopes.
Radiological health, see Health.
Radiological Health Bureau, seminar paper, selected papers, 5384
Radiology, radiological health, directory of personnel responsible for programs, 5381
Radiotelephone, see Radio telephone.
Radiotransmissions, see Radio transmissions.
Rall shear test for evaluation edgewise shear properties of wood-base panel products, 5506
Rallrad, accidents, investigation, reports. Railroad accidents, investigation reports,

5435

Railroad and Airline Representation Board, name, proposal, 5093 Railroad employees:

niroad employees:
railway labor-management dispute, temporary strike prohibition, law, 5062
Retirement act of 1937, etc., amend to continue supplemental annuities, etc., reports, 5103, 5204
Retirement tax act, amend, reports, 5103,

5204

Railroad retirement act, see Railroad employees.

Railroad Retirement Board: annual report, 1969— department edition, 6140

document edition, 5087 appropriations, 1970, report, 5254 Railroads:

Interstate commerce act, amend, hearing, 5261

lessors and proprietary companies, trans-

port statistics, 5720 nation-wide rall strike, legislation, mes-sage from the President, 5095 Railway labor act, strike prohibition, ex-

than way labor act, strike prohibition, extend, law, 5062
unit train transportation of coal, technology and description of 9 representative operations, 5851
see also Electric railroads.

Railway Express Agency, Inc., transport sta-tistics, 5720 Railway labor act, see Railroads. Railways, see Electric railroads.

Rain, overland flow on hillslopes, hydraulics, 5559

Rainbow Bridge National Monument, general information, 6066 Rainfall, see Rain. Ramey, James T., remarks, Jan. 19, 1970, 4899

Ramjets, see Engines (aircraft). Random processes, see Probabilities (mathe-

Random walks (mathematics): test particles in velocity space with appli-cation to magnetic mirror system, 5962 Range lands :

Worth prairie, general information, 6179

seeded ranges response to different graz-ing intensities in ponderosa pine zone seeded ranges response to unterent star-ing intensities in ponderosa pine zone of Colorado, 4825 Rantz, S. E., urban sprawl and flooding in southern California, water in urban devel-

opment, 5545

RAPIER, see Computer programs/program-

ming Rate training manuals, 6089-91 Rates, see Electricity.

Ratings. Navy, training manuals, 6089-91 REA, see Rural Electrification Administration.

Reactor fuel pins, nuclear fuel pin swelling, simplified analysis, 5932

Reactor fuels:

disperson type fuel elements for nuclear reactors USSR study, 5766

nuclear fuel pin swelling, simplified analysis, 5932 Reactor safety, see Safety of life. Reactors (atomic):

fast burst reactors, proceedings of national topical meeting, 4884 dispersion type fuel elements, USSR study, 5766

gas-cooled reactor passage, observation of flow excursions, 5906

LMFBR, liquid metal fast breeder reactor 1000 MWe follow on study, task reports, 4878-81 nuclear

iclear powerplants, prelicensing anti-trust review, hearings, 5063

physics of reactor shielding, problems, USSR study, 5754 Real estate, condemnations of private prop-erty for public use, how Federal income

tax applies, 5637 see also Land.

Receipts and expenditures, see Finance. Receivers (radio):

cervers (radio):

NRL receiving system, design of digital control unit, 6098
optical altimeter receiver systems study and design for spaceborne laser altimeter, 5901 echt, Howard L., tracer study of prescaling deposition of scale forming compounds on controlled surfaces, 5629

Reclamation, see Reclamation of land. Reclamation Bureau:

construction and operation of San Luis unit, Central Valley project, question-able aspects concerning information pre-sented to Congress, GAO report, 5534 project feasibilities and authorizations,

supplement, 6142 Reclamation of land:

acid strip-mine spoil. pine seedlings respond to liming, 5498, pilot drainage and irrigation project. Thanh Quoi, An Glang Province, Viet-Nam, feasibility study, 5368, program to speed land distribution in Viet-Nam, land reform, 5369, projects, feasibilities and authorizations, suppliement 6142.

supplement, 6142
reclamation brings wildlife back to Paradise strip mine, 6263

Reclamation projects, see Reclamation of

Reconnaissance (aerial):
geologic interpretation of reconnaissance
aeromagnetic survey of northeastern aeromagnetic Alaska, 5539

Reconstruction, proposed, jetties 1 through 6 at Port of Chittagong, East Pakistan, economic analysis, final report, 6264

Recordkeeping requirements and guide to tax publications, 5659

Red cedar, see Cedar. Red pine, see Pine. Red River and Valley, Arkansas-White-Red basins area development under USDA programs, progress, 6189
Red Sea, lights and fog signals, list, change,

Redevelopment (city planning):

economic development districts, composi-tion and status, 5327 Office of Small Town Services, HUD, general information, 5607

urban planning, data uses, 4930 urban renewal, handbooks, 5598-99. 5602-3

Reentry into atmosphere, see Atmospheric entry.

Reese, Howard C., area handbook for Hashemite Kingdom of Jordan, 4860

Research and development reports:

Atomic Energy Commission, 4869–94

Coal Research Office, 4974–76

Research and statistics notes, Social Securentry. Reese, Howard C., area handbook Hashemite Kingdom of Jordan, 4860

Hashemite Kingdom of Jordan, 4860
Reflection (light):
 proton-induced effects on reflective surfaces of space mirrors, 5905
Reflectors, two-reflector antenna with circular symmetry, calculating compensating reflector. USSR study, 5759
Refrigeration and refrigerating machines, pneumatic hypothermic devices and craniocerebral cooling apparatus, method for improving effectiveness, 5755
Refriges:

and escapees, problems, investigations, ex-

and escapees, problems, Investigations, expenses, report, 5230
Cuban, and others, assistance, appropriations, 1970, law, 5053
Refunds of taxes, see Tax refunds.
Regional Medical Programs, conference of coordinators and chairmen of regional advisory groups, 6149
Regional Operations Office, ORO series, 5380-81

81
Registers, Army Materiel Command, approved recurring reports, 4847
Registrations, see subjects.
Regression (statistics):
multiple linear regression analysis providing internally evaluated remodeling, use of RAPIER, FORTRAN 4 program, 5951
Regulations, see names of departments, etc., issuing regulations—also subjects.
Rehabilitation of the disabled, panel on international scene, proceedings, 6128

Rehabilitation of the disabled, panel on international scene, proceedings, 6128
Relativity (physics):
solid of model universes, 5975
Reliability (mechanical):
reliability of equipment in service, effect of value engineering changes, 5301
Renegotiation Board, operations, efficiency

and effectiveness, hearing, 5160
Rent, rental income and royalty income, tax information, 5660
Rental housing, see Housing.
Reorganization of Government activities, see

Government reorganization plans.

echanical trade, apprenticeship schedules, 4844 Repairing : mechanical

ules, 4844
tax information on repairs, replacements,
and improvements, 5685
Repairmen, see Mechanies (persons).
Repairs, see Repairing.
Reports, see names of departments, etc.,
issuing reports—also subjects.
Reproduction, and taxonomic status of
striped bass, Morone saxatilis in Florida,
6210 6210

Reptiles, neotropical squamata, catalogue, 6057

Requisitions, MILSTRIP, military standard requisitioning and issue procedures, change, 5320

Rescue equipment and appliances, deep sub-mergence rescue vehicles, evaluation needed of cost-effectiveness of 4 more be-fore purchase by Navy, GAO report, 5529

Research: and development-

Page 158

allowances for independent research allowances for independent research development costs in negotiated contracts, issues and alternatives, Defense Dept., National Aeronautics and Space Administration, Atomic Energy Commission, GAO report, 5522 federally financed, investigation and study authorization, report, 5213 tomation and conversion of information

automation and conversion of information form, USSR study, 5793 EARI development research series, reports. 5367

e also Military research—Scientific research—also names of departments, etc., doing research—also subjects.

ity Administration, 6171 Research and Statistics Office, staff papers,

6170

Research Flight Facility, Miami, Fla: data processing procedures, 5393 ESSA technical report, ERL-RFF series, 5393

Research notes, Forest Service, 5490-5505 Research papers, Forest Service, 5506-16 Research reports:

Cold Regions Research and Engineering Laboratory, 5363-65 Injury Control Research Laboratory, Injury C 5378-79

Residential construction, see Building.

Resolvers, see Electric resolvers.
Resonance, electron paramagnetic resonance study of order in several nematic liquid crystals, 5954

Resource bulletins, Forest Service, 5517–19 Resource publications (series), 6208 Resources, see Natural resources. Retail credit, and collections, bibliography,

b153
Retail trade:
census of business, 1967—
area statistics, 4915
major retail centers in standard metropolltan statistical areas, 4908—14
United States, summary, 4915
Retired pay, see Pensions.
Retirement:

Retirement :

income and retirement income credit, tax information, 5662 plans for self-employed, questions and answers, tax information, 5658 pre-retirement years, labor market ex-

pre-retirement years, labor market experience of men, longitudinal study, 5811
Public Health Service commissioned officers, equalization of retirement benefits, hearings, 5164
publications, price list, 6132
see also Pensions—Railroad employees.
Revenue, see names of articles etc., from which revenue is derived.
Revere Beach, Mass.:
erosion control study engineering

erosion control study, engineers report—
departmental edition, 5374
document edition, 5075
Reverse osmosis process, see Osmosis.
Rewards (prices, etc.):
nuclear applications in chemistry award to
Paul R. Fields (remarks), 4895
2d annual highway beauty awards competition, 5416
USSR 1980 State prizes awarded for

awarded for

petition, 5416
USSR, 1969 State prizes awarded
science and technology, 5767
Reynolds number, Reynolds analogy
zero-pressure-gradient, compressible, t
bulent-boundary-layer flow, summary
available information, 5923
REF see Research Elight Facility for tur-

RFF, see Research Fl RH factor, see Blood. Rhode Island: see Research Flight Facility.

census of business, 1967, major retail cen-ters, standard metropolitan statistical areas, 4911

areas, 4911
postal map, 6122
Rice, Philip F., use of input-output analysis
in studying industry problems applied to
employment changes in U.S. textile industry, 4828

Richards, William J., tropical Atlantic tuna larvae collected during EQUALANT surveys, 5010

Rickover, H. G., testimony, bearings, 5160 Rigdon, W. S., stagnation point heat trans-fer during hypervelocity atmospheric entry, 5892 Rights (civil), see Civil rights.

Rights-of-way, see Roads and highways.

