MONTHLY CATALOG

UNITED STATES GOVERNMENT PUBLICATIONS

JANUARY 1969

Entries 1-1494

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
- 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° 8°	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
I"	above 12 inches in height
narrow	width less than 3/2 of height
oblong	width more than height





OF UNITED STATES

GOVERNMENT PUBLICATIONS

JANUARY 1969

Number 888

Entries 1-1494

Issued by the SUPERINTENDENT OF DOCUMENTS

U.S. GOVERNMENT PRINTING OFFICE, WASHINGTON, D.C. 20402 : 1969

L.C. Card 4-18088

FOR SALE BY THE SUPERINTENDENT OF DOCUMENTS, U.S. GOVERNMENT PRINTING OFFICE, WASHINGTON, D.C. 20402. PRICE 50 CENTS PER COPY EXCEPT DECEMBER (INDEX) ISSUE, WHICH VARIES IN PRICE SUBSCRIPTION PRICE \$6.00 PER YEAR (INCLUDING INDEX) \$1.50 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.

Air almanac 1969, May-August. (Naval Observatory.) \$3.75. D 213.7:969/2 Annual report of Federal Power Commission, fiscal year 1968. [Also issued as H. doc. 17, 91st Cong. 1st sess.] (Federal Power Commission.) \$1.25. FP 1.1:968 Background on U.S. agriculture. (Agriculture Department, Agriculture leaflet

491, revised.) 10c. A 1.35: 491/7

Cactus-feeding insects and mites. (National Museum, Bulletin 256.) \$1.25. SI 3.3:256

Coal resources of United States, Jan. 1, 1967. (Geological Survey, Bulletin 1275.) 65c. I 19.3: 1275

Common aquatic weeds. (Agriculture Department, Agriculture handbook 352.) 50c. A 1.76:352

Compilation of farm relief and agricultural adjustment acts. [Revised 1968.] (House of Representatives.) \$3.25. Y 1.2 : F 22/968

Compilation of statutes relating to soil conservation. (Agriculture Department, Agriculture handbook 361.) \$1.50 A 1.76:361

Controlling household pests. (Agriculture Department, Home and garden bulletin 96, slightly revised.) 20c A 1.77:96/3

Controlling the Mexican bean beetle. (Agriculture Department, Leaflet 548.) 10c. A 1.35:548

Criteria for technician education, suggested guide. (Education Office, OE-80056.) FS 5.280 : 80056

Directory of nonpublic elementary and secondary schools, 1965-66. (Education Office, OE-20043-66.) \$2.25. FS 5.220: 20043-66

Engineers in the Forest Service. (Agriculture Department, Miscellaneous publication 1089.) 50c. A 1.38:1089

Handbook of Federal narcotic and dangerous drug laws. (Narcotics and Dangerous Drugs Bureau.) 50c. J 24.8: N 16

Highway statistics, 1967. (Public Roads Bureau.) \$1.75. . TD 2.110:967

History of national numismatic collection. (National Museum, Bulletin 299, Museum of History and Technology paper 31.) \$1.50. SI 3.3: 299/paper 31 Home heating, systems, fuel, control. (Agriculture Department, Farmers' bulletin 2235.) 30c. A 1.9:2235

International system of units (SI), modern metric system and its relationship to U.S. customary units. (National Bureau of Standards, Special publication 304A.) 20c. C 13.10: 304A

Labor law and practice in Peru. (Labor Statistics Bureau, BLS report 338.) . 75c. L 2.71: 338

Legal aspects of selective service. [Rev. 1969.] (Selective Service System.) \$1.00. Y 3.Se4: 2 L 52/969

Master plan report, Washington National Airport. (Federal Aviation Administration.) \$4.00. TD 4.8: W 27

National Aeronautics and Space Administration contributions to bioinstrumentation systems. (National Aeronautics and Space Administration, NASA SP-5054.) \$1.00. NAS 1.21:5054

III

Plant tours for international visitors to the United States. [1969-70 edition.] \$1.00. C 47.2: P 69/969-70

Pricing in a services business. (Small Business Administration, Administrative management course program topic 19.) \$1.50. SBA 1 24:19

Radiation protection for podiatrist and patient. (Public Health Service, Publication 1837.) 25c. • FS 2.2: P 75/8 Reemployment rights of Federal employees who perform in armed services.

(Civil Service Commission, Pamphlet 51, revised.) 10c. • CS148:51/8

Reimbursement incentives for medical care, objectives and alternatives. (Social Security Administration, Research report 26.) 45c. FS 3.49:26 Role of social security in economic development. (Social Security Administra-

tion, Research report 27.) \$1.00 • FS 3.49:27

Spider mites on cotton, how to control them. (Agriculture Department, Leaflet 502, revised.) 10c. A 1.35: 502/2

Statistics of State school systems, 1965-66. (Education Office, OE-20020-66.) \$1.00. FC 5.220: 20020-66

Subterranean termites, their prevention and control in buildings. (Agriculture Department, Home and garden bulletin 64, revised.) 20c . A 1.77:64/3

Supplement to compilation of veterans laws. [Apr. 25, 1951-Oct. 23, 1968.] (House of Representatives.) \$3.50.

U.S. Government purchasing and sales directory. [Revised 1968.] (Small Busi-ness Administration, OPI-23.) \$1.25. SBA 113/2-069

Women's bathing and swimming costume in United States. (National Museum, Bulletin 250, Museum of History and Technology paper 64.) 50c. .

SI 3.3: 250/paper 64

Contents

	Page
Previews	Ш
Abbreviations, Explanation	VI
General Information	VII
How To Order Publications	VIII
New Classification Numbers	IX
Corrections for Previous Monthly	
Catalogs	IX
List of Government Authors	XI
Monthly Catalog	1
Index	101

v

Abbreviations

ndd	0.4.32441		
	9.(donda		no date.
amdt., amdts	amendment, amend-	n. p	no place
			number, numbers
app	appendix, appendixes.	P	Dage, nages
DA., DAS	- book, books	p. or pl	Dages of plates
cnap	chanter chanters	par., pars	paragraph, para-
Cong	- Congress		graphs
Dept	Department	pl	plate, plates.
QOC	document	Por	portrait, nortraits
raesim	facsimile facsimiles	Pt., pts	part, narts.
1y	fiscal voor	rp	report.
G.H.A	Greenwich hour angle	SS Con Day	Senate, Senate bill.
**	House	S. Con. Res	Senate concurrent reso-
H. Con. Res	House concurrent reso-		
		S. doc	Senate document.
H. doc	House document.	or car docasses	Senate executive docu-
11. ex. uoe	House executive docu-	S. ex. rp	Senate executive re-
H. J. Res	ment. House joint resolution.		
H.R	House of Representa-	S. J. Res	Senate joint resolution.
	tives, House bill.	NI ACCOURSESSION	Senate resolution
H. Res	House resolution	5. rp	Senate report
II. IP	HOUSE FORONA	Sec.	Section sections
il		0008	Regulan gogaton
	tions.	Stat. L	Statutes at large
in	inch, inches	supp	Supplement
lat	latitude	Lan	table, tables.
long	longitude	reas	Troosum
III	mile	V	volume, volumes,
Common obbasil at		URAS DIMENSION	THE REPORT OF
inside of the front cov	ons for the names of State the symbols used to des er.	ignate sizes of public	o used,
or the right Cov	er.	and sizes of public	ations is given on the

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

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.

VII

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 (Φ) preceding the price. A black dot (\bullet) 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 BEMIT

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 senders' risk. Foreign remittances should be made either by international money order or draft on an American bank.