Shinn, area handbook for North |

Rinn-Sup, Shinn, area hands Korea, 4861 Risk, if you must smoke, 5 ways to reduce risks, 6147 Rittenhouse, John B., space materials hand-

Rivers

Rivers:
national river and flood forecast and warning service, plan for improving, 6281
streambank protection, 6201
streamflow from United States into Atlantic Ocean, 5566
streamflow in upper Colorado River basin, correlative estimates, 5565
Rizen, Robert L., household consumption patterns for meat and neultry, spring, 1965 terns for meat and poultry, spring 1965,

5337 Roads and highways:

oads and highways:

El Paso North-South Freeway, right-ofway alinement, law, 5061
highway construction, computer aids
quality, assure, 6137
highway safety, design and operating
practices handbook, supplement, 5417
highway trust fund, financial condition and
operations, annual report, 5092
national highway—
functional classification and needs study
manual, 6139
needs, 1970 report, 5177
2d annual highway beauty awards competition, 5416
oasting (minerals):

petition, 5416
Roasting (minerals):
oxidation roasting

oxidation roasting of chalcocite concentrate, 5875
Roberts, Jean:
hearing levels of children by age and sex,
United States, 6016
visual acuity of children, United States,
6015
Robertson, Note the concentration of the co

Robertson, Nelse W. soil survey, Greene County, Ark., 6193
Robinson, Henry E., proceedings of seminar on durability of insulating glass, 5997
Robinson, John E., maxillofacial prosthetics,

6148

Rock Island, Ill., area wage survey, 5825 Rockets

lightning hazards during launch 11, 5388 passive inflatable falling-sphere technology

passive inharable railing-sphere technology for atmospheric sensing to 100 km, status, 5913 Saturn V incentive provisions of stage con-tracts, National Aeronautics and Space Administration, GAO report, 5532 variable-mass flexible, with internal flow, general motion, 5904 is:

melasyenite, Precambrian of Ute Creek, San Juan Mountains, Colo., chemistry, petrology and strontium isotopes, 5542 natural rubble slopes and their relevance to crater fallback slopes, 5375 Rogers, Leonard N., rellef, 5047 Rollers (printing): selective roll-to-roll printer for producing

selective roll-to-roll printer for producing duplicate microfilm copies, 6009 Romer, A. Russell, foreign trade regulations of Ireland, 4997

of Ireland, 4997 Romney, George, address, Feb. 5, 1970, 5591 Roots, competition between ponderosa pine seedlings and grass, 5516 Rope, see Wire rope. Roseland, Va., Nelson and Amherst Coun-ties, rutile and ilmenite placer deposits,

5544

Rosenbaum, Richard C., launch vehicle error sensitivity study, 5898
Rosenstein, Marvin, microwave ovens and the public, 5382

Rossides, Eugene T., remarks, Mar. 4 1970,

otors, air-lubricated pivoted-pad journal bearing-rotar system, effect of mount stiff-Rotors. ness and damping on dynamic behavior, Roughness, see Surfaces. Royalties, royalty income, tax information, 5660

RRB see Railroad Retirement Board.
Rubber, miscellaneous products and reclaimed rubber, census of transportation,
1967, commodity transportation survey
group, 4926

Rules, see subjects. Administration Committee. and Rules

Senate: hearing, 5281 investigations and studies, privileges.

Investigations and studies, privileges, and elections, authorization, report, 5244 reports, 5298, 5210-44, 5256 Rules Committee, House: hearings, 5178-79 Reports, 5103, 5113-14 Rumania claims of U.S. nationals against Government, text of act, regulations, etc., 5470 5479

Runoff: direct, to East Meadow Brook, effects of urban development, Nassau County, Long Island, N.Y., 5553 overland flow on hillslopes, hydraulics, 5559

Rural communities: keeping up with change in rural society, 5415

problems (address), 5594
rural community action agencies study of
neighborhood center programs, 5336
urban crisis cannot be separated from solutions for rural decline (remarks), 5608
see also Country life.
Rural conditions, see Country life.
Rural electrification, see Electricity.
Rural Electrification, see Electricity.
Rural Electrification Administration, materials accentable on rural electrification

terials acceptable on rural electrification systems, list, 6150 Rural life, see Country life.

Rural mental health centers, 6050

Rural population, keeping up with change in rural society, 5415 Rural redevelopment, new life for the coun-try, report of President's Task Force on

try, report of President's Task Force on Rural Development 6124 Russian olive, management and uses in Washington State, 6185 Rust, see Scale (corrosion). Rutile, placer deposits, Roseland district, Nelson and Amherst Counties, Va., 5544 Rwanda, area handbook, 4863 Ryukyu Islands, appropriations, 1970, law, 5053

5053

S3-A (small scientific satellite), see Satellites.

lites.
Sanotare, internal security laws, etc., investigation, expenses, report, 5226
Safety at sea, see Safety of life.
Safety belts, cross-chest systems, comparison of attitudes after operational experience, 5379
Safety of life:

ambulance design criteria, 6032 AMC safety manual, 4851

AMC safety manual, 4851
Coast Guard Auxiliary courtesy examination, need boat insurance? make seal of safety your policy, 4978
ESSA, improving quality and safety of human life and prospects, as these are effected by physical environment, 5385 flight safety, design of light aircraft, NACA and NASA publications, 5894 highway safety design and operating practices, handbook, 5417
In your keeping, skywarn 70 tornado safety message to administrators of schools, hospitals, and other institutions, 5396 schools, hospitals, and other institu-tions, 5396 industrial safety, consultative approach,

5817

Safety of life—Continued
Labor Dept. training programs, occupational safety aid, OSA LS series, 5819
LMFBR, liquid metal fast breeder reactor, plant safety analyses, 4879
motor vehicle safety standards, interpretation, mini-bikes, consumer information, supplement, 6033
National Highway Safety Bureau Prioritles seminar, proceedings, background and summary, expectations and limitations, final session, 6034
nautical accident prevention, fathom (periodical), 6079

riodical), 6079

nuclear power plant safety on ships, USSR study, 5737 occupational health and safety program, hearings, 5157 safety committee, organization, activities, etc., 5819

on waterfront, its importance to trade and commerce (remarks), 5428

Sailing directions:

France, north coast, 6081 Kattegat and the Sound, change, 6082 Malacca Strait and Sumatra, change, 6084 Mediterranean, change, 6085

Philippine Islands, change, 6085 Louis, Mo., air pollution control, hear-5279

ing. 52 Salaries :

government officials and employees, FPM

supplement, 4971 professional, administrative, technical and clerical pay, national survey, 5822 scientists and engineers engaged in research and development, 1969 national survey of compensation, 4897

credit sales by dealers in personal prop-erty, tax information, 5639 installment and deferred-payment sales,

5650 interstate land sales can be risky, 5604

selling to Post Office Department, 6121

seling to Post Omee Department, 6121
tax information on—
sale of a business, 5686
sales and exchanges of assets, 5664
sales and other dispositions of depreciable property, 5665
selling your home, 5688
see also Military supplies.

les management, information sources, selections from Marketing information guide, 4902

Saline water, see Water.

linity, ocean salinity and distribution of Pacific salmon, fishery oceanography, 5009 Salmon, Pacific, ocean salinity and distribu-tion, fishery oceanography, 5009

determination of surface and colloidal conditions which can lead to high salt rejection, reverse osmosis, polymer

membranes, 5614

influence of salt and elevated-temperature exposure on maximum compressive strength of titanium-alloy skin-stringer panels, 5961

rejection, relationship to morphology, and oriented cellulose membranes for reverse osmosis, study, 5622

Salvador, see El Salvador. Salven, Howard C., optical altimeter re-ceiver systems study and design for space-borne laser altimeter, 5901

Sammonds, Robert I., aerodynamics of Mars entry probe-lander configurations at Mach 10 number, 5931

Samoa, see American Samoa,

Sampling, military equipment, basic con-cepts and analysis of measurement data, engineering design handbook, 4848

San Juan Mountains, Precambrian melasye-nite, chemistry, petrology and strontium isotopes, 5542

San Luis unit, see Central Valley project. San Quintin Bay, Baja California, benthic

San Quintin Bay, Baja California, benthic ecology, 6162
Sando, Rodney W., current status of prescribed burning in Lake States, 5491
Sandstone, age of Berea sandstone, etc., in Appalachian and Michigan basins, Pennsylvania, Ohio and Michigan, 5541
Sanitation, sanitary plumbing fixtures, performance characteristics, investigation,

5999
Saprolegnia, fish disease, 6206
Sapwood thickness of Douglas-fir and 5
other western softwoods, 5507
Sarles, Frank B., jr., Harpers Ferry National Historical Park, social and economic history of Virginius Island, 6062
Sartz, Richard S., effect of watershed cover on overland flow from major storm in southwestern Wisconsin, 5492

Satellites

cooperative satellite research project, agreement with Italy, 6248 intercomparison of minitrack and optical tracking networks using GEOS I long are orbital solutions, 5019

S²—A small scientific satellite, magnetic attitude and spin control, 5925 see also Launching facilities—Spacecraft. Saturn (rocket), see Rockets.

Arabia: saudi Arabia:
central, some Jurassic ammonites, 5558
economic trends and their implications for
United States, 5700
Savannah, Ga. to Apalachicola, Fla., marine
weather services chart, 6280
Savings accounts, see Deposits (soldiers,

Savings and loan associations, see Federal savings and loan associations.

Savings bonds

1970 campaign (remarks), 6269 payroll savings program (remarks), 6272 Sawdust, shavings, and waste chips, uses,

Sawyer, James W., effects of pressure distributions on bluff tension-shell shapes,

SBA, see Small Business Administration. Scale (corresion) :

deposition of scale forming prescaling compounds on controlled tracer study, 5629 surfaces,

Scattering, theory of scatter of HF radio ground waves from period sea waves, 5392 Schaeffer, Harry G., Newton-Raphson-con-jugate-gradient technique for calculation of axisymmetric buckling of shallow,

spherical shells with variable edge constraint, 5957 chilling, Benford L. Schilling. calculated wind-tun-

nel-boundary-lift-interference factors for rectangular perforated test sections, 5943 Schnellbacher, E. E., address, Feb. 19, 1970, 5716

Scholars:

American, abroad, tax information, 5670 foreign scholars and educational and cultural exchange visitors, tax information, 5643

Scholarships:

nursingcareer information, 5581 information for schools, 5582

tax information, 5687 School buildings, federally affected areas, construction assistance, 1969 annual report, 5342

School children, see Children.

School Finance Commission, establish, message from the President, 5094

School lunches, National school lunch act, | Seals (numismatics): amend, reports, 5200, 5251

Schools: construction grants, nursing schools, 5574

construction grants, nursing schools, 3574
Elementary and secondary school construction act, hearings, 5156
federally affected areas, operation assistance, 1969, annual report, 5342
public health schools, grants, extend program, report, 5139
public, tax-sheltered annuity plans for
employees, 5689
see also Nurses and nursing.
chuyler, William E., jr., address, Feb. 4,
1970, 6117

Schuyler, 1970, 6117 Science:

education and educational establishments,

education and educational establishments, USSR study, 5781
education and research, development, USSR study, 5789
Federal funds for research, development, and other scientific activities, 6067
forecasting systems, USSR study, 5748
gnoseological principles of scientific prognosis and V. I. Lenin, USSR study, 5724

Latvian and Estonian progress, 5749 physical sciences-

report, 6071 trainees in

in vacation work-study pro-examination announcement, gram, 4963

science and industry, plans to aid rela-tions, USSR study, 5758 science and institutes in Belorussia, USSR

study, 5804
scientific-technical revolution, characteristics, USSR study, 5788
surveys of science resources series, 6067
Tadznik, Lenin days in Moscow, 5747

USSR, 1969 State prizes, 5767 see also Dental science-also names of

sciences. Science and Astronautics Committee, House:

hearings, 5180-82 report, 5140 report, 5140 Science Policy Research Division, Library of

Congress, 5181 ings

lngs, 5181
Scientific Institute of Fertilizers and Insecto-Fungicides, USSR, half century, 1919-69, USSR study, 5770
Scientific research:
Federal funds for research and develop-

6067 ment

scientific center for study created, USSR study, 5733 of dolphins see also subjects.

compensation, 1969 national sur-Scientists. vey, 4897

Scrap, secondary gold in United States, 5852 SDS, see Students for a Democratic Society.