Forcign 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 5ϕ 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

	Agricultural Stabilization on Conservation Serv- ice.
A 82.1/2 : CT/date	t Fl = Stateal
1 02.1/2. 01/ ditterraine	Commerce Department.
C1.8/4: nos	Federal meteorological handbooks (numbered).
C 1 55 : nos	DIB computer news.
	Coast and Geodetic Survey.
C 4.55: nos	Digest of science and engineering presentations.
	Naval Ordnance Systems Command.
D 215.6/2 : CT	Handbooks, manuals, guides.
D 210.0/2.01	Public Health Service.
FS 2.93/2 : Reserved	
FS 2 93/3 : nos	National Air Pollution Control Administration
F 6 2 00/ 0 100	publication, AP (series).
	Social Security Administration.
FS 3.53 : Reserved	
FS 3.54/2: nos	From the Social security survey of the dis-
I. 0. 0.01/2. HOSEEL	abled, reports.
	Education Office.
FS 5.216: nos	Miscellaneous publications: Nursery schools
1.1) 0.210	and kindergartens, OE 16,000–16,999.
	Social and Rehabilitation Service.
FS 17.8 : CT	Handbooks, manuals, guides.
FD 11.0. 01	Interior Department.
I 1.87/4: nos	Desalting plants inventory report (annual).
	Oil and Gas Office.
I 64.8: CT	Handbooks, manuals, guides.
2 0 401 0 2 2 2	Labor Statistics Bureau.
L 2.71/4: nos	North Central regional reports.
A Marting and	Employment Security Bureau.
L 7.69: nos	United States Employment Service test re-
	search reports.
	Library of Congress.
LC 1.33: nos	News from the Center [for the Coordination of
	Foreign Manuscript Copying].
	Smithsonian Institution.
SI 1.25: nos	Atoll research bulletins.
	NOTENos. 1-117 issued by National Research
	Council.
	National Gallery of Art.
SI 8.3 : -7 Reserved	TT Theshe manuals suidou
SI 8.8: CT	Handbooks, manuals, guides.
SI 8.9 : date	Report and studies in history of art (aunual).
	Federal Highway Administration.
TD 2.8: CT	Handbooks, manuals, guides.
	Coast Guard.
TD 5.20: CT	Equipment lists.
	NOTE See, for earlier class, T 47.51 : (CT).

Correction for Previous Monthly Catalog

Apr. 1967. Entry 7203, Summaries of trade and tariff information . . . Schedule 1, Animal and vegetable products, v.11, Tobacco and tobacco products. Correct class to read TC 1.26/2: 1/11.

New Classification Numbers

and the Westmin Manufactory and there is

A publication of the mining distribution of the boundary of the second state of the se

List of Government Authors

Beg	inning
Advisory Commission on Intergovernmental Relations	entry 1
Agriculture Department	25
Agricultural Research Service	2
Agricultural Stabilization and Conservation Service	22
Consumer and Marketing Service	503
Economic Research Service	565
Foreign Agricultural Service	667
Forest Service	669
Information Office	790
National Agricultural Library	1157
Rural Electrification Administration	1372
Soil Conservation Service	1405
Statistical Reporting Service	1457
Atomic Energy Commission	185
Civil Aeronautics Board	253
Civil Rights Commission	269
Civil Service Commission	271
Commerce Department	303
Business and Defense Services Administration	212
Census Bureau	219
Economic Development Administration	559
Environmental Science Services Administration	611
Coast and Geodetic Survey	294
Weather Bureau	1491
International Commerce Bureau	814
Maritime Administration	914
National Bureau of Standards	1173
Patent Office	1275
United States Travel Service	1482
Congress	325
Economic Joint Committee	344
House of Representatives	347
Agriculture Committee	384 389
Armed Services Committee Banking and Currency Committee	0.00
Education and Labor Committee	392 396
Foreign Affairs Committee	390 397
Government Operations Committee	402
Interior and Insular Affairs Committee	402
Interstate and Foreign Commerce Committee	404
Judiciary Committee	405
Merchant Marine and Fisheries Committee	403
Post Office and Civil Service Committee	411
Public Works Committee	415
	310

Congress—Continued	
House of Representatives-Continued Be	ginning
Science and Astronautics Committee	Entry
Small Business, Select Committee on	. 418
Un-American Activities Committee	. 423 . 424
veterans' Affairs Committee	497
ways and Means Committee	400
internal Revenue Taxation Joint Committee	491
Senate	431
Aging, special Committee on	455
Armed Services Committee	450
Danking and Currency Committee	450
Commerce Committee	461
Congress, special Committee on Organization of	469
r inance Committee	ARA
Foreign Relations Committee	107
Government Operations Committee	417-1
Interior and Insular Affairs Committee	477
Judiciary Committee	482
Habor and Fublic Welfare Committee	493
rubic works Committee	500
court of Clamis	523
oremse Department	525
and rouce Department	67
An Force Academy	64
Armed Forces Information Service	109
Army Department	133
Almy Medical Service	183
Orvir Defense Omce	258
Engineers Corps	595
Dake Survey	903
some oners of Stall	831
rational Guard Bureau	1184
and a separate and a second se	1271
Judge Auvocate General	870
startine outpossessessessessessessessessessessessesse	913
Medicine and Surgery Bureau	917
Naval Facilities Engineering Command Naval Operations Office	1236
Nevel Occeptore the or	
Naval Oceanographic Office	1238
Naval Personnel Bureau	1247
Naval Research Office	1254
Export-Import Bank of United States	619
Farm Credit Administration	620
	628
Federal Deposit Insurance Corporation	630
Federal Home Loan Bank Board	634
Federal Maritime Commission	639
Federal Power Commission	641
Federal Reserve System Board of Governors	650
Federal Trade Commission Foreign Claims Settlement Commission	661
o - outling bethement Commission	669

Î

Begin En	ning
	703
General Accounting Office	726
General Services Administration	658
Federal Supply Service	1159
National Archives and Records Service	1100
Government Printing Office	1323
Public Documents Division	757
Health, Education, and Welfare Department	576
Education Office	1330
Public Health Service	1000
Consumer Protection and Environmental Health Service	666
Food and Drug Administration	1185
National Institutes of Health	1202
National Library of Medicine	1384
Social and Rehabilitation Service	252
Children's Bureau	1367
Rehabilitation Services Administration	1386
Social Security Administration	629
Federal Credit Unions Bureau	763
Housing and Urban Development Department	635
Tederal Housing Administration	1371
Renewal Assistance Administration	791
Renewal Assistance Administration	793
- · · · ·	662
Federal Water Pollution Control Administration	0.02
	318
Fish and Wildlife Service Commercial Fisheries Bureau	1409
Great Dichomog and Wildlife Bureau	727
Geological Survey	789
Indian Affairs Bureau	929
Mines Bureau	1211
National Park Service	1273
Oil and Gas Office	1274
Outdoor Recreation Bureau	1363
Reclamation Bureau	823
Interstate Commerce Commission	832
Joint Publications Research Service	. 871
Joint Publications Research Service	787
Immigration and Naturalization Service	1322
Prisons Bureau	876
Labor Department	885
Labor Standards Bureau	889
Labor Statistics Bureau	
Manpower Administration Employment Security Bureau	_ 593
Employment Security Bureau Wage and Hour and Public Contracts Divisions	1489
Wage and Hour and Public Contracts Divisions	_ 1492
Women's Bureau	_ 906
Library of Congress	_ 516
Copyright Office	990
Missouri Basin Inter-Agency Committee National Aeronautics and Space Administration	_ 992
National Aeronautics and Space Administration	1231
National Railroad Adjustment Board	

C

National States 7	Beginning Entry
National Science Foundation Post Office Department	1232
President of the United States Executive Office of the President	1910
Small Business Administration	1376
Supreme Court Tariff Commission	822
Tariff Commission Tennessee Valley Authority	1458
	1460
Transportation Department	1473
Coast Guard	
National Transportation Safety Board	1360
Customs Bureau	1476
Internal Revenue Service Mint Bureau	524
Mint Bureau Veterans Administration	989
	1484

Monthly Catalog

NO. 888 • JANUARY 1969

1

2

3

ADS (aunioa)

25-с

L.C. card 28-7846

ADVISORY COMMISSION ON INTERGOVERNMENTAL RELATIONS Washington, DC 20575

Advisory Commission on Intergovernmental Relations, to improve effec-tiveness of American federal system through increased cooperation among national, State, and local levels of government. Aug. 1968. iii+95 p. 16° (M-17.) † • Item 1049-D L.C. card 63-60295 Y 3.Ad 9/8:2:Ad 9/968

A 77.15; (nos.)