Sea, see Ocean. Sea urchins, cidaroid echinoids of north-western Atlantic Ocean, Gulf of Mexico, and Caribbean Sea, field guide, 6161

Sea water: electrosorb process for desalting water,

flash stage analytical model, development, 5619

Freeport Test Facility, annual report,

2.5 million gallon per day universal de-salting plant, universal design, report, 5631

Seaborg, Glenn T., remarks, Feb. 24, 1970, 4895

Seaburn, G. E., effects of urban development on direct runoff to East Meadow Brook,

Nassau County, Long Island, N.Y., 5553 Seacoke project, see Coke. Seal of United States, see Seals (numis-

matics).
Sealing, air sealing coal mines to reduce water pollution, 5885

ears (numismanes); great seal of United States, certain uses of likenesses, prohibit, report, 5124 seal of Vice President, certain uses of likenesses, prohibit, report, 5124 seal of United States, certain uses of like-

nesses, prohibit, report, 5124

Seas. see Ocean.

Secondary education:
compensatory, expanded language arts,
Buffalo, N.Y., 5358

Buffalo, N.Y., 5398 compensatory program, 5351, 5358 high school self-study program, advanced general education, handbooks, lessons, tests, and answers, 5813 needs for 1970s hearings, 5156 econdary schools, see High schools—

Secondary Schools.

Schools. Secreast, Margaret F., improved procedure for determining malathion residues in stored agricultural products, 4800 Secretary of Senate, see Senate. Sedgwick County, Colo., soil survey report,

6196

Sedimentation and deposition:

Plum Creek subwatershed No. 4, Shelby County, north-central Kentucky, 5564 small drainage basins (series), 5564

Seed crops, see Seeds. Seeding, see Sowing.

Seedlings, see names of plants or trees.

eastern redcedar seed sources in south-west Missouri, survival and growth, 5494

seed crops-

seed crops—
acreage, yield, production, etc., annual summary, 6258
bumper western hemlock, sitka spruce seed crop in southeast Alaska, ripening and dispersal, 5500
seedfall and establishment of Engelmann

spruce in clearcut openings, case history, 5515
Seldel, Kenneth W., survival and growth of eastern redcedar seed sources in south-

west Missouri, 5494

Selnes, see Nets. Selected papers from Bureau of Radiological Health Bureau, seminar papers, 5384 Self employment, see Employment.

Selling, see Sales

Seminars, see Conferences, congresses, etc. Senate:

majority and minority leaders, history and development of offices of floor leaders, 5189

Secretary, report, 5190 telephone directory, 5184 Senate documents, 5185-91

Senate reports, public bills, 5195-5256 Sensitivity

ensitivity:
differential, for alternate interaural loudness balancing in psychoacoustic calibration of earphones, 5846
launch vehicle error study, 5898
ensors, passive inflatable falling-sphere
technology for atmospheric sensing to 100

Sensors.

technology for atmospheric sensing to 100 km, status, symposium, 5913
Separation and Purification Section, National Bureau of Standards, summary of activities, 6007
Separation processes, analysis for Office of Saline Water, 5623

Serial set (congressional), 5029-35 science abstracts, Serials, nuclear cited, list, 4890 titles

Scrottnin, and antiserotinin preparations, effect on development of early stages of mice embryos cultivated in vitro, USSR study, 5730

Serpan, C. Z., jr., damage function analysis

or neutron-energy and spectrum effects upon radiation embrittlement of steels,

Servants, household help, if only I could get | Ships-Continued some!, 6283

Sever, Bruce B., basic data on economy of Peru, 4992

Severance pay, see Wages.

Service trades census of business, 1967, area statistics, 4916-20

personal, apprenticeship schedules, 4844

Sewage .

activated sludge treatment of chrome tannery wastes, plot study of treating combined chrome tannery wastes and domestic sewage, 5471 wernge systems, civil defense manage-

sewerage ment, industrial civil defense handbook,

4956

Shafts, shaft collars and hub clamps, Federal item identification guide, change, 5311

5311 Shale, age of Bedford, and Sunbury shale, etc., in Appalachian and Michigan basins, Pennsylvania, Ohio, and Michigan, 5541 see also Oil shale. Shapes, bluff tension-shell shapes, effects of

pressure distributions on, 5944
Shay, Barry P., universal logic blocks, 6101
Sheaffer, John R., flood-hazard mapping in
metropolitan Chicago, 5546

Shear (mechanics):

magnetic configurations with shear and

minimum B, 4871
rail shear test for evaluating edgewise
shear properties of wood-base panel products, 5506 shear layer and jet instability in stratified

media, 5941

Shelby County, Ky., Plum Creek subwatershed no. 4, sedimentation, 5564

Shells (structural) :

shallow spherical with variable allow spherical with variable edge constraint, Newton-Raphson-conjugate-gradient technique for calculation of axisymmetric buckling, 5957 see also Tension shells.

Shelters, see Buildings.

Shelters (protective), see Protective shelters. Shenoy, A. S., measurements of extinction parameters of hot seeded hydrogen at one atmosphere pressure, 5896

Sherman, Windsor L., solid of model universes, 5975

Sherman antitrust act, see Trusts (indus-

Shielding, physics of reactor shielding, prob-lems, USSR study, 5754

Shipbuilding ship construction contracts, requirements for performance and payment bonds, waive, report, 5119 Shipments, see names of articles shipped.

Shippers:

Interstate milk, certification under State-PHS cooperative program, 5473

shipper groups, commodity transportation survey, 1967 census of transportation, survey, 4924-28

Shipping:

code of Federal regulations, 5459 containerization, streamlining of administrative paperwork (remarks), 5424

Ships:

Coast Guard, authorization for procurement, hearing 5172

construction, see in main alphabet, Ship-

building.

containerships under construction and on order (including conversions) in United States and foreign shipyards, June 30, 1969, list, 5836

electrical systems, Navy, 6096 flag containerships and flag ships with partial capacities for containers and/or vehicles, U.S. June 30, 1969, list, 5839

Government-owned vessels in support of military activities in Southeast Asia, operation improvements needed Mari-

operation improvements needed Mari-time Administration, GAO report, 5531 Lake Michigan, east coast, Sept. 23, 1967, squalls, loss of and damage to vessels and loss of life, marine casualty report,

and loss of fire, marine casualty report, etc., 6073
loan, extension, agreement with Germany, Federal Republic, 6243
loans, now in existence, extension, and new loans, authorize, hearings, 5147
Merchant ship sales act, amend, hearings,

5171

military cargoes, carry on private vessels when available, hearings, 5171 naval vessel loans, extend, report, 5123 nuclear power plant safety on ships, USSR 5737 study 5737
see also names of ships.

Shock waves, propagation in inhomogeneous elastic-plastic media, stability of differ-ence approximation, 5365

Short-term asset management, 5420 Shrimps:

development of shrimp trawl to separate shrimp from fish and bottom-dwelling animals, progress report, 5007 juveniles, diagnostic characters, 5014

Siciliano, Rocco C., remarks, Feb. 17, 1970, 5004

Sick, financial protection for Federal employees, 4969
Sick pay, see Pay, allowances, etc.
Sidk, Steven M., RAPIER, FORTRAN 4
program for multiple linear regression analysis providing internally evaluated remodeling, 5951

Sierra Leone, background notes, 6216 Sight, visual activity of children, health, Sight, visual act statistics, 6015

Signals:

accumulator with photo-electronic signal selection. USSR study, 5756 phase modulation of visual signal of laser interferometer as means of extending range of measurement of plasma density, 4869

Sikov, Melvin R., radiation biology of fetal and juvenile mammal, 4886 Silicon, 3½ percent added to iron, effect on adhesion, friction, and wear in various

media, 5958

Silver, deposits, White Mountain plutonic series in New Hampshire and Maine, 5543 Silviculture, see Forests and forestry.

Simmons Samuel J.:

addresses, etc.— Feb. 6, 1970, 5605 Feb. 12, 1970, 5609

Simon, Kenneth A., digest of educational

statistics, 1969 edition, 5348
Simulation, Fokker-Planck equation by random walks of test particles in velocity space with application to magnetic mirror systems, 5962

Simulators:

fixed base, versus skid pan practice in skid control training, 5378

large launch vehicles utilizing X-15 airplane and flight simulators, study of display systems for manual guidance, 5940 Single convention on Narcotic Drugs, 1961.

ngie conventions see Narcotics.
sneros, Thomas E., research and development of single gun color CRT, phase 2, Sisneros, ment of single gun color CRT, 1 final report, 5900 Sites, embassy sites, agreement wit of Soviet Socialist Republics, 6235 agreement with Union

Sitka spruce, see Spruce. Skidding (motor vehicles):

skid control training, fixed base simulator versus skid pan practice, 5378

Social

Skin, skinfolds body girths, biacromial diameter, and selected anthopometric indices of adults, 6013

Skin friction (aircraft): turbulent on nonadiabatic flat plate Mach number 6.5 and comparisons was 8 theories, direct measurements, 5966 Skud, Bernard E., size composition, sex ratio, and size at maturity of offshore northern lobsters, 5013

Skull, cranicoerebral cooling apparatus, method for improving effectiveness, USSR study, 5755 Skywarn, seconds save lives, 5397

Skywarn seconds save lives, 5397 Slattck, Eugene R., mineral industry of Angola, Mozambique, and Portuguese Guinea, 5858

SLENDER (subroutine), see Computer programs/programming.

dynamic and descriptive studies of hill-slopes (series), 5559 forested mountain slope, nocturnal air

temperature, 5514
natural rubble, and their relevance to crater fallback slopes, 5375
overland flow on hillslopes, hydraulics, 5559

pit slope structures by stiffness matrix method, systematic analysis, 5877 slope stability analysis by finite element stress analysis and limiting equilibrium method, Mines Bureau investigation,

Slots, radiation from slots on cylindrical bodies using geometrical theory of diffraction and creeping wave theory, 5979 Sludge, see Sewage.

Small business, see Business.
Small Business Administration:
annual report, 6152
appropriations, 1970, report, 5104

financial assistance programs and policies, review, hearings, 5283 starting and managing series, 6154

Small Business, Select Committee on, House, report, 5117

Small Business, Select Committee on, Senate: hearings, 5282-8333 investigations and studies,

small and independent business problems, authoriza-tion, report, 5233 Town Services Office, general infor-Small

mation, 5607

Smith, James K., study of oriented cellulose membranes for reverse osmosis and rela-tionship between morphology and salt re-jection, 5622

jection, 5622 Smith, William R., digital diagnostic tech-niques, survey and recommendations, 6102 Smithsonian Institution: contributions to zoology, 6155-62 Smithsonian Institution Press, annual re-

port, 6163 Smoking, if you must smoke, 5 ways to re-duce risks, 6147

Snakes, catalogue of neotripucal squamata,

Snieszko, S. F., Columnaris disease of fishes, 6204

Snodgrass, Jon, Philadelphia student health project, 5588

Snow:

polar, variation of some mechanical prop-erties, Camp Century, Greenland, 5364 relation of snowpack accumulation to red pine stocking, 5495

snow-cover density in North America, re-lationships between climate and regional variations, 5363

Social insurance, macroeconomic effects on aggregate demand, 6170 Social problems, see Society.

Social processes, see Society.

Social security:

ocial security:
benefit formula 6165
clergymen and religious workers, tax information, 5666
clergymen, explanation, 6173
publications, price list, 6132
research and statistics note, 6171
survey of disabled, reports, 6167
cial Security Administration, actuarial
notes, 6165-66

notes, 6165-66
Social service, see Social work and problems.
Social welfare, see Social work and problems.
Social work and problems, social services, publications, price list, 6132
Socialism, socialist monetary circulation, principles, USSR study, 5724
Societies, housing, model State law, 5376

Society: rural, keeping up with change, 5415 social forecasting, USSR study, 5784 Sociology, social forecasting, USSR study, 5784

5784

Softwoods, sapwood thickness of Douglas-fir and 5 other western softwoods, 5507

Sohn, I. G., nonmarine ostracodes of early Cretaceous age from Pine Valley quadrangle, Nev., 5557

Soil conservation, motion pictures available through SCS Motion Picture Library, 6190

Soil Conservation Service, activities, Fresno area, Calif., 6180

Soil scientists, travel notes, together with examples and list of useful items for long journey, 6202

journey, 6202 Soils:

medium, alkali sacaton seedlings, germi-nation and survival, 5504

nation and survival, 5504
soil survey reports—
Antelope Valley area, Calif., 6191
Curry area, Ore., 6192
Greene County, Ark., 6193
Lincoln County, Minn., 6194
Lincoln County, Okla., 6195
Sedgwick County, Colo., 6196
Torrance area, N. Mex., 6197
Wicomico County, Md., 6198
soils and people, Clark County, Wash.,
6199

soils a

6199
Vietnam, An Giang Province, EARI development research report, 5367
Solar radiation, effect of activity on frequency of functional leukopenias and relative lympocytoses, 5980
Solar radio bursts, see Solar radio emission.
Solar radio emission, great radiobursts of son 11858 ctudy 5722

sun, USSR study, 5723 ldiers:

Soldiers American, 1775-1965, posters showing

American, 1775–1965, posters showing uniforms, 4850 engineer soldler's handbook, Army field manual, 4654
Soldier's Home, District of Columbia, appropriations, 1970, report, 5254
Solid of model universes, 5975
Solid wastes, see Waste products.
Solutions, diffusion in ternary aqueous saline solutions, 5620
Solvents, emissions from stationary sources.

solutions, 5620
Solvents, emissions from stationary sources, control techniques, 5991
see also Extraction (chemistry).
Sonic booms, and subsonic jet flyover noise, effects on skeletal muscle tension and paced tracing task, 5902

Sound : differential sensitivity for alternate inter-aural loudness balancing in psycho-acoustic calibration of earphones, 5846 electron-acoustic instability, development during turbulent heating of plasma ions,

4870 Sound, The, see Oresund.

Sounding, atmospheric sensing to 100km, status of passive inflatable falling-sphere technology, symposium, 5913 Sounding balloons, see Balloons.

Sounding rockets, see Rockets.

outh Africa, economic trends and their implications for United States, 5707 South their

implications for United States, 500 South Carolina, census of business, 1967, major retail centers, standard metro-politan statistical areas, 4912 South Dakota, census of business, 1967, major retail centers, standard metropoli-tan statistical areas, 4913 South Vietnam, see Vietnam. Southeast (U.S.):

southeast (U.S.):
air defense, report of subcommittee, 5143
coastal plain, rural industrialization, case
study of new brick factory in Summerville, S.C., 5338
Soviet Union, see Union of Soviet Socialist
Rambilion,

Republics.

Sowing, seeded ranges response to different grazing intensities in ponderosa pine zone of Colorado, 4825

series, see Federal Maritime Commis-

sor series, see receral Maritime Commis-sion—Maritime Administration—National Aeronautics and Space Administration. Space, measurement of space-time structure of high frequency components of wind waves, USSR study, 5797 Space capsules, see Spacecraft.

Space communications:
joint defense space communications tion, agreement with Australia, 6 optical, workshop proceedings, 5912

optical, workshop proceedings, 5912 technology, assessment—
hearings, 5180
report, 5140
Space Coordination-Computation Center, visit, USSR study, 5785
Space Disturbances Laboratory, ESSA technical report, ERL-SDL series, 5394
Space flight, see Astronautics.
Space materials handbook, 5916
Space missions:

Space missions:
Space Coordination-Computation Center,
visit, USSR study, 5785
spaceborne multiprocessing phase 1, study,

5891 Space radiation, see Radiation. Space Radiation Effects Laboratory, NA large-area proton beams established energy range from 31 to 225 MeV, 5920 Space sensors, see Sensors. Space technology, communications, assessment hearings, 5180

communications, assess-

Spacecraft:
Apollo 12, new vista for lunar science, 5909

5909
blunt-body reentry, radio blackout alleviatlon and plasma diagnostic results, 5934
large launch vehicles utilizing X-15 airplane and flight simulators, study of display systems for manual guidance, 5940
launch vehicle error sensitivity study,

5898 Mariner-Mars 1969, preliminary report, 5914

3914
materials handbook, 5916
prevention of electrical breakdown, 5911
Space Coordination-Computation Center,
visit, USSR study, 5785
see also Satellites.

Spain, military and political problems, sub-committee report, 5144 Spanish-Americans, population, Nov. 1969 sample survey, preliminary data, 4942 Spanish West Africa, Spanish Sahara, back-ground notes, 6217 Special groups, see Minorities.

Special Representative for Trade Negotia-tions, appropriations, 1970, report, 5104 Specific gravity, and wood moisture varia-tion of white pine, 5496

Specifications, see subjects.

Spectra: longitudinal and lateral spectra of turbu-lence in atmospheric boundary layer,

mass spectra and analytical correlations of some alkylcycloalkyl sulfides, 5882

Spectra-Continued

Spectra—Continued
neutron-energy and spectrum effects upon
radiation embrittlement of steels,
damage-function analysis, 6099
opacity probability distribution functions
for carbon monoxide at elevated temperatures, 5977
Speech, learning to talk, speech, hearing, and
language problems in pre-school child, 6051

Spence, Adolphus N., 11, nominating, 5281
Spencer, John S., jr., Indiana's timber, 5517
Spheres, passive inflatable falling-sphere technology for atmospheric sensing to 100 km, status, symposium, 5913

(spacecraft), S2-A, small scientific llite, magnetic attitude and spin consatellite.

satellite, magnetic attention, moisture trol, 5925
Spinning, performance, seed cotton, moisture conditioning in ginning, relationship, 4821
Spironello, Victor R., evaluation of variables in basic oxygen steelmaking, 5879

Sponsors, sponsors of contests and sporting events, tax information, 5671

Sport Fisheries and Wildlife Bureau: resource publication (series), 6208 technical papers, 6209-10 Sports, sponsors of contests and sporting

events, tax information, 5671 Spring, H. Charles, wage calendar, 5821

Spruce :

Engelmann, seedfall and establishment in clearcut openings, case history, 5515 Sitka, bumper seed crop in southeast Alaska, ripening and dispersal, 5500

Squamata, see Reptiles.

Squirrels, general information, 6200 SSI series, 6173-76

Stability:

and equilibrium of current plasma in toroidal systems, 4875 compressive instability and strength of

filament-reinforced uniaxial epoxy tubes, 5974

electron-acoustics instability, development during turbulent heating of plasma during tu ions, 4870

shear layer and jet instability in stratified media, 5941

slope stability analysis by finite element stress analysis and limiting equilibrium method, Mines Bureau, investigation, 5876

stability of difference approximation to wave propagation in inhomowave shock geneous elastic-plastic media, 5365 Stability of aircraft:

cropped double-delta wings in subsonic compressible flow, design charts of static and rotary stability derivatives, 5955 stability and control, design of light air-craft, NACA and NASA publications,

list, 5894
tilt wing, V/STOL transport, investigation of lateral-directional dynamic stability, 5945

Staff development, see Administrative management. taff papers, Research and Statistics Office,

Stagnation point, heat transfer during hypervelocity atmospheric entry 5892

Stallings, Robert L., experimental heat-transfer distributions on blunt lifting body at Mach 3.71, 5935 Standards and standarization:

Defense Department cataloging and standardization program, semiannual report,

Federal standards, 5467 military standards, 5318-19 Standards and standardization--Continued National Bureau of Standards, standard

ational Bureau of Standards, standard reference materials—
analysis of interlaboratory measurements of vapor pressure of gold, 6003 boric acid, isotopic, and assay, 6002 catalog and price list, supplement, 6001 see also subjects

Stans, Maurice H.:

addresses-

addresses-Feb. 24, 1970, 4980 Mar. 3, 1970, 4979 Stark, Kenneth W., research and develop-ment in needle and slit colloid thrustors,

Starting and managing series, 6154 State Department:

appropriations, 1970, report, 5104 background notes, 6212-17 telephone directory, 6220 U.S. defense activities overseas, question-able payment of taxes to other govern-ments, GAO report, 5535 State postal map series, 6122-23 States:

States

air quality data from State and local net-works and National Air Surveillance Networks, 5992 certification of interstate milk shippers

certification of interstate milk shippers under State-PHS cooperative program,

Federal grants, occupational health and safety program, hearings, 5157 livestock associations resolutions relating to National Forest System in 1969, Forest Service comments, 5488 model housing societies law, 5376 postal maps, 6122-23 State and county mental hospitals, provisional patient movement and administrative data, 6046

tive data, 6046
State and local governments, access to capital markets (remarks), 5464
States and areawide comprehensive health

planning agencies, directory, 5018 supply and demand for energy in United States 1960 and 1965, integrated energy balances and energy flows, 5849 tax collections, 1969 report, 4949 workmen's compensation laws, summary, 5618

5818

Static inverters, see Inverters. Static stability, see Stability of aircraft. Statistical publications, see names of depart-ments, etc., issuing publications. Statistics:

conference on Small-Area Statistics, American Statistical Association, papers pre-sented, etc., 4929

experiments, military equipment, basic concepts and analysis of measurement data, engineering design handbook, 4848 statistical analysis of meteoroid penetra-

tion data including effects of cutoff, 5959 see also subjects.

Status of Federal aviation regulations, 5412

Steady state, see Equilibrium. Stealing, tax deduction information, 5679

alloys

loys, relationship between fracture toughness and estimated plastic zone size, 6107 steelmaking, evaluation of oxygen

variables, 5879

variables, 5849
neutron-embrittled pressure vessel steels,
Charpy-V shelf energy degradation and
yield strength increase, trends, 6110
neutron irradiated 12Ni-5Cr-3Mo maraging
steel plate and companion weld metals,
behavior of mechanical properties, 6103

radiation embrittlement, damage-function analysis of neutron-energy and spectrum effects, 6099

temper etch inspection, military standard, 5318

Stewart, Elwood C., adaptive random-search algorithm for implementation of maximum principle, 5947 Stiffeners (aircraft):

titanium-alloy skin-stringer panels, in-fluence of salt and elevated-temperature massive compressive exposure on strength, 5961 on

mount stiffness and damping effects on dynamic behavior of air lubricated pivoted-pad journal bearing-rotor sys-tem, 5972

tem, 3972 stiffness matrix method, systematic analysis of pit slope structures by, 5877 Stochl, Robert J., gaseous-hellum requirements for discharge of liquid hydrogen from 1.52 meter (5-ft-) diameter spherical tank, 5939
Stock, John A., mineral industry of other South Pacific Islands, 5867
Stock ranges, see Range lands.
Stockpiling, see Strategic materials.
STOL (short takeoff and landing), see Aircreft

craft Stomach, cancer health information, 6136 Stone, James R., tests of single-tube-in-shell water boiler with helical-wire insert, inlet nozzle, and two different inlet-region plugs,

census of transportation, 1967,

modify transportation survey, shipper group, 4928 Storage, see names of articles stored. Stores, starting and managing retail flower

shop, 6154 Storms:

orms: floodwater retarding structures near Mc-Kinney Tex., during Sept. 20-21, 1964, performance, 6187 major, effect of watershed cover on over-land flow in southwestern Wisconsin,

5492

Ohio storm damage inspection, hearings, 5175

vere local, Weather Bureau spoter's guide for identifying and reporting, 5398 severe

see also Tornadoes. Stoudt, Howard W., skinfolds, body girths, blacromial diameter, and selected anthro-pometric indices of adults, 6013

Strains and stresses:

finite element stress analysis and limiting equilibrium method, slope stability analysis Mines Bureau investigation,

nuclear fuel pin swelling, simplified analysis, 5932 relationship between fracture toughness

and estimated plastic zone size in st titanium, and aluminum alloys, 6107

see also Shear (mechanics). Strategic materials, various stockpile materials, hearings, 5146

Strategy, see International relations.
Strattgraphy:
contributions to strattgraphy (series), 5541 stratigraphic development of Quadrilatero

Ferrofero, Minas Gerais, Brazil, 5556 rauss, M. B., diving casualty suggesting episode of thoracic squeeze, case report, Strauss. 5843

Strawberries: diseases, 4809

pasteurized, 90-day subacute oral toxicity studies on radiation, 4892 Streamlining see Aerodyanmics. Streams, see Rivers.