AGRICULTURAL RESEARCH SERVICE, Agriculture Dept. Washington, DC 20250

	alto (actica).
	33-129. Aziridinyl chemosterilants for house flies [with list of literature cited]; by A. B. Borkovec, R. L. Fye, and G. C. LaBrecque. Oct. 1968. 60 p. 4°
	L.C. card Agr 68-307 33-131. Conversion of standard refrigerator to biological incubator; by G. R. Anderson [and others]. Oct. 1968. 11 p. il. 4°
	42-143. Seed cotton and cottonseed handling with air-jet conveyors; [by] Roy V.
	42-146. Automatic device for dividing and packaging light trap insect catches according to time intervals [with list of literature cited; by Albert W. Bartefack in and Lee P. Holingsworth]. Sent. 1968, 14 p. il. 4°
	42-147. Mesilla Park fiber sorter, instrument for sorting short fibers and long fibers in cotton lint [with list of literature cited; by] W. E. Chapman, Sept. 1968. 13 p. il. 4°
	52-30/2. Loading patterns for ventilated rail and truck shipments of dry onions (Study of load patterns, cushioning, and damage); [by William R. Black.] Nov. 1968. [2] + 29 p. il. 4°
;	71-38. Publications and patents on fermentation research during 1967 at Northern Utilization Research and Development Division, Feoria, III. Aug. 1968 A. 49.
	 74-45. Effects of microwave dehydration on components of apples [with list of literature cited; by F. S. Nury and D. K. Salunkhe. May 1968. 19 p. il. 4° [Prepared by Western Utilization Research and Development Division, Agricultural Research Service, Dept. of Agriculture, Albany, Calif.]
10	Check list of summaries of plant quarantine requirements of foreign countries. Revised Nov. 1968. [1968.] 3 p. (353, Appendix A.) [Issued with perforations.] † A 77.329 : list/968
11	Cooperative State-Federal brucellosis eradication program, statistical tables, fiscal year 1968. Sept. 1968. 7 p. 4° (Animal Health Division.) [Page 7 is left blank for notes.] †
	L.C. card 59-61776 A 77.212/4: 968
12	General catalogue of Homoptera: fascicle 6, Cicadelloidea, pt. 17, Cicadellidae; by Z. P. Metcalf. July 1968. vii+1513 p. [Contribution from Entomology Department, North Carolina Agricultural Experiment Station Realogue N.C. catalogued as Paper 1747.] * Paper, \$4.75. • Item

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

Page 1

A 77.20:6/pt.17

13 Index-catalogue of medical and veterinary zoology; Subjects, Trematoda and Trematode diseases, pt. 9, checklist of generic, specific, subspecific names A-M; by Mildred A. Doss. Oct. 1968. [2] leaves+382 p. [Supported in whole by Public Health Service Research Grant E 4334 from National Institute of Allergy and Infectious Diseases to University of Maryland.] * Paper, \$1.50. • Item 31 L.C. card 63-65031

A 77.219/3: T 72/pt.9

14 List of publications & patents with abstracts, Jan.-June, 1968. [1968.] 34 p. 4° (WURDD list 26.) † Western Utilization Research & Development Division, 800 Buchanan Street, Albany, Calif. 94710 L.C. card 55-23547

A 77.17/2:26

15 Plant quarantine import requirements of Brazil. Oct. 1, 1968. 4 p. (Plant Quarantine Division.) [Supersedes P.Q. 379, Mar. 10, 1941, and supps. 1-4, Dec. 3, 1943, June 30, 1945, Oct. 9, 1945, and Oct. 20, 1950.]

A 77.329 : B 739

- 16 Plant quarantine import requirements of El Salvador. Dec. 11, 1968. 4 p. (Plant Quarantine Division.) [Issued with perforations. Supersedes A 77.329 : El 7 P.Q. 602, Apr. 5, 1953.] +
- 17 Plant quarantine import requirements of Romania. Nov. 20, 1968. 3 p. (Plant Quarantine Division.) [Issued with perforations. Supersedes P.Q. 422 Feb. 6, 1937, and supp. 1-5 Mar. 23, 1937, May 6, 1937, Jan. 6, 1939, June 22, 1939, and Mar. 21, 1939.] A 77.329 : R 662
- Plant quarantine import requirements of Union of Soviet Socialist Re-publics. Nov. 14, 1968. 4 p. (Plant Quarantine Division.) [Supersedes 18 P.Q. 425, Aug. 26, 1946.] A 77.329 : Un 33
- Publications and patents, nos. 3663-3836, of Southern Utilization Research 19 and Development Division, Jan.-June 1968 [list]. July, 1968. [2]+ii +67 p. il. 4° A 77.17/3:968 ŧ
- U.S.D.A. summary of registered agricultural pesticide chemical uses: v.1, 20 Herbicides, defoliants, desiccants, plant regulators. 3d edition, [Oct. 1968. xi p.+[210] leaves, 4° (Pesticides Regulation Division.) [Includes additions, deletions, and supplements since issuance of July 1, 1964 edition. Issued in looseleaf form.] * Paper, \$3.50. • Item 44 A 77.302; P 43/4/968/v.1 L.C. card 61-60934
- Veterinary Biologics Division notice 7: Supplement 1, biological products 21 destroyed in licensed establishments during fiscal year 1968. Aug. 27, 1968. 1 p. 4° (Veterinary Biologics Division.) † A 77.226/3:7/supp.1

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

- 22 ASCS aerial photography status maps, as of June 30, 1968. [1968.] cover title, 1 pl. 68 maps, 4° (Aerial Photography Division.) [Issued with per-A 82.2: Ae 8/968 forations.]
- 23 Michigan, 1967 annual report. [Apr. 1968.] cover title, iv+70 p. 4° (Agricultural Stabilization and Conservation Service, East Lansing, Mich.) L.C. card 68-67412 A 82.1/2 : M 58/967
- $\mathbf{24}$ Montana, 1967 annual report. [1968.] cover title, [7]+57 leaves, il. 4° (Agricultural Stabilization and Conservation Service, Bozeman. Mont.) 1

L.C. card 70-60087

A 82.1/2 : M 76/967

AGRICULTURE DEPARTMENT Washington, DC 20250

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

Address by John A. Baker, Assistant Secretary of Agriculture for Rural Development and Conservation, at 16th annual Rural-Urban Mixer of Agriculture Committee of Schenectady County Chamber of Commerce, Schenectady, N.Y. Aug. 22, 1968. [1968.] 11 p. 4° (USDA 2584-68.) A 1.40 : B 17/47

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

Page 2

Address by Secretary of Agriculture Orville L. Freeman to 2d World Con-ference of Animal Production, University of Maryland, College Park, 26 Md., July 15, 1968. [1968.] 10 p. 4° (USDA 2262-68.)

A 1.40 : F 87/339

- Address by Under Secretary of Agriculture John A. Schnittker before Great Plains Agricultural Council, Denver, Colo., Aug. 1, 1968. [1968.] A 1 40 : Sch 5/27 5 p. 4° (USDA 2554–68.)
 - Agriculture handbooks.

28

29

30

31

34

38 39

40

41

42

A 1.76:(nos.)

- 333. Indexing procedures for 15 virus diseases of citrus trees [with lists of filterature cited]; prepared by Committee on Indexing Procedures, Diagnosis and Nomenclature, 3rd Conference of International Organization of Citrus Virologists, Campinas and São Paulo, Brazil, 1963. Feb. 1968. [2]+96 p. il. (Agricultural Research Service.) * Paper, 65c. Item 3
 242. On discover and thele control. Un D. Simons and H. C. Murphyl. [Nov.]
 - Oat diseases and their control; [by M. D. Simons and H. C. Murphy]. [Nov. 1968.] iv+15 p. il. 4° [Prepared in cooperation with Iowa Agriculture and Home Economics Experiment Station. Some illustrations are colored.] * Paper, 35c. • Item 3 L.C. card Agr 68-315
 - 1.C. card Agr 60-315
 353. Golden nematode handbook, survey, laboratory, control, and quarantine procedures [with list of literature cited]; by Joseph F. Spears. Sept. 1968. vi+81 p. 11. 4° (Agricultural Research Service.) [Some illustrations are colored.] * Paper, \$1.25.
 1.C. card Agr 68-305
 250. Weight the formulation between these states are colored.
- 359. Handbook of agricultural charts, 1968. [Nov. 1968.] cover title, 148 p. Il. [Economic Research, Statistical Reporting, Agricultural Research, Foreign Agricultural Services.) * Paper, 65c. Item 3 L.C. card 64-62697
- Agriculture statistics, 1968. 1968. viii+645 p. * Paper, \$2.75. • Item 1. 32 A 1.47:968 L.C. card Agr 36-465

• Item 9 Farmers' bulletins.

A 1.9: (nos.)

- 1889. Fireplaces and chimneys; by Archie A. Biggs. [Slightly revised Nov. 1968.] [1968.] 23 p. il. ([Agricultural Engineering Research Division, Agricultural Research Service.]) * Paper, 20c. 33

 - Agricultural Research Service.]) * Paper, 20c.
 1972. Poison ivy, poison oak, and poison sumac, identification, precautions, eradication; [by Donald M. Crooks and Dayton L. Klingman. [Revised May 1967, slightly revised Dec. 1968.] [1968.] 16 p. ll. ([Crops Research Division, Agricultural Research Service.]) * Paper, 15c.
 2167. Family-farm records; [by James Vermeer and I. R. Starbird]. [Issued June 1961, slightly revised Oct. 1968.] [1968.] [2] + 22 p. ii. ([Farm Production Economics Division, Economic Research Service.]) Supersedes Farmers' bulletin 1962, Useful records for family farms.] * Paper, 15c.
 2231. Varieties of alfalfa; [prepared by Crops Research Division, Agricultural Research Service]. [Issued Mar. 1968. Slightly revised Nov. 1068.] [1968.] 12 p. ii. [Supersedes L-507, Alfalfa varieties and areas of adaptation.] * Paper, 15c.
- Fruitful and delightsome land, speech by Assistant Secretary of Agricul-37 ture John A. Baker at ceremonies launching nationwide program of Outdoor Patterns for People, New Market Gap, Va., Sept. 21, 1968. 10 A 1.40 : B 17/50 p. 4° (4653: USDA 2954-68.)

Home and garden bulletins. • Item 11

A 1.77 : (nos.)

- Home and garden bulletins. Item 11 A 1.77:(nos.)
 17. Food guide for older folks: [prepared by Consumer and Food Economics Research Division, Agricultural Research Service]. [Revised June 1959, slightly revised Nov. 1968.] [1968.] 16 p. 1. * Paper, 10c.
 93. Freezing meat and fish in home; [prepared by Animal Husbandry Research Division and Human Nutrition Research Division, Agricultural Research Ersberles, Fish and Wildlife Service. Department of Interior]. [Dec. 1963, slightly revised Oct. 1968.] [1968.] 24 p. 11. 4° [Supersedes Home and garden bulletin 15, Freezing meat and poultry products for home use.] * Paper, 25c.
 123. Lawn weed control with herbicides. [Issued Oct. 1967, slightly revised Dec. 1968.] [1968.] 24 p. 11. ([Crop Research Division, Agricultural Research Service.]) [Supersedes Home and garden bulletin 79, Controlling lawn weeds with herbicides.] * Paper, 20c.
 155. Exterior painting. [Oct. 1968.] 12 p. 11. [Information furnished by Agricultural Engineering Research Division, Agricultural Research Service.] * Paper, 10c. L.C. card Agr 68-313

Leaflet.

451. Newcastle disease in poultry, how to control it [prepared by Animal Disease and Parasite Research Division and Animal Health Division, Agricultural Research Service]. [May 1959, slightly revised Dec. 1968.] [1968.] 6 p. il. narrow 8° * Paper, 10c. ● Item 12 A 1.35: 451/3

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

329-557-69--2

4.9	Marketing research reports. • Item 13–B
43	825. Study of food distribution facilities for Cincinnati, Ohio; [by Earl G. Taylo and Franklin J. Miller, ir.]. [Dec. 1968.] 11+34 p. II. 4° (Agricultura Research Service.], * Paper, 30c.
44	831. Cotton gin operating costs in West Texas; [by Charles A. Wilmot, Dale L Shaw, and Zolon M. Looney]. [Nov. 1968.] iv+32 p. il. 4° (Economi- Research Service.) * Paper, 30c. L.C. card Agr 68-304
	Miscellaneous publications I Itom 12 A
45	1071. Profiles, careers in Department of Agriculture (Particul Q
46 47	 1071. Profiles, careers in Department of Agriculture, [Revised Oct. 1968.] [1968.] 1097. Braced wall silo. Oct. 1968. [2] p. 11. 4° ([Office of Personnel.]) * Paper, \$3.25 1098. 8-stall horse barn. Oct. 1968. [2] p. 11. 4° (Cooperative farm building plan exchange; plan 6021.) * Paper, 5c. 1091. 4- and 5-room tobacco barns. Oct. 1968. [2] p. 11. 4° (Cooperative farm building plan exchange; plan 6010.) * Paper, 5c. 1091. 4- and 5-room tobacco barns. Oct. 1968. [2] p. 11. 4° (Cooperative farm building plan exchange; plan 6010.) * Paper, 5c.
48	Loos, o-stall horse parn. Oct 1968 [9] p 11 40 /G
49	building plan exchange; plans 6016 and 6017.) * Paper, 5c.
	building plan exchange; plan 5960.) [Prepared in cooperation with
50	plan exchange; plan 6010.) * Paper, 5c. 1101. 4 and 5-room tobacco barns. Oct. 1908. [21] p. 11. 4° (Cooperative farm building plan exchange; plans 6016 and 6017.) * Paper, 5c. 106. Loading ramp for cattle. Nov. 1968. [21] p. 11. 4° (Cooperative farm building plan exchange; plans 5960.) [Prepared in cooperative farm Animal Husbandry Research Division.] * Paper, 5c. 1121. Open space, its use and preservation [with list of literature cited; by Jeanne M. Davis and Peter House]. [Nov. 1968.] iv+20 p. 4° (Eco- LoC card Agr 62 200.
-	PA [Program aid] (series).
51	823. Retailers, encourage your low-income customers to take part in food stamp program, [Slightly revised Oct, 1968.] [1968.] (Consumer and Marketin
52	 Service.) † Item 14-A 873. Regulating shipment of living pests, pathogens, and vectors. [May 1968.] [6] p. narrow 8° (Plant Pest Control Division, Plant Quarantine Division, Animal Health Division, Agricultural Research Research Provided Provi
53	
54	Sit. Outdoor safety tips. [Nov. 1968.] [2]+12+[1] p. II. 169 (Forest Source)
	tionel arboretum [Oct. 1968, [8] p. 11. narrow Se. (No.
55	frank. [Oct. 1968.] 11 p. il. 4° (Federal Extension Sorvice) .
50	recture stories. T
56 57	 Al.100:(nos.) national Agricultural Development Service.) 212. Conservation aids waterfowl. Oct. 1968. [4] p. fl. 4° (Soil conservation
58	 Suburban erosion. Oct. 1968. [2] p. oblong large 8° folded into 4° size. (Soil conservation service.)
59	Remarks of Assistant Secretary of Agriculture John A. D.
-	[1968.] 7 p. 4° (4919; USDA 2917-68.) † Nebr., Sept. 16, 1968.
50	Remarks by Assistant Secretary of Agriculture John A. Baker, at annual meeting of Kentucky Rural Electric Cooperative Corporation, Louisville, Ky., Sept. 9, 1968. [1968.] 14 p. 4° (4575; USDA 2855-68.) †
31	A 140 · D 17/40
	46th Congress of International Association of Seed Crushers, Washing- ton, D.C., Sept. 26, 1968. [1968.] 13 p. 4° (4649; USDA 2950-68.) †
2	A 1.40: Sch 5/28 and Operations, Oct. 1968 [cover title 2, 145 - model] Market Sch 5/28
3	* Paper, 30c.
	USDA at work in northern New Mexico. [Sept. 1968.] 12 p. il. † • Item 10 A 1.2: N 42
	AIR FORCE ACADEMY, Colo., Defense Dept. United States Air Force Academy, CO 80840
4	Ninth Air Force Academy Assembly: A world of nuclear powers? Apr. 5-Apr. 8, 1967. co-sponsored by American Assembly, Columbia University, New York and United States Air Force Academy [final report]. [1968.] 125 n il.
	L.C. card 78-600195 D 305.11:967
	*For Sale by Superintendent of Documents

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

Tenth Air Force Academy Assembly: United States and Eastern Europe, Apr. 3–6, 1968, co-sponsored by American Assembly, Columbia University, New York, and United States Air Force Academy, final report. [1968.] 96 p. il. †

L.C. card 74-600194

65

66

D 305.11:968

[This entry number not used.]

AIR FORCE DEPARTMENT, Defense Dept. Washington, DC 20330

67 Aerospace leadership [guide to] careers for officers, Air Force. [1968.] cover title, 41 p. il. 4° [Page 41 on p. 3 of cover. Information subject to change. Colored illustrations on cover.] † • Item 424-F (Special offer)