Strength of materials: compressive instability and strength of uniaxial filament-reinforced epoxy tubes,

durability of insulating glass, seminar proceedings, 5997

stresses.

Strikes and lockouts:

railroad strike, legislation, message from the President, 5095

railway labor-management dispute, porary strike prohibtion, law, 5062 ringers (aircraft), see Stiffeners Stringers craft).

strip-mined land, see Reclamation of land. Strohlein, James N., selective roll-to-roll printer for producing duplicate microfilm copies, 6009

Strokes, fields, education, research, training.

Strokes, fields, education, research, transparant demonstrations program, extend and improve hearings, 5277
Strontium isotopes, Precambrian melasyen-

chemistry, petrology, and strontium

Struck, Heinz G., discontinuous flows and free streamline solutions for axisymmetric hodies at zero and small angles of attack, 5942

Structural designs, see Designs (industrial). Structural materials, see Construction ma-

Structures, see Earthwork and structures.

Structures, see Earthwork and structures.
Struts (aircraft):
pylon-mounted dummy ramjet engine on
X-15-2 airplane for Mach numbers from
2.0-6.7, 5946

Students:

california student health project, 5587 college, opportunities to participate as trainees in vacation work-study pro-grams, engineering, physical sciences, mathematical sciences, examination an-

nouncement, amendment, 4963 guide to student assistance, 5078 health project of Greater New York, 5589 loans, health professions, program, career

information, 5577 nursing student loans-

information for schools, 5582 repayment, deferment, and cancellation, repayment, de guide, 5575

Philadelphia student health project. 5588 summer employment, 1970, Office of Eco-nomic Opportunity, 5330 tax information for students and parents,

Page 166

Students for a Democratic Society, activities, investigation, University of Chicago. Communist Party efforts, hearings, 5163 Subcasky, Wayne J., determination of surface and colloidal conditions which can lead to high salt rejection reverse osmosis,

polymer membranes, 5614

Submarine boats, submergence rescue vehi-cles, evaluation needed of cost-effective-ness of 4 more before purchase by Navy,

GAO report, 5529 Submarine Medical Center, see Naval Sub-marine Medical Center. Submarines, see Submarine boats. Subsidies, see names of commodities, indus-

tries, etc.

Subsonic flow, see Flow. Subversive activities, see Un-American activities. Sugar,

igar, statistics, etc., compiled in adminis-tration of sugar acts, 4826 Suicide, quiet cries, play about suicide pre-

vention, suitable for amateur groups, 6048 Sulfides, alkylcycloalkyl, mass spectra and analytical correlations, 5882

Sulfur, basalt concretes, strengths, 5881 Sullivan, Edward G., squirrels, 6200
Sumatra, sailing directions, change, 6084
Summerville, S.C., new brick factory, case
study in rural industrialization, 5338
Sun, solar radio bursts, great radiobursts of
sun, USSR study, 5723

Sunbury shale, see Shale.

Stress corrosion, see Corrosion and anti-corrosives.
Stresses (mechanical), see Strains and stresses.
Stresses (mechanical), see Strains and stresses.
Strains and stresses.

and auto campers, 5509

Supervisors:

activities supervisor's guide, for long-term care facilities, 5016 introduction to supervision, guide for in-structors, 4972 Supplies, see Government supplies—Military

supplies.

Supply and demand, energy in United States by States and regions, 1260 and 1965, integrated energy balances and energy flows, 5849

Supreme Court:

Associate Justice, nomination of George

Harrold Carswell-hearings, 5272 report, 5194

Surface water, see Water.

Surfaces

controlled, prescaling deposition of scale forming compounds on, tracer study, 5629 determination surface and

conditions which can lead to high salt rejection, reverse osmosis, polymer reverse

membranes, 5614 surficial geology of Mount Rainier Na-tional Park, 5540 wall roughness, effect on damping of liq-

uid oscillations in rectangular tanks, 5973

Surgeon General, Public Health Service, see Public Health Service, Surgery, activities of U.S. Army Surgical Research Team, WRAIR, in Victnam,

wesearch Team, study, 4868

Surinam, economic trends and their implica-tions for United States, 5712

Surplus property, Military Affiliate Radio System, management of excess property transferred to Defense Dept., GAO report,

Surveys, see Aerial surveys-also subjects of surveys.

Survivor's benefits:

Foreign Service retirement and disability system, increases and adjustments law, 5060 report, 5245

Suydam, Marilyn N., continuing math revo-lution, 5347

Sweden :

economic trends and their implications for United States, 5713 foreign trade regulations, 4996

acreage marketing guide, Sweetpotatoes,

Swick, wick, David A., review of wideband am-biguity functions, 6108

biguity functions, 6108
Swine, internal parasites of hogs, preventing and controlling, 4811
Symposiums, see subjects.
Synchrocyclotrons, NASA Space Radiation Effects Laboratory, external proton beam characteristics, 5921
Synchros, Federal item identification guide,

5312 Synthesis:

controlled thermonuclear research

controlled thermonuclear research 1957—68, development in Ukraine, 5777 heavy transuranium elements, search, USSR study, 5776 problems of adaptive system synthesis, application of finitely converging algorithms and their use in solution of systems of inequalities, USSR study, 5729 Synthetic filament yarns, see Yarn.

Systems:

aeronautical and space systems, equipment and associated components, packaging, handling, and transportation requirements, 5982

Systems-Continued denumerable systems for inequalities, finitely converging algorithms for solu-tion, their application in problems of adaptive system synthesis, USSR study,

shipboard electrical systems, 6096 Lyapunov stability criteria for randomly sampled systems, 5970 see also names or types of systems, e.g.,

Biomechanics.

Szabe, Robert C., relief, 5048

783

Tactical vehicles, *ee Vehicles.

Tadzhik Soviet Socialist Republic, Lenin days of Tadzhik science in Moscow, 5747 Tailoring, Navy uniform regulations, concept of fit guide for naval personnel, 6092
Tanks (containers):
1.52-meter-(5-ft-) diameter spherical tank, gaseous-helium requirements for discharge of lightly hydrogap 5090

1.02-meter-(3-1t-) diameter spherical tank, gaseous-helium requirements for discharge of liquid hydrogen, 5939 rectangular, effect of wall roughness on damping of liquid oscillations, 5973 Tanneries, chrome tannery wastes activated sludge treatment, pilot study of treating combined chrome tannery wastes and domestic seware 5471

combined chrome tannery wastes and domestic sewage, 5471
Tanzania, foreign trade regulations, 4998
Taps and dies, tool and die industry, problems, report, 5117
Tarapur, India, atomic power project, dedication (remarks), 4899
Targets, SDTS [moving target selection] system with internal coherence, investigation of effects, USSR study, 5771
Tariff:

stoms, year later and look into 1970's (remarks), 6267 customs,

gift, are you sure? customs regulations, 5297 summaries of trade and tariff information.

6262

see also names or classes of articles imported or exported.

Tariffs and trade, general agreement, see General agreement on tariffs and trade.

Tariff Commission: report, 1969— departmental edition, 6260

document edition, 5086 Tax credits:

foreign tax credit for resident aliens, 5644 investment credits, 5641 for U.S. citizens and

retirement income credit, 5662

District of Columbia, International Tele-communications Satellite Consortium, report, 5130

organizations, how to apply for exemption, 5645 your exemptions and exemptions for de-

pendents, 5697 Tax refunds, appe ax refunds, appeal rights and claims for refund, 5633

Tax returns, see Income tax.

Tax-sheltered annuity plans for employees of public schools and certain tax-exempt organizations, 5689 Taxation:

clergymen and religious workers, social security information, 5666

sale of a business, 5686 self-employed individuals, plans, 5663 retirement

selling your home, 5688 State tax collections, 1969 report, tax calendar and check list, 5668 4949

U.S. defense activities overseas, questionable payment of taxes to other governments, by Defense Dept., and State Dept., GAO report, 5535

Taxation—Continued

see also Income tax—Internal revenue—
Tax refunds—Tax credits—also names

of articles, etc., subject to tax.

Taxes, see Taxation.

Taxonomy, taxonomic status and reproduction of striped bass, Morone saxatilis, in Florida, 6210 Teachers:

District of Columbia, retirement amend-ments of 1970, report, 5133

elementary

specifications for model education pro-gram, analytic summaries, 5343 Wisconsin University education project, 5361

teacher education, short summary of 10 model programs, 5359

Teaching:

introduction to supervision, guide for in-structors, 4972 systems analysis and learning systems in development of elementary teacher edu-cation models, 5360 Technical bulletins, Agriculture Department,

4828 - 29

Technical cooperation, see Foreign aid. Technical manuals:

Technical Department, 4665, price list, 6131

Technical notes:
National Aeronautics and Space Administration, 5917-75
National Bureau of Standards, 6007-10

Technical papers, Sport Fisheries and Wild-Technical papers, Sport Fis life Bureau, 6209-10 Technical reports: Civil Defense Office, 4960 Coastal Engineering R

Engineering Research Center, 5366

Environmental Science Services Adminis-tration, 5386-94 National Aeronautics and Space Administration 5976-79

Waterways Experiment Station, 5375
Technical translations, National Aeronautics
and Space Administration, 5980
Technicians, engineering, pay, national sur-

vey, 5822 see also Dental technicians.

Technology:

assessment, hearings, 5181 forecasting systems, USSR study, 5748 scientific-technical revolution, its charac-teristics USSR study, 5788 space communications, assessment, report,

5140

USSR, 1969 State prizes, 5767 see also Space technology—also subjects. Teenagers, see Youth.

dental disease, research explores plaque, combat zone in dental disease, 6038 nutrition and dental health, research ex-plores, 6037

see also Dentistry.
Telecommunications Policy Office, establish. proposal, 5079 Telephone :

directories

rectories— Health, Education, and Welfare Depart-ment, 5571 Senate, 5184 State Department, International Devel-opment Agency, Arms Control and Disarmament Agency, 6220

Television: broadcast licenses, applications for re-newal, establish orderly procedures, hearings, 5258

broadcasting stations of the world, in-dexed by country, city, frequency, 5478 Temper (metallurgy)

temper etch inspection, military standard, 5318

Temperature:

atmospheric, profiles from planetary limb radiance profiles, 5899 helium at temperature range—5°C 80°C and at pressures to 800 atmospheres, compressibility data, 5883 nocturnal air, on forested mountain

nocturnal ai slope, 5514 see also Heat.

see also Hear.
Tenants, see Landlords and tenants.
Tenrecs, study in mammalian behavior and evolution, 6156
Tension, skeletal muscle, and paced tracing task, effects of sonic booms and subsonic

task, effects of sonic booms and subsonic jet flyover noise on performance, 5902

Tension shells, bluff tension-shell shapes, effects of pressure distributions, 5944

Terlin, Rose, jobfinding techniques for mature women, 6284

Terminals (transportation)

air traffic control, handbook, change, 4842 ernary systems, ternary aqueous saline Ternary systems, ternary aqueous saline solutions, diffusion, 5620
Terpolymers, see Polymers and polymeriza-

Testing, see names of substances or objects tested.