		D 301.6/	5: Ae 8/968
	Air Force manu	nal AFM (series).	
68	72-3.	See Defense Department, Defense Supply Agency ma	inual DSAM
69	78–30.	4130.2. See Defense Department, Defense Supply Agency ma 4215.21.	
70 71 72 73	86–3, v. 2, 88–4, chap. 2, 88–24, chap. 2, 92–1,	See Army Department, Technical manual TM 5-330. See Army Department, Technical manual TM 5-805-8. See Army Department, Technical manual TM 5-827-2. Fire protection: fire protection program operational Oct. 17, 1968. [158] p. il.+14 leaves 40 [Issued form. Supersedes AFM 92-1, Jan. 15, 1964.]	procedures. in looseleaf
		D 30	01.7:92-1/2
74		bhlet AFP (series).	
	USA1 title,	States air force worldwide personnel data system hlet developed for you; by Directorate of Personnel Dr Milltary Personnel Center, Randolph AFB, Tex.] [22 p. il. +	
75	40-18. See Arn	ny Department Civilian personnel pamphlet CPP 63.	JOI.00.00-1
76	Everything fro il. [Text and	m the ground up, Air Force ROTC. [1968.] cover other illustrations on p. 2–4 of cover.] † • Iter D 30	
77	An important r pl. 4° [Plat	nedical discovery [Air Force nurse]. [1968.] 18 p es are colored.] † • Item 424 D 30	o. +10 p. of 1.2 : M 46/2
78	Mex., Oct. 11	recasting methodology, symposium held at Alam L-12, 1967 [with lists of references]. [1968.] viii+ 0. • Item 422-B -600173 D 301.69/4	nogordo, N. 191 p. il. 4° 5 : F 76/967
	Personnel Res (Aerospace 2 Air Force Ba	search Laboratory: Technical report PRL-TH Medical Division, Air Force Systems Command use, Tex.)	t (series). , Lackland
79	68–5. Improver scienti June 3 L.C. c	ment of procurement, utilization, and retention of 1 fife and technical officers [with bibliographies; by Tayl 1968. vi+70+[2] p. il. 4° (AF 41(609)-3082.)] $_{\rm card}$ and 71-600066 D 301.	high quality or Drysdale 45/27:68-5
	School of Aero	space Medicine: Aeromedical reviews. (Aerospa FSC), Brooks Air Force Base, Tex.) ‡	ce Medical
80	1-68. Telemetr	tic automated microbial identification system (TAMI) as [with list of references: by] William G. Glepn, Fe	3-4:(nos.) S) and sub- b. 1968. v+
81	4-68. Effects o refere), of acceleration on human performance and physiology, nee to transverse G [with list of references]; by V. O. Hartman, Sidney D. Leverett, jr. June 1968. iii+19 p	with special
	School of Aero	space Medicine : Technical report SAM TR (seri	es). (Aero-
		al Division (AFSC), Brooks Air Force Base, Te	
82	65–284. Acute refe 330- 1967	somatic effects in primates of protons to 400 MeV [prences; by] I. R. Lindsay [and] G. V. Dalrymple. 1967 -335+[2] p. il. 4° [Reprinted from Radiation resear 7. Copyright 1967 by Academic Press, Inc.]	with list of . cover title, rch, supp. 7,
	Coi	Sale by Clearinghouse, U.S. Department of mmerce, Springfield, Va. 22151 to Depository Libraries	Page 5

	School (of Aerospace Medicine—Continued
83	66-249	Citrate mannitol agar medium for separating Escherichia coli paracolons from Shigella [with list of literature cited; by] Walter M. Sellers. July 1967. cover title, 731-732+[2] p. 4° [Reprinted from Applied microbiology, v. 15, no. 4, July 1967. Copyright 1967, American Society for Microbiology.]
84	67–203	Differential resistance of mice at various time levels to lethality of rattle- sanke venom [Crotalus atrox) [with list of references; by] Robert E. Becker, William G. Glenn. 1967. cover title, [1]+360-364+[2] p. il. [Reprinted from Texas reports of biology and medicine, v. 25, no. 3, fall, 1967.]
85	67⊢249 ,	Treatment of decompression sickness in simulated space flight [with list of references; by] Robert G. McIver [and others]. Oct. 1967. cover fille, 1034-36+[2] n. ([Task 775801.]) [Reprinted from Aerospace Medicine, v. 38, no. 10, Oct. 1967.]
86	67–292.	 by Guthrie L. Turner, jr., Timothy N. Caris, May 1967, cover title, [7] (IProject 7755.)) [Reprinted from Accounter modeline - 20, page 10, pag
87	68-20,	Nutrient-defined formula diets for aerospace metabolic experimentation [with list of references; by] Henry A. Dymsza, Gilbert S. Stoewsand, Herbert A. Hollender, Apr. 1968, cover title ult 251 (91) and the
88	68-38.	Relation of signal light intensity to physiologic end points during +G.
89	68–40.	 cover title, iii + 7 + [2] p. ii.4° ([Task 733003.]) Simultaneous determination of ⁵⁰FE, ⁵¹Cr, and ¹²⁵I, using gamma spectrometer [with list of references; by] John W. Harper, James F. Green, Donald F. Lorgdon, fr. May 1068. cover title, lii+4+[2] p. ii. 4° ([Project 7755; task 775506.])
90	68–46.	[with list of references, by] Donald F. Logsdon, James F. Green. May 1968, cover fifle H+2+121 p. 42 (Unoch 72502 1)
91	68-47.	Effects of rate of delivery of ionizing radiation on LDS050 of rodents [with list of references; by] Jerome J. Gambina, R. H. Faulkenberry, May 1968. cover thite, III +40+[2] p. II. 4° ([Contract F41(609)-67- C-0004; project 7757.])
92	68–51.	Nonenzymatic browning in model systems containing sucrose [with list of references; by] Marcus Kartel, Theodore P. Labuza, July 1968, cover title, til+4+[2] p. 11. 4° ([Task 775803; contract AF41(609)- 2981,])
93	68-53.	Decompression stress in simulated orbital flight [with list of references; by] Henry B. Hale, James P. Ellis, Edgar W. Williams. May 1968. cover title, iii+7+[2] p. il. 4° ([Task 775801.])
94	68-57.	Glucose tolerance in dogs exposed to altitude and drug administration. diphenhydramine [with list of references; by] Albert T. Bernardini, Martin Taub. June 1968. cover title, iii+4+[2] p. il. 4° ([Project 7753; task 775306.]) [Correction, 1 p. oblong 48°, issued also.]
95	68-58.	Glucose tolerance in dors exposed to altitude and drug administration, amphetamine [with list of references; by Martin Taub, Albert T. Bernardini, June 1968, cover title, iii+4+12] p. 11. 4° ([Project 7753, task 775306.]) [Correction, 1 p. oblong 48°, issued also.] Glucose tolerance in dors exposed to altitude and drug administration.
96	68–59.	Glucose tolerange in dogs exposed to altitude and drug administration, meperidine [with list of references; by] Martin Taub, Albert T. Ber- nardini. June 1968. cover title, iii+5+[2] p. il. 4° ([Project 7753; task 775308,])
97	68-63.	Endocrine-metabolic response to sequential decompression during simulated orbital flight [with list of references; by] Henry B. Hale Edgar W. Williams, June 1968 iii + 5+121 p ii 4 (JURG), 77500 1) Edgar
98	68-64,	with list of references; by Henry B. Hale, Edgar W. Williams. June 1968, 1ii+6+[2] p. 4. ([Test 775001])
99		of men to altitude [with list of references; by] Bryce O. Hartman, Phelps P. Crump. July 1968, cover title, iii+13+[2] p. il. 4° ([Task
100	68-67,	Trends in aircrew attitudes and job-satisfaction, wives' report [with list of references; by] George K. Cantrell. June 1968, cover title, iii+24 +[2] p. il. 4° ([Task 793003])
101		of references; by] Henry B. Hale, Edgar W. Williams, Clifford J. Buckley, Aug. 1968, cover file, iii, 1 of 1969.
102		phoresis; [by] Victor R. Huebner, Aug. 1968 cover title, iii+17+[2]
103	68-72.	Gordon K. Lochridge, Henry B. Hale, Edgar W. Williams. Aug. 1968.
104	68-92.	Measuring from metabolism in hematopoletic centers using "Fe in pres- ence of "Cr and "I [with list of references; by] Guy M. Strong, Don- ald F. Logadon, jr., James F. Green. Sept. 1968. cover title, iii+5 +[2] p. 4° ([Task 775502.])
		*For Sale by Superintendent of Documents
Page 6		Distribution Made by Issuing Office
A MEC O		‡Official Use. Not Available

- 105 68-95. Preventive chemotherapy of canine dirofilariasis with diethylcarbamazine [with bibliography]; by George S. Tulloch et al. Aug. 1968. cover title, iii+13+[2] p. il. 4° ([Task 775311.])
- 106
 You as an Air Force physician. [1968.] cover title, 20 p. il. 4° † ●Item

 424
 D 301.2 : P 56/2/968

AIR TRAFFIC SERVICE, Transportation Dept. Washington, DC 20553

- 107
 En route air traffic control, Change 6. [Sept. 30, 1968.] [75] p. il. 4°
 (7110.9, Chg. 6.) [Effective Jan. 1, 1969. Cancellation date July 1, 1969. Issued in looseleaf form.] † ● Item 431-D-1
- 108
 Terminal air traffic control, Change 6. [Sept. 30, 1968.] [72] p. il. 4°
 (7110.8

 Ch. 6.)
 [Effective Jan. 1, 1969; Cancellation date July 1, 1969. Issued in looseleaf form.]
 † Item 431-D-1
 TD 4.308: T 27/ch.6

ARMED FORCES INFORMATION SERVICE, Defense Dept. Washington, DC 20301

	DoD [par	nphlets]. ‡ • Item 312–A D 2.14:(letters-nos.)
109	AO-19A.	Capsule facts for Armed Forces: Tunisla [with reading list]. [Revised version.] July 1968. [4] p. il. 4° ([Army Dept.] DA Pan 360-712.) [Adapted from Department of State Background notes series.]
110	A0-71.	Capsule facts for Armed Forces: Togo. July 1968. [3] p. il. 4° ([Army Dept.] DA Pam 360-706.) [Adapted from Department of State Background notes series.]
111	AO-73.	Capsule facts for Armed Forces: Mongolian People's Republic [with bibliography], July 1968. [4] p. il. 4° ([Army Dept.] DA Pam 360- 708.) [Adapted from Department of State Background notes series.] L.C. card 68-61277
112	AO-74.	Capsule facts for Armed Forces: Switzerland. July 1968. 4 p. 4° ([Army Dept.] DA Pam 360-709.) [Adopted from Department of State Background notes series.] L.C. card 68-61277
113	AO-75.	Capsule facts for Armed Forces: Somali Republic. July 1968 [4] p. il. 4° ([Army Dept.] DA Pam 360-710.) [Adapted from Department of State Background notes series.]
114	AO-76.	Capsule facts for Armed Forces: French Guiana [with bibliography]. July 1968. (DA Pam 360-711.) [Adapted from Department of State Background notes series.]
115	ΛΟ-77.	Capsule facts for Armed Forces: Chad [with bibliography], July 1968. [4] p. il. 4° ([Army Dept.] DA Pam 360-715.) [Adapted from De- partment of State Background notes series.]
116	AO-78.	Capsule facts for Armed Forces: Bahamas [with bibliography]. July 1968, [3] p. 11. 4° ([Army Dept.] DA Pam 360-714.) [Adapted from Department of State Background notes series.]
117	AO-79.	Capsule facts for Armed Forces: Malawi [with bibliography]. July 1968. [4] p. fl. 4° ([Army Dept. DA Pam 360-715.) [Adapted from De- partment of State Background notes series.]
118	AO-81.	Capsule facts for Armed Forces: Panama. July 1968. [4] p. il. 4° ([Army Dept.] DA Pam 360-717.) [Adapted from Department of State Background notes series.]
119	AO-82.	Capsule facts for Armed Forces : Canada. July 1968. 8 p. 11. 4º ([Army Dept.] DA Pam 360-718.) [Adapted from Department of State Back- ground notes series.] L.C. card 68-61277
120	AO-83.	Capsule facts for Armed Forces: British Honduras, July 1968. [2] p. il. 4° ([Army Dept.] DA Pam 360-719.) [Adapted from Department of State Background notes series.] L.C. card 68-61277
121	AO-85.	Capsule facts for Armed Forces: Luxembourg. July 1968. [4] p. il. 4° ([Army Dept.] DA Pam 360-717.) [Adapted from Department of State Background notes series.]
122	AO-87.	Capsule facts for Armed Forces : Cuba. July 1968. [4] p. il. 4 ^o ([Army Dept.] DA Pam 860-723.) [Adapted from Department of State Back- ground notes series.]
123	AO-88.	Capsule facts for Armed Forces: Morocco [with bibliography]. July 1968, [4] p. 11. 4° ([Army Dept.] DA Pam 360-724.) [Adapted from Department of State Background notes series.]
124	AO-93.	Capsule facts for Armed Forces: Turkey, Aug. 1968. [4] p. il. 4° ([Army Dept.] DA Pam 360-738.) [Adapted from Department of State Background notes series.]
125	AO-95.	Capsule facts for Armed Forces: Macao. July 1968. [3] p. 11. 4° ([Army Dept.] DA Pam 360-729.) [Adapted from Department of State Back- ground notes series.] L.C. card 68-61277
		E Sale by Cleaninghouse U.S. Department of

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

	DoD [pai	mphlets]—Continued
126	AO-96.	Capsule facts for Armed Forces: Bahrain [with reading list]. July 1968. [4] p. 11. 4° ([Army Dept.] DA Pam 360-730.) Adapted from Department of State Background notes series]
127	AO-99.	Capsule facts for Armed Forces: Congo (Kinshasa), July 1968, [4]
128	AO-100.	ment of State Background notes series.] Capsule facts for Armed Forces: Muscat and Oman [with reading list]. Aug. 1968, [4] p. il. 4° ([Army Dept.] DA Pam 360-740.) [Adapted from Department of States Background notes series.] L.C. card 68-61277
129	AO-101,	Capsule facts for Armed Forces: Kenya, Aug. 1968. [4] p. il, 4° ([Army Dept.] DA Pam 360-741.) [Adapted from Department of State Back
130	AO-102,	Capsule facts for Armed Forces: Bhutan. July 1968. [4] p. il. 4. ([Army Dept.] DA Pam 360-733.) [Adapted from Department of State Background notes series.]
131	AO-104.	L.C. card 68-61277 Capsule facts for Armed Forces: Chile. Aug. 1968. [4] p. fl. 4° ([Army Dept.] DA Pam 360-743.) [Adapted from Department of State Back- ground notes series.] L.C. card 68-61277
100		L.C. card 68-61277
132	VR-9.	Vietnam review: 9, Opinions of Asian and Pacific leaders. July 1968. 4 p. 11. 4° [adapted from Department of State Vietnam information notes series.]
		ARMY DEPARTMENT, Defense Dept. Washington, DC 20310
	AMC pami	phlet. (Army Materiel Command.)
133	11-5. Ari	ny programs, line of balance. Aug. 1968, cover title [11] Lag p. 11 40
		ny programs, line of balance. Aug. 1968. cover title, [1]+46 p. il. 4° Issued with perforations.] ‡ Item 322-A .C. card 77-600038 D 101.22/3:11-5
134	Civilian pe	ersonnel pamphlet CPP (series).
	title 8º 343 DS, Def DS,	in travel and transportation, permanent change of station travel, getting dy to go, while you are traveling, after you arrive, summarization of en- ements, glossary of common travel terms. Sept. 1968. vi+35 p. narrow ([Air Force Dept. pamphiet] AFP 40-18; [Navy Dept.] NAVSO P- 2; [Marine Corps] NAVMC 2623; [Defense Supply Agency handbook] AH 5000.2.) [Joint travel regulations, v. 2, governs civilian travel in ense Department. [Supersedes AFP 40-5-7/CPP63/NAVEXOS P-2432/ AH 5000.2, Oct. 1, 1963.]; † Item 323-D D101.37; 63
	mout ter	ons Research & Engineering Laboratory, Hanover, N.H.: Tech- ort. (Army Materiel Command.)
135	215. Виоу Аа	ancy stabilized hot point drill for glacier studies: [by] Haldor W. C. mot. Oct. 1968. 111+5+[2] p. 11. 4° (DA project 1T061101A91A.) 1 D 103.33: 215
	Field man	al FM (series). • Item 324 D 101 90 (non)
136	1067. Pe	It is used with perforations. Supersedes FM 10-20, Sept. 25, 1962.
137	57-38, Pa	thinder operations. Oct. 1968. cover title, 75+[1] p. il. 4° [Super- sedes M 57-38, Mar. 28, 1966. Issued with perforations.] ‡
138	A new life. [22] p. i	a new world, today's Women's Army Corps. [1968.] cover title. 1. 4° [Text and other illustrations on p. 1-4 of cover. Illustra-
139		v number not used.] D 101.2: W 84
	Pamphlets.	e 14. 005
140		Life cycle management model for Army systems. Oct. 1968, cover title.
141	27-6.]	Principles governing line of duty and misconduct determinations in Army. Oct. 1968. cover title, 25 p. 4° [Issued with perforations. Supersedes DA Pam 27-6: Mar. 17, 1965.]
142	37-10.	nternal review guide [June 30, 1964] Change 2, Oct. 24, 1069, 17000 -
143	360-234. 7	title, [16] n il 4° +
144 145 146	000 -100, K	See Armed Forces Information Service DoD pamphlet AO-71. See Armed Forces Information Service DoD pamphlet AO-73. See Armed Forces Information Service DoD pamphlet AO-74.