Texas:

lagoons, ostracoda, ecologic and hava

bays and lagoons, ostracoda, ecologic study, 6155 census of business, 1967, selected services, area statistics, 4919 land conveyance, law, 5061 Texas City, Tex., port, Engineers Corps port series, 5372

Textiles flammable fabrics act, decision analysis

immode raprics act, decision analysis approach to satisfying requirements (address), 4982 dustry use of input-output analysis in studying industry problems applied to employment changes, 4828 thook (campris), 4882 industry

outlook (remarks), 4988 see also names of textiles.

see also names of textiles.
Thaller, Lawrence H., anolyte studies of magnesium electrode in molten mixtures of lithium chloride, potassium chloride, and magnesium chloride, 5952
Thanh Quoi, Vietnam, An Giang Province, Viet-Nam pilot drainage and irrigation project, feasibility study, 5368

Thefts, see Stealing. Thermal properties, flash X-ray technique for recession measurements in ablative materials, evaluation, 5960.

Thermionic converters, thermionic topping converter for coal-fired power plant, 4975 Thermochemistry, of fluorine, and hydrogen fluoride, 6008

Thermodynamics:

effects of cavitation of 80.6° helical in-ducer operated in hydrogen, 5933

skeleton tables for thermodynamic prop-erties of moist air, 5998

Thermonuclear reactions, see Nuclear reactions.

Thinning of forests, see Forest thinning. Thorax, see Chest.

Thorstream M/V (vessel):
explosion and fire with loss of life, June 2 1967, marine casualty report, etc., 6075
Thrustors, needle and slit colloid thrustors, research and development, 5918
TIAS series, 6221-52

Ticks, see Fowl ticks.

Timber:

Indiana's timber, 5517
Ohio Hill country, resources, 5518
plantation timber on Island of Maui, 5519
standing timber coefficients for Indiana
walnut log production, 5510

ime, space-time structure of high frequency components of wind waves, measurement, USSR study, 5797

Tips (monetary), see Gratuities.
Tires, and inner tubes census of transportation, 1967, commodity transportation
survey group, 4926
Tissue cultures, black wart of potato tubers,
USSR study, 5761

Titanium:

loys, relationship between fracture toughness and estimated plastic zone size, 6107

titanium-alloy skin-stringer panels, in-fluence of salt and elevated temperature

exposure on maximum compressive strength, 5961

Titus, Joan B., weatherability of polystyrenes and related copolymers and terpolymers, 5321

polymers, 5321
To save succeeding generations . . . , 5122
Toblas, Leonard, Lyapunov stability criteria
for randomly sampled systems, 5970
Tocopherol, stability of a-tocopherol in alfalfa as affected by pilot- and industrialscale dehydration, 4829
Toler, Raymond M., digest of African countries' economic development plans, 4993
Tomatoes, marketing orders to include paid
advertising report, 5197
Tomb. Thomas F., cyaluation of penetration

Tomb, Thomas F., evaluation of penetration characteristics of horizontal plate elutriator and of 10-mm nylon cyclone elutriator, 5886

Tonga Islands: Eua, larger foraminifera of late Eocene age, 5555

late Eocene fossils from Eua (serles), 5555 Tools, tool and die industry, problems, reports, 5117

ports, ozz.

Tornadoes:
in your keeping, skywarn 70 tornado
safety message to administrators of
schools, hospitals and other institutions,

Skywarn, seconds save lives, 5397 Toroids, current plasma in toroidal systems, equilibrium and stability, 4875

Torrance area, N. Mex., soil survey report, 6197

Towboats, see Tugboats.

Toxicity, see Poisons.

Tracer studies, prescaling deposition of scale forming compounds on controlled surfaces, 5629

Tracking:

Tracking:
intercomparison of minitrack and optical
tracking networks using GEOS I longare orbital solutions, 5919
systems, photoelectric, USSR study, 5791
Trade, see Commerce.—also names or classes

of commodities. Trade agreements, see Commercial treaties.

Trade and industry publication, 4844 Trademarks, laws, investigation, expenses, Trademarks, l report, 5228

Tradevman, 1 & C, Navy training course, 6097

Traffic control, see Air traffic.

Trailer parks, mobile home court develop-ment guide, 5597

Traders, wildlife esthetics & auto campers in Superior National Forest, 5509 Traineeships :

nurse, professional traineeships, 5583 short-term training courses, 5585 Training:

Job Corps, residential job training, 5810 opertor training course, tactical and support vehicles, LARC 5, 4858

sales management trainig information sources, selections from marketing information guide, 4902

see also Education-also subjects. Trains, see Railroads.

Transformations (mathematics):

Fourier transform representation of ideal lens in coherent optical systems, 5976 polynomial method for determining local emission intensity by Abel inversion.

Transformers, see Electric transformers.
Translations, technical, National Aeronautics and Space Administration, 5980
Transmitters, spaced, observation of traveling ionospheric disturbances by Doppler technique, 5394

Transplantation and Artificial Organs, National Commission on, see National Commission on Transplantation and Artificial Organs.

Transport aircraft, see Aircraft.

Transportation:

aeronautical and space systems, equip-ment and associated components, requirements, 5982

census, 1967, commodity transportation survey, shipper groups, 4924-4928 code of Federal regulations, 5460 moving expenses, tax information for em-

ployees and employer, 5655
statistics in United States, 5720
subsidized, for Public Health Service employees transferred to Parklawn Bullding in Rockville, Md., hearing 5165
system for National Capital, basic plan

system for National Capital, basic plan policies, 6012 unit train, of coal, technology and descrip-tion of nine representative operations,

5851

rban mass, study, authorization, report, 5242

Transuranium elements, h and search, USSR study Travel: heavy. ly 5776 synthesis

increase foreign travel to United States, hearing, 5259 International Travel Act of 1961, amend,

hearings, 5166, 5259
notes of soil scientists, together with examples and list of useful items for long journey, 6202 U.S.A. promotion, hearings, 5166

Trawls and trawling, development of shrimp trawl to separate shrimp from fish and bottom-dwelling animals, progress report,

Treasury Department appropriations, 1970, supplemental, proposal, 5187

Treaties:

treaties and other international acts series, 6221-6252 treaties and other international agreements, 6253 sec also Commercial treaties.

Tree seeds, see Seeds.

Trees:

forest trees, their beauty and use, 4823 germination of several species in plastic greenhouses, 5493 see also Hardwoods.
Trenton, N.J., area wage survey, 5826
Tribus, Myron:
address—

address Feb. 12, 1970, 4982 Feb. 17 1970, 4985 Trimble, G. R., Jr., dlameter growth of in-dividual hardwood trees, 5513

Trout, fish management in raceways, animal

guide, 6177

Trulio, John G., numerical calculations of viscous compressible fluid flow around stationary cylinder, 5893

Trust funds, see Trusts and trustees.

Trusts (industrial)

antitrust laws, administration investiga-tion, expenses, report 5219

criminal penalties under Sherman Antitrust Act, increase, report, 5109 see also Competition.

Trusts and trustees:

custs and trustees:
accumulation trusts, effect of new law
(remarks), 6273
airport and airway trust fund, establish,
report, 5250
highway trust fund, financial condition
and operations, annual report, 5092
jointly administered trust funds for prod-

uct promotion, employer contributions, permit, report, 5199
legal investments for trust funds in District of Columbia, list, 5324
Tuberculosis, reported data, 6022

Tubes, see Cathode ray tubes.

Tugboats:

rew, provide for licensing, etc., hearing, 5169 crew. inspection, require, hearings, 5169

Tuliptree

value increase for yellow-poplar and beech, rate, 5511 yellow popl

yellow poplar, distributing value gain from 3 growth factors, 5499 Tuna fish: purse seine fishery in eastern tropical At-

lantic, 5008 tropical Atlantic tuna larvae collected dur-ing EQUALANT surveys, 5010

Tungsten:

alloy, fiber-nickel-base alloy composites for turbolet engine applications, preliminary evaluation, 5926

evaluation, 5926 metal, electrolytic preparation from wol-framite, 5878 ungsten carbide, electrolytic preparation from wolframite 5878 Tungsten

Tunisia:

agricultural commodities, agreement, 6249 extending declaration on provisional accession to GATT, 6227 Tunnels, Mach 6 axisymmetric tunnel, pre-liminary surveys of wall boundary layer,

Curboalternators, 400-hertz Brayton cycle turboalternator and controls, steady-state electrical performance, 5953

Turbojet engines, see Engines (aircraft). Turbulence

longitudinal and lateral spectra of tur-bulence in atmospheric boundary layer, measurements

easurements of supersonic, shock-free jets by optical crossed beam method, 5917

5911 single turbulent air jet impinging on flat plate, survey of literature on flow characteristics, 5949 turbulent heating of plasma ions during development of electron-acoustic instability 4870

turbulent skin friction on nonadiabatic flat plate at Mach number 6.5 and comparisons with 8 theories, direct measurements, 5966 boundary layer, see Boundary Turbulent

laver Turbulent flow, see Flow.

Turkey

agricultural commodities, agreement, 6240 military and political problems, subcom-mittee report, 5144 naval vessel loans, extend, report, 5123

number raised, 1970 intentions, Turkeys. 6259

Tutors and tutoring homework helper pro-gram, New York City, compensatory edu-cation, 5351

U

Uchupi, Elazar, Atlantic Continental Shelf and slope of U.S. shallow structure, 5548 Ueda, Herbert T., core drilling through Antarctic fee sheet, 5366

Uganda, foreign trade regulations, 4998 UH-1, see Helicopters.

Ukraine, see Ukrainian Soviet Socialist Re- | Universe: public

Ukrainian Soviet Socialist Republic:

Academy ny of Sciences research, mathema-past 50 years, 5773

tics, past 30 years, 3715 controlled thermonuclear synthesis re-search, 1957-68, development, 5777 Ulam, Adam B., international negotiation, Communist doctrine and Soviet diplomacy, some observations, 5265

community doctrine and Soviet diplomacy, some observations, 5265
UMWA see United Mine Workers of America.
Un-American activities:
Students for a Democratic Society, hearings, 5163 subversive activities, investigation, ex-

penses, report, 5226 Underdeveloped areas, developing countries,

family in hospital, 6045

Unemployed, pensions and severance pay for displaced defense workers, 4845 Unemployment insurance, financial protection for Federal employees, 4969 UNIDROIT, see International Institute for Unification of Private Law.

Uniformed services, see Armed Forces-Pay, allowances, etc.