TDistribution	Superintendent of Documents Made by Issuing Office
‡Official Use.	Not Available

JANUARY 1969

$\begin{array}{c} 147\\ 148\\ 149\\ 150\\ 151\\ 152\\ 153\\ 154\\ 156\\ 157\\ 158\\ 156\\ 161\\ 162\\ 166\\ 166\\ 166\\ 167\\ \end{array}$	$\begin{array}{c} 360-711, \\ 8\\ 360-712, \\ 8\\ 360-713, \\ 8\\ 360-713, \\ 8\\ 360-713, \\ 8\\ 360-715, \\ 8\\ 360-719, \\ 8\\ 360-719, \\ 8\\ 360-721, \\ 8\\ 360-721, \\ 8\\ 360-720, \\ 8\\ 360-720, \\ 8\\ 360-730, \\ 8\\ 360-730, \\ 8\\ 360-741, \\ 8\\ 360-743, \\ 8\\ 360-743, \\ 8\\ 360-743, \\ 8\\ 360-743, \\ 8\\ 360-743, \\ 8\\ 360-743, \\ 8\\ 360-743, \\ 8\\ 360-743, \\ 8\\ 360-743, \\ 8\\ 360-743, \\ 8\\ 360-743, \\ 8\\ 385-3, \\ 1\end{array}$	ee Armed Forces Information Service DoD pamphlet AO-75. ee Armed Forces Information Service DoD pamphlet AO-76. ee Armed Forces Information Service DoD pamphlet AO-77. ee Armed Forces Information Service DoD pamphlet AO-77. ee Armed Forces Information Service DoD pamphlet AO-78. ee Armed Forces Information Service DoD pamphlet AO-81. ee Armed Forces Information Service DoD pamphlet AO-82. ee Armed Forces Information Service DoD pamphlet AO-83. ee Armed Forces Information Service DoD pamphlet AO-85. ee Armed Forces Information Service DoD pamphlet AO-85. ee Armed Forces Information Service DoD pamphlet AO-86. ee Armed Forces Information Service DoD pamphlet AO-96. ee Armed Forces Information Service DoD pamphlet AO-97. ee Armed Forces Information Service DoD pamphlet AO-96. ee Armed Forces Information Service DoD pamphlet AO-90. ee Armed Forces Information Service DoD pamphlet AO-910. ee Armed Forces Information Service DoD pamphlet AO-100. ee Armed Forces Information Service DoD pamphlet AO-101. ee Armed Forces Information Service DoD pamphlet AO-104. Protective clothing and equipment. Aug. 1968. cover title, [3]+iv +152 p. il. 4° ‡ LC. card 70-600169
168		Area handbook for Cambodia [with bioliographies; by] Freerick I. Munson [and others]. Oct. 1968. xviii+364 p. il. 1 pl. [Prepared by Foreign Areas Studies, American University, Washington, D.C. Re- search and writing completed on Dec. 15, 1967. Supersedes DA Pam 550-50, Apr. 1963.] * Cloth, \$3.00.
169		Area handbook for Thailand [with bibliographies; by] Harvey Ji. Smith [and others]. [Revision.] Sept. 1968. xvi+558 p. fl. [Pre- pared by Foreign Area Studies, American University, Washington, D.C. Research and writings were completed on May 31, 1967. Super- sedes DA Pam 550-53, June 1963.] * Cloth, \$4.00.
170		Area handbook for Tanzania [with bibliographies; by] Allison Butter Herrick [and others]. Oct. 1968. xvi+[2]+522 p. il. [Prepared by Foreign Area Studies, American University, Washington, D.C. Re- search and writing completed on Jan. 31, 1968.] Fabrikold, \$3.75.
171		Information for dependents traveling to overseas areas [Nov. 18, 1960], Change 1, Apr. 23, 1968. [1968.] 1 p. 4° [Issued with perfora-
172	715–50.	Tools.] The procurement legal service, cumulative index-digest/table of materials digested Nov. 12, 1968. 13 p. 4° [Issued with perforations. Supersedes DA Pam 715-50, Oct. 27, 1967.] * Paper, 15c.
173	Procureme 5-year p	nt and production, manufacturing methods and technology, rogram FY 1968-72 [1969-73]. July 1968. cover title, [2] leaves 0] p. 4° (Army Materiel Command.) ‡ • Item 325 D 101.2: M 31/5/969-73
	Technical	manual TM (series). • Item 329 D 101.11:(nos.)
174	5-330.	 Planning and design of roads, airbases, and heliports in theater of operations. Sept. 1968. cover title, [393] p. 11. 4° (Air Force Dept. AFM 86-3, v. 2.) [Issued with perforations. Supersedes TM 5-220, July 15, 1963, TM 5-225, Mar. 7, 1962, TM 5-366, Nov. 10, 1965, TM 5-541, Jan. 15, 1963, TB 5-330-1, Jan. 30, 1967, TB ENG 37, July 10, 1959, Chaps. 11-16 supersedes chap. 5, AFM 86-3, Jan. 20, 1967.) ‡
175	5-725.	Rigging. Oct. 1968. cover title, 136+[1] p. il. 4° [Issued with per- forations. Supersedes TM 5-725, Mar. 20, 1964.]
176	5-805-8.	Building construction materials and practices: Builders' hardware. Oct. 1968. cover title, 25+[60] p. 11. 4° (Air Force Dept. AFM 88-4, Chap. 2.) [Issued with perforations. Supersedes TM 5-805-8/ AFM 88-4, Chap. 2. (formerly designated Corps of Engineers Man- rel DM 1110. 245, 121). Aug. 31. 1061 and Chapters 1-7.) t
177	5-823-3.	Army airneid and neuport, right and overlay pavement cash, [1], and list of references]. Oct. 1968. cover title, 33+1-3+[1] p. H. 4° [Issued with perforations. Supersedes TM 5-823-3, Apr. 15, 1959, formerly designated Dept. of Defense, Corps of Engineers manual EM 110-2-313, including Changes 1 through 6.1
178	5-827-2.	Evaluation of airfield pavements other than Army: Flexible airfield pavement evaluation [with list of references]. Oct. 1968. cover title, 85+[1] p. il. 4° (Air Force Dept. Air Force manual AFM 88-24, chap. 2.) [Supersedes TM 5-827-2 (EM 1110-45-752), Apr. 15, 1959, and AFM 88-24, Chap. 2, Apr. 15, 1959, including C 2, Dec. 202062 [Lucard artic participant].
179	10-500-3	 20, 1965.] [Issued with perforations.] + 9. Afrdrop of supplies and equipment: Rigging containers, Change 1 [with list of references]. Sept. 20, 1968. [27] p. il. 4° (Air Force [Technical order] 13C7-1-11, C 1.) [Issued with perforations.] ‡
		. Out to Observation U.S. Department of

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

USAAVLABS technical reports. (Army Aviation Materiel Laboratories, Fort Eustis. Va.) D 117.8/2:(nos.)

180

Fort Eustis. Va.) D 117.8/2:(nos.)
68-48. Design and component test of engine air inflet particle separator for CV-7A alrecard, final report (with list of literature cited); by R. J. Duffy Aug. 1968. [1] + ii+64 + [2] p. II. +* [Project 17062103047, contract DA 44-177-AMC-343 (T).) [Prepared by General Electric Company, West Lynn, Mass.]
68-49B. Investigation of dynamic stability characteristics of quad configuration, ducted propeller V/STOL model: v. 2, phase 2, Longitudinal dynamics at high duct incidence data report [with list of references]; by Wil-liam F. Putnam [and others]. Aug. 1968. [1] + xviil+60+12] p. ii. 4° (Task IF162204A14233, contract DAAJ02-67-C-0025; Aerospace sciences report 836.) [Prepared by Department of Aerospace and Mechanical Sciences, Princeton University, Princeton, N.J.] ±
68-56. Investigation of composite structures fabricated with advanced high-strength, high-modulus reinforcement materials, final report [with list of references cited]; by Earl E. Chadesy, jr., Gabriel E. Padawer, Frank Feakes, Aug. 1968. [1] + ix+35+121 p. ii. 4° (Task IF125001A17001, contract DAAJ02-67-C-0091.) [Prepared by Norton Research Corporation, Cambridge, Mass.] ‡

ARMY MEDICAL SERVICE, Defense Dept. Washington, DC 20310

183 Army Medical Specialist Corps; editor in chief Robert S. Anderson, editors Harriet S. Lee, Myra L. McDaniel. 1968. xxvii+648 p. il. (Office of Surgeon General.) * Cloth, \$5.25. • Item 351-A L.C. card 68-60001

D 104.2: Sp 3

184 Medical Department, Army : Medical supply in World War II [prepared by Historical Unit]; editor in chief Robert S. Anderson, editor for medical supply Charles M. Wiltse. 1968. xxv+662 p. il. large 8° (Office of Surgeon General.) * Cloth, \$8.25. • Item 352-A L.C. card 68-61753