Uniforms American soldier, 1775-1965, posters, 4850

Navy regulations, concept of fit guide for naval personnel, 6092 Union of Soviet Socialist Republics:

Academy of ing, 5741 of Agricultural Sciences, meetfund, structure and effecaccumulation

tiveness, 5786 I-Union conferences all-Union conferences and congresses, botany, work between 3d and 4th dele-gates congresses, 5725 Communist doctrine and Soviet diplomacy,

observations on international negotiation, 5265

embassy sites, agreement, 6235 geographical societies, meetings, 5743 national economy, 1967 statistical year-

population, by age jections, 4950 public health—comments, 5803 age and sex, 1969-90, pro-

draft of new law, 5796
Scientific Institute of Fertilizers and In-secto-Fungicides, half century, brief

account, 5770
selection and dissemination of information, 5774

State prizes awarded, 1969, for science and technology, 5767 United Arab Republic (Egypt): foreign trade regulations, 4999

United Kingdom of Great Britain and North-ern Ireland. see Great Britain. United Mine Workers of America, 1969 elec-tion, and pension and welfare funds in-vestigation and study report, 5252 United Nations

conference, single convention on narcotic drugs, 1961, amendments of schedules, notification, 6234 General Assembly, 24th session, report,

5122 save succeeding generations report. 5122

United Nations Conference on Human Envi-ronment. U.S. participation in 1972, hear-

ronment. U.S. Jing. 5159
United States:
Note.—For all subjects pertaining to the United States, except its govto the United States, except its govassument, general history, and de-

United States Information Agency appropriations. 1970, report, 5104
report to Congress, semiannual, 6274
United States Travel Service, appropriations, 1970-72, increase, report, 5166 on cosmic hydromagnetic dynamo theory, 5389

solid of model universes, 5975 solid of model universes, 5975
University of Chicago, Students for a Democratic Society, Communist Party efforts, hearings, 5163
University of Wisconsin, elementary teacher education project, 5361
Urban areas, see Cittes and towns.
Urban planning, see Redevelopment (city planning, etc.).
Urban renewal, see Redevelopment (city planning, etc.)

planning, etc.) Urban sprawl and flooding in southern Cali-fornia, 5545 Urinary organs, kidney disease and related

diseases of urinary system, economic costs, 6146

USAF, see Air Force. USDA, see Agriculture Department. USIA, see United States Info

Information Agency.

USSR, see Union of Soviet Socialist Republies

Ute Creek, Precambrian melasyenite, chemistry, petrology, and strontium isotopes, 5542

Uterus, cancer, 6134 Utility companies, see Electric utilities.

VA, see Veterans Administration. Valgora, Martin E., steady-state electrical performance of 400-hertz Brayton cycle turboalternator and controls, 5953

Valuation donated property, tax information, 5694 land appraisals for large cooperative hous-ing communities, questions regarding, Housing and Urban Development Dept., GAO report, 5536

GAO report, 5536
Value engineering:
effect of value engineering changes on
reliability of equipment in service, 5301
seminar, joint Government-industry, proceedings, 5322
Values, see Worth.
Van Alstine, Ralph E., geology and mineral
deposits of Poncha Springs NE quadrangle, Chaffee County, Colo., 5552
Van Dusen, Richard C.:

Van Dusen, Richard C.:

addresses

addresses—Feb. 12, 1970, 5593
Feb. 16, 1970, 5594
Van Sickle, Dale E., radiation-initiated emulsion oxidation, 4893
Vanes, inlet-guide-vane configuration and relative blade velocity, effects on noise from axial flow compressors, 5922
Vapor pressure, gold, interlaboratory measurements, analysis, 6003
Variables (mathematics):
evaluation of variables in basic oxygen steelmaking, 5879
Varlance analysis, automated fault diagnos-

Variance analysis, automated fault diagnostics for frequency-dependent circuits, 5978 Veatch, Fred M., analysis of 24-year photographic record of Nisquality Glacier, Mount Rainler National Park, Wash., 5554

Vegetable oils, see Oils.

Vegetables:

acreage marketing guide, 5285

commercial processing, acreage marketing guides, 5284

fresh, market news, wholesale market prices, 1968 summary, 5287 Perishable agricultural commodities act,

fair trading in vegetable industry, 4824 Vehicles:

tactical and support vehicles, LARC 5, operator, training course, 4858 vehicle emissions, influence of volatile fuel components, 5871

opacity probability distribution functions for carbon monoxide at elevated temperatures, 5977

relative blade velocity and inlet-guide-vane configuration, effects on noise from

space, random walks of test particles in, with application to magnetic mirror systems, simulation of Fokker-Planck

vendors and purchasers, licensed vendor listing, Post Office Dept., uniform allowance program, 6120

Veneers, U.S. exports, 4907

Venezuela:

establishing business, 4991 mineral industry, minerals yearbook chap-

ter, 5868

Verbal learning, see Learning.

Vessels, see Ships.

Veterans Administration:

annual report—

annual report—
departmental edition, 6275
document edition, 5084
bridge to future, special employment and
training for youth, 6278
information bulletin, IB series, 6276-77
VA pamphlets, 6278
eto messages, see President of United

Veto messages, States. Vibration:

mine roof, from underground blasts, 5872 plates, 5910 Vietnam:

activities of U.S. Army Surgical Research Team, WRAIR studies, 4868 An Glang Province— program to attain maximum agricul-

program to attain maximum agricul-tural production, 5373 soils, EARI development research re-port, 5367 Thanh Qui, pilot drainage and irriga-tion project, feasibility study, 5368 conflict, allotments to savings for prisoner of war, etc., Armed Forces savings deposit program, waive \$10,000 lim-itation—

itation-law, 5059

report, 5209 nd reform, program to speed land dis-tribution, 5369

American prisoners of war held, North. humane treatment and release, report, Republic

agricultural commodities, agreement,

6241-42 naval vessel loans, extend report, 5123 ksne, Andris, apparent consumption of in-dustrial explosives and blasting agents in United States, 5847

United States, 5847
Villaruel, Cora S., relief, 5098
Vine, James D., geology and coal resources of
Cumberland, Hobart, and Maple Valley
quadrangles, King County, Wash., 5551
Vingerhoet, Paul, observation of flow excursions in simulated gas-cooled reactor passage, 5906

Viral diseases, see Virus diseases.

Virgin Islands: county busine pattern, 4933 nautical chart catalog, 4976

Virginia:

census of business, 1967, selected services, area statistics, 4920 electric rate book, 5432

suburbs, crime spillover from Washington, D.C., regional aspects, hearings,

Virginius Island, Harpers Ferry National Historical Park, social and economic history, 6062

Virus diseases, acute viral disease of channel catfish, 6209

Visa Office, annual report, 6219 Visas, sec Passports. Viscous flow, see Flow. Vision, see Sight. Visitors:

exchange visitors, tax informacultural tion, 5643

increase foreign travel to United States, hearing, 5259 sitors Center, National, see National Visitor Center.

Visitors

VISTA, see Volunteers in Service to America. Visual acuity, see Acuity. Vital statistics:

Vital statistics:
data from national health survey, 6013-16
data from National Vital Statistics System, 6017-18
see also Death—Divorce.
Voidance time for 23 species of fish, 6207
Voitages high-frequency wattage-to-voitage converter, design and performance, 5965
Volunteer workers:

volunteers in education, materials for pro-grams and the volunteer, 5573 you can help fight hunger in America, donated foods, handbook for volunteers,

5475

Volunteers in Service to America: VISTA architects and planners, general information, 5333

VISTA lawyers, job opportunities, 5332 VISTA serves, 5331

visia Nerves, 30301 Voting, rights act of 1965, amendments, hear-ings, 5269 Vranick, James E., design and performance of high-frequency wattage-to-voltage con-

of high-frequency wattage-to-voltage converter, 5965 roman, Wayne G., macroeconomic effects of social insurance on aggregate demand, 6170 Vroman,

V/STOL (vertical or short takeoff and landing), see Aircraft.

Wage and Hour and Public Contracts Divi-sions, interpretative bulletin, 6279 Wages:

ages:
area surveys—
Buffalo, N.Y., metropolitan area, 5833
Cleveland, Ohio, metropolitan area, 5827
Columbus, Ohio, metropolitan area, 5831

Dallas, Tex., metropolitan area, Davenport-Rock Island-Moline, area, 5828 Iowa-

Ill., 5825 ort Worth, Tex., metropolitan area, Fort V 5824

Indianapolis, Ind., metropolitan area,

Louisville, Ky.-Ind., metropolitan area, 5832 City, Okla., metropolitan

Oklahoma area, 5823 Portland, M Maine, metropolitan area,

Trenton, N.J., metropolitan area, 5826 earnings base under OASDHI, automatic adjustment, 6166 act, forestry or

Fair labor standards ac logging operations, 6279

nineteenth century wage trends, 5820 severance pay for displaced defense workers, 4845

wage calendar, 5821 withholding taxes from your employee's wages, 5696

Wait, James R., concerning theory of scatter of HF radio ground waves from periodic sea waves, 5392

Waldrip, Byron, T., progress in watershed development in AWR basins area under USDA programs, 6189

Elizabeth, diabetes guide for Walker. nurses, 6145

Walls:

boundary layer in Mach 6 axisymmetric tunnel, preliminary survey, 5938 roughness, effect on damping of liquid oscillations in rectangular tanks, 5973 alnuts, standing timber coefficients for Walnuts, standing timber coefficients for Indiana walnut log production, 5510 Walsh-Healy public contracts act, see Gov-

alsh-Heary pursus ernment contracts. alter Reed Army Institute of Research. alter Reed Army Institute of Research. Walter Reed Army Institute of Research.
Army Surgical Research Team, study of
activities in Vietnam, 4868
Walton, W. W., performance of buildings,
concept and measurement, 5996

Wang, Fun-Den:

slope stability analysis by finite element stress analysis and limiting equilibrium method, 5876 systematic analysis of pit slope structures

by stiffness matrix method, 5877

Warehouses, refrigerated, capacity, 6254 Warning systems, national river and flood forecast and warning service plan for im-proving, 6281 Warships, battleship in U.S. Navy, 6088

Warts (plant disease):
tissue culture of black wart of potato
tubers, USSR study, 5761
Washington, George, Gen. Washington's
Headquarters, 1779-80, Morristown National Historical Park (poster), 6065
Washington, D.C., see District of Columbia.
Washington State:
hand-railed pigeons, habitat management.

band-tailed pigeons, habitat management,

black bear, habitat management, 6182 black-tailed deer, habitat management,

6183 census of business, 1967, major retail centers, standard metropolitan statis-

tical areas, 4914 census of governments, 1967, State reports, 4923

management and uses of Russian olive,

Pacific slope basin, surface waters, qual-ity, 5567 white-tailed deer, habitat management,

6184 wilderness designate certain lands, hear-

ings, 5268 sps, Orgilus Haliday (Hymenoptera, Braconidae), nearctic species, 6157

Waste disposal, see Sewage-Waste ducts.

Waste products:

sawdust, shavings, and waste chips, uses, 5490

waste disposal act, amend, hearings, solid 5280

solid wastes-

disposal and resource recovery facilities, provide financial assistance for construction, hearings, 5280 disposal problems—

sposal property and reuse, research disposal, recovery and programs, hearings, 5280
Mines Bureau research and accomplish-

ments, in utilization, 5856

Water:

anomalous properties, discovery or error.

USSR study, 5798
California undersea aqueduct prereconmaissance study, 6141
conservation, motion pictures available
through SCS Motion Picture Library,

diffusion in ternary aqueous saline solu-5620 tions,

floodwater retarding structures near Mc-Kinney, Tex., during storm of Sept. 20-21, 1964, performance, 6187 gold content, 5547

Water-Continued

shert-Continued kinetics of ice nucleation from water and electrolyte solutions, 5617 modified water, estimating molecular weight of anomalous component by cryoscopic methods, USSR study, 5794 resources

California, 5563

saline

reports by Geological Survey, 5562 Great Lakes basin, institutions con-cerned, survey, 5570 lline water research and development progress reports, 5613-30 ructure, study of specific influence of dissolved ions, 5630 upply structure,

communities in developing countries, guidelines and criteria for establishing, 5377

preliminary community and regional data in support of desalting plant projections, 5628

surface water quality, United States, 5567 water in urban environment (series), 5545-46

water supply papers, 5564-67 see also Sea water. Water additives, see Additives.

Water birds, migratory waterfowl regula-tions, 1969-70, hearing, 5170

Water heaters, Federal item identification guide, 5313

Water pollution: clean waters act program, Federal assist-ance proposal, 5082

investigations and studies, authorization,

report, 5240
Lake Erie and its tributaries, conference proceedings, 5469-70
reduce in coal mines by air sealing, 5885
water pollution control research series,
5471

5471

Water supply, see Water.

Waterfowl, see Water birds.
Waterfront facilities, safety, its importance
to U.S. trade and commerce (remarks), 5428

Watersheds: Arkansas-White-Red Basins area develop-ment under USDA programs, progress, 6189

development plans, hearings, 5176 Plum Creek subwatershed no. 4. Shelby County, Ky. sedimentation, 5564 watershed cover effect on overland flow from major storm in southwestern Wis-

consin, 5492
Waterways Experiment Station, technical re-

ports, 5375

Wattmeters, see Electric meters.

Federal item identification Waveguides. guide, change, 5314 Waves:

aves:
creeping wave theory, radiation from slots
on cylindrical bodies using geometrical
theory of diffraction, 5979
wind, high frequency components, measurement of space-time structure, USSR
study, 5797
see also Electromagnetic radiation.

Weapons:

eapons:
automatic guns series, engineering design
handbook, AMC pamphlet, 4849
selected major weapon systems, status of
acquisition by Defense Department, GAO
reports, 5537
value engineering seminar, joint Govern-

ment-industry, proceedings, 5322

Weather see Weather forecasts

Weather Bureau, spotter's guide for identifying and reporting severe local storms,

Weather forecasts, marine weather services chart, Savannah, Ga. to Apalachicola, Fla., 6280

Weather stations:

Weather stations:
cooperative program, at Guayaquil, reactivate, agreement with Ecuador, 6236
North Atlantic Ocean Stations agreement, amended text of Annex 2, approved by Council of International Civil Aviation Organization, 6250
Weathering, weatherability of polystyrenes and related copolymers and terpolymers, 5321

5321

Weeks, see names of special weeks. Weldenbaum, Murray L., remarks, Feb. 16,

1970, 6266 California student health Tess Weiner,

project, 5587
Welfare funds:
UMWA's pension and welfare funds,
investiga proper administration, investigation and study, report, 5252
welfare and pension plans disclosure act, administration, 1969, report of Secretary of Labor, 5808
Wells, Jean A., automation and women workers, 6282
Wendt. Richard. P.

workers, 6282
Wendt, Richard P., diffusion in ternary aqueous saline solutions, 5620
Werner, Elliot, foreign trade regulations of Paraguay, 5000
West, Dorothy B., medicaid and other medical care financed from public assistance funds, 6019
West Virginia:
electric rate book, 5433

eet virginia.
electric rate book, 5433
West Virginia-Ohio air pollution control
compact, consent of Congress, report, 5203

Western hemlock, see Hemlock. Whaling, international convention, schedule, amendments, 6233

amendments, 6233
Whallog Commission, see International
Whaling Commission.
Wheat, world markets, competition, and
U.S. exports, 5477
White Mountains, plutonic series in New
Hampshire and Maine lead-zinc-silver
deposits, 5543
White pine, see Pine.
White River and Valley:
Arkansas-White-Red basins area-development under USDA programs, progress,
6189

ment under USDA programs, progress, 6189
Mud Mountain Dam, constructed by Seattle District, U.S. Army Corps of Engineers, general information, 5371
White-tailed deer, see Deer.
Wholesale trade, regional wholesale distribution facilities for Blair County, Pa., 4820
Why a cooperative? quick look at what people do through their cooperatives, 5401
Wicomico County, Md., soil survey report, 6198

6198

Wideband, see Bandwidth.

Wilderness areas, Alaska, New Mexico, Ore-gon, and Washington State, designate certain lands, 5268

Wildlife:

conservation as related to migratory waterfowl regulations, hearing, 5170 esthetics & auto campers in Superior National Forest, 5509 Paradise strip mine, reclamation brings wildlife back, 6263

Wildlife back, 6263
Wildlife management, fish-trout management in raceways, guide, 6177
Williams, Glen E., soll survey, Lincoln County, Okla., 6195
Williams, J. R., theoretical calculations of radiant heat transfer properties of particle-seeded gases, 5897
Willott. James F., differential sensitivity for

Willott, James F., differential sensitivity for alternate interaural loudness balancing in psychoacoustic calibration of earphones, 5846

ind tunnels, calculated wind-tunnel-boundary lift-interference factors for rec-tangular perforated test sections, 5943 Wind

Wind waves, see Waves. Windward Islands, Dominica, Windward Odonata, characteristics, 6159

characteristics, 6159
Wings (aircraft):
calculated wind-tunnel-boundary-lift interference factors for rectangular perforated test sections, 5943
cropped double-delta wings in subsonic
compressible flow, design charts of
static and rotary stability derivatives,

tilt-wing V/STOL transport, investigation lateral-directional dynamic stability, 5945

iswept aspect-ratio-10 wing, effects of ground proximity on longitudinal aero-dynamic characteristics, 5956 unswent

rope, Federal item identification guide, 5305

Wisconsin, southwestern, watershed cover effect on overland flow from major storm, 5492

ise, John P., tuna purse seine fishery in eastern tropical Atlantic, 5008 Wise.

Withholding tax, see Income tax.
Woerrlein, Hermann H., capture and spurious target generation due to hard limiting in large time-bandwidth product radars, 6109

Wolframite, use in electrolytic preparation of tungsten metal and tungsten carbide.

Women:

mature, jobfinding techniques, 6284 mature, jobfinding techniques, 6284 Women's Bureau: leaflet, 6283 pamphlet, 6284

pamphiet, 5254 Wong, Dug Foo, relief, 5042 Wong, Wesley H. C., jr., plantation timber of Island of Maui, 5519

Wong, Yui, and wife, relief, 5040

Wood, George R., kinetics of ice nucleation from water and electrolyte solutions, 5617 Wood:

ood:
moisture variation of white pine, 5496
products, census of transportation, 1967
commodity transportation survey, shipper group, 4927
wood-boring insects, artificial rearing of
10 species, 5497

see also Softwoods-Veneers-also names of articles manufactured from wood.

Wood pulp, see Pulp.

Wood waste, see Waste products.

Woodcuts, "Pemchiaroscuro woodcuts,

Woodcuts, chiaroscuro woodcuts, tembroke" album, 5835
Woodruff, George A., soil survey of Antelope Valley area, Calif., 6191
Wool, consumption on woolen and worsted systems, current industrial reports, 4935 Woolen cloth, see Wool.

Work, New Jersey graduated incentive experiment, preliminary results, 5334

Workers, see Labor-Women.

Workmen's compensation, see Employ liability and workmen's compensation. Employer's

Workshops, irrigation operators', 1969, lecture notes, 6143

World, see specific subjects.

World trade, see Commerce.

Worsted, systems, consumption, current in-dustrial reports, 4935

Worth, distributing value gain from growth factors for yellow-poplar, 5499 WRAIR. see Walter Reed Army Institute

of Research.

Wright, Logan, bibliography on human intelligence, 6041

Wu Hip, relief, 5100

Wyman, P. W., laser radar range equation consideration, 6106

INDEX

Wynn, N. A. jr., costs of storing and handling farmers' stock peanuts in commercial facilities, 5340
Wyoming, board-fost volumes to 6-inch top

for lodgepole pines, 5505

X-15, see Airplanes. X-rays:

X-rays:
flash technique for recession measurements
in ablative materials, evaluation. 5960
radioisotope methods for field analysis of
wet concrete quality, methodology and
conceptual instrument design, 4889
Xanthophylls, stability in alfalfa as affected by pilot- and industrial-scale dehydration, 4829
XB-70, see Airplanes.

Yarn, spun yarn production, current industrial reports, 4940 Yau Ming Chinn, see Chinn, Yau Ming. Yearbooks, USSR national economy in 1967, statistical yearbook, 5750-52 Yellow poplar, see Tuliptree. You and food stamps, 5476 You and PL 480, how small business can benefit, 5399

Youth:
American, characteristics, population, educational attainment, etc., current population reports, 4943 bridge to future, Veterans Administration special employment and training for youth, 6278 juvenile justice, crime in America, hearings, 5150 male, educational and labor market experience, career thresholds, longitudinal study, 5812 teenagers discuss the generation gap, 4954 youth reports series, 4954 Yui Wong, see Wong, Yui and life.

Zaffarano, R. F., supply and demand for energy in United States by States and regions, 1960 and 1965, integrated energy balances and energy flows, 5849 Zappolo, Aurora A., educational attainment. 4941

deposits, White Mountain plutonic series in New Hampshire and Maine, 5543

solvent extraction from waste phosphate solution, 5874 Zoology, Smithsonian contributions to zool-ogy, 6155-62 ogy, 6155-62 Zuck, Marjorie, relief, 5045

Order Blank

To Superintendent of Documents, Government Printing Office, Washington, D.C. 20402

Date, 19			For Use of Supt. of Docs.		
Your name			Enclosed To be mailedlater		
Street address			Subscriptions		
City, State, and ZIP Code Catalog number is shown at right-hand end of last line of entry in Monthly Catalog. Order only publications indicated by a star (*) preceding the list price.			Coupon refund Postage		
CATALOG No.	QUANTITY DESIRED	TITLE OF PU	BLICATION	AMOUNT	

For additional space use other side. For PROMPT, ACCURATE SHIPMENT please fill in the following label—Please PRINT or typew					
U.S. GOVERNMENT PRINTING OFFICE DIVISION OF PUBLIC DOCUMENTS WASHINGTON, D.C. 20402 OFFICIAL BUSINESS			E	Les	
RETURN AFTER FI	-	POSTAGE AND E			
Name					
Street Address					
City, State, and ZIP Code					

Additional space for your order

CATALOG No.	QUANTITY DESIRED	TITLE OF PUBLICATION		AMOUNT	
			-		
		b			

* # * * * * * * * * * * * * * * * * * *					
			-		

The state of the s		Do not write in space below Total,	\$		

GOVERNMENT PRINTING OFFICE BOOKSTORES

In addition to the mail-order service provided by the office of the Superintendent of Documents, Government Printing Office, for the sale of those publications listed in the Monthly Catalog with an asterisk (*) and price, there are also seven retail bookstores which constitute a part of the operations of that office. The locations of these stores are shown below:

Government Printing Office 710 North Capitol Street Washington, D.C. 20402 Telephone: Area code 202—783–3238

Department of Commerce, Lobby 14th and Constitution Avenue NW Washington, D.C. 20230 Telephone: Area code 202--WOrth 7-3527

USIA Building, 1st floor 1776 Pennsylvania Avenue NW Washington, D.C. 20547 Telephone: Area code 202—632–9668

Department of State Building, 1st floor 21st and C Streets NW Washington, D.C. 20520 Telephone: Area code 202—632–1437 (Public access to building controlled by security regulations.) Chicago Branch
Room 1463—14th floor
Federal Office Building
219 South Dearborn Street
Chicago, Illinois 60604
Telephone: Area code 312—353–5133

Kansas City Branch Room 135, Federal Office Building 601 East 12th Street Kansas City, Missouri 64106 Telephone: Area code 816—374—2160

San Francisco Branch Room 1023, Federal Office Building 450 Golden Gate Avenue San Francisco, California 94102 Telephone: Area code 415—556-6657

UNITED STATES GOVERNMENT PRINTING OFFICE

DIVISION OF PUBLIC DOCUMENTS WASHINGTON, D.C. 20402

OFFICIAL BUSINESS



POSTAGE AND FEES PAID
U.S. GOVERNMENT PRINTING OFFICE