D 104.11 : Su 7/11

ATOMIC ENERGY COMMISSION Washington, DC 20545

	AEC research and	development reports. Y 3.At 7: 22/letters-nos
185	CONF-660838.	education, Aug. 29-31, 1966, Gatlinburg, Tenn. [with lists of references]. [1968,] iii+142+[2] p. ii. 49 (Oak Ridge Associated Universities, Inc., Oak Ridge, Tenn.) [Title on cover is: Impact of engineering blo- engineering on engineering advantage.
186	HASL-195.	Gatlinburg, Tenn.] Φ Paper, \$3.00. Radiation field in air cue to distributed gamma-ray sources in ground [with list of references]; by H. Beck [and] G. dePlanque. May 1968. [2]+vii+53 p. il. 4° (Health and Safety Laboratory, New York, N.Y.) Φ Paper, \$3.00.
187	HASL-200.	Health and Safety Laboratory fallout program quarterly summary report (June 1-Sept. 1, 1968); prepared by Edward P. Hardy, jr. [and] Joseph Rivera. Oct. 1, 1968. [87] p. il. 4° (Environmental Studies Division.) [In- cludes list of recent publications related to radionuclide studies.] 4 Paper, \$3.00. L.C. card 68-62525
188	HASL-200, app.	Health and Safety Laboratory fallout program quarterly summary report [June 1-Sept. 1, 1968], appendix. Oct. 1, 1968, cover title, [364] p. il. 4° Φ Paper, \$3.00. L.C. card 68-62525
189	MIT-2073-7.	Effect of uranium-236 and neptunium-237 on value of uranium used as feed for thermal power reactors (with list of references; by] Manson Benedict [and others]; June 30, 1968. [1]+184 p. il. 4° ([Massachusetts In- stitute of Technology, Department of Nuclear Engineer- ing, Cambridge, Mass 1: contract AT (20 Department)
190	ORO-660,	 Φ Paper, \$3.00. Radiation pasteurization of Gulf shellfish, annual report, Jan. 1-Dec. 31, 1967; by Arthur F. Novak [and] Joseph A. Lluzzo. Jan. 30, 1968. iv+40 p. 4° (Department of Food Science and Technology, Louisiana State Uni- versity, Baton Rouge, La.; contract AT-(40-1)12951.) [Prepared for Division of Isotopes Development.] Φ Paper, \$3.00.
	*For Sal †Distribu	e by Superintendent of Documents

Page 10

ion Made by Issuing Office Official Use. Not Available

181

JANUARY 1969

191	RLO20432.	 Grafting of organic polymers onto inorganic substances, final report [with bibliography]; by R. A. V. Raff. Jan. 30, 1968. cover title, v+114 p. 11. 4° (Washington State University, Research Division, Pullman, Wash.; [contract AT(45-1)-2043].) [Prepared for Division of Isotopes Development.] & Paper, \$3.00. Bibliographies of interest to atomic energy program, 1962– 66. (complied by Theodore F. Davis and others1. Aug.
192	TID-3350.	Isotopes Development.] & Paper, \$3.00. Bibliographies of interest to atomic energy program, 1962– 66; [compiled by Theodore F. Davis and others]. Aug.
193	TID-4060(1st ed.)	 Bibliographies of interest to atomic energy program, 1502-66; [compiled by Theodore F. Davis and others]. Aug. 1968. cover title, vi+250 p. 4° Paper, \$3.00. Research and development in progress: Biology and medicine. Sept. 1968. vii+333+176 p. 4° (Division of Biology and Medicine, AEC.) [Indexes prepared by Division of Technical Information Extension.] Paper, and the second second
194	T1D-4579(2d ed.).	 \$3.00. Serial titles cited in Nuclear science abstracts. July 1968. [3]+273 p. oblong 8° (Division of Technical Information Extension.) [Page 273 appears on p. 3 of cover.] \$Paper, \$3.00.
195	TID-8200.(18th rev.).	Nuclear reactors built, being built, or planned in United States as of June 30, 1968; prepared by Office of Assistant General Manager for Reactors. [1968.], cover title, 34 p. 11, 4° (Division of Technical Information.)
196	WASH-1123.	 4 Paper, 53.00. Atlas of domestic turkey (Meleagris gallopavo), myology and osteology [with bibliography]; by E. B. Harvey, H. E. Kaiser, and L. E. Rosenberg. [1968.] xi+247 p. il. 4° ([Division of Biology and Medicine.]) * Paper, \$2.75. ● Item 1051-C L.C. card 68-62209
197	Baranowski, Direct sion, at symposium politan Section of	duction of californium 252, remarks by Frank P. or, Division of Production, Atomic Energy Commis- on californium 252, sponsored by New York Metro- American Nuclear Society, New York, N.Y., Oct. 22, leaves, 4° (S-40-68) † Y 3.At 7: 34B 23
198	Atomic Energy Con Nova University, F (S-47-68.) †	rogress, remarks by Glenn T. Seaborg, chairman, mmission, at third annual banquet of Gold Key of ort Lauderdale, Fla., Nov. 25, 1968. 1968. 10 leaves, 4° Y 3.At 7: 34Se 1/164
199	Glenn T. Seaborg, o meeting on Council	y partnership in graduate education, remarks by chairman, Atomic Energy Commission, at 8th annual of Graduate Schools in United States, San Francisco, . 1968. 23 leaves. 4° (S-50-68.) † Y 3.At 7:34Se 1/165
200	Commissioner, Ato Division of Plasma	search and technology, remarks by Gerald F. Tape, mic Energy Commission, at 10th annual meeting of Physics of American Physical Society, Miami Beach, 5, 1968. 14 leaves, 4° (S-46-68.) † Y 3.At 7: 34T 16/15
201	tor, Division of Inc 1968 annual confer	industry 1968, remarks by Ernest B. Tremmel, direc- lustrial Participation, Atomic Energy Commission, at ence of Atomic Industrial Forum, Washington, D.C., 68.] 15+[8] leaves, 4° (S-44-68.) † Y 3.At 7:34T 72/7
202	Atomic Energy Co Laboratory, Miami 68.) †	nclear age, remarks by Glenn T. Seaborg, Chairman, mmission at 20th anniversary celebration of Mound sburg, Ohio, Oct. 18, 1968. 1968. 9 leaves, 4° (S-37- Y 3.At 7 : 34Se 1/162
203	man, Atomic Energ New York, N.Y., O †	38 and beyond, remarks by Glenn T. Seaborg, Chair- y Commission, at Financial Forum on Nuclear Energy, bet. 30, 1968, 1968, 19+[10] leaves, il. 4° (S-39-68.) Y 3.At 7:34Se 1/163
204	groundbreaking cer Ill., Dec. 1, 1968. 19	 Seaborg, Chairman, Atomic Energy Commission at remony for National Accelerator Laboratory, Batavia, 68. 7 leaves, 4° (S-49-68.) † Y 3.At 7: 34Se 1/166
205	Remarks by Wilfrid	E. Johnson, Commissioner, Atomic Energy Commis-

sion at Headliner Awards Dinner, Oklahoma City, Okla., Nov. 22, 1968. 1968. 10 leaves, 4° (S-48-68.) † Y 3.At 7: 34J 639/10

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

206 Studies in workmen's compensation and radiation injury.

v. 4. Parallel study on workmen's compensation claims arising from exposure to asbestos and beryllium [with bibliography]. [1968.] iii+199 p. ii. [Span-sored by Department of Labor and Atomic Energy Commission.] f Item 1051 & 745 Y 3.At 7:2R 11/28/v.4

207

Study of competition among suppliers in United States nuclear power industry, remarks by James T. Ramey, Commissioner, Atomic Energy Commission at 1968 annual conference of Atomic Industrial Forum, Washington, D.C., Nov. 14, 1968. 1968. 5 leaves, 4° (S-45-68.) ÷ Y 3.At 7: 34/R 14/16

208

209 210 211

Toward a new scientific era, remarks by Glenn T. Seaborg, Chairman, Atomic Energy Commission at convocation dedicating Richard King Mellon Hall of Science, Duquesne University, Pittsburgh, Pa., Nov. 15, 1968. 1968. 13 leaves, 4° (S-42-68.) + Y 3.At 7: 34Se 1/167

AVIATION MEDICINE OFFICE, Transportation Dept. Washington, DC 20553

[Aviation medical report] AM (series).

- TD 4.210:(nos.)
- Aviation inerical report AM (series).
 68-2. Adaptation to vestibular disorientation: 9, Influence of head position on habituation of vertical nystagmus [with list of references; by] William E. Collins. Mar. 1968, [4]+6+[2] p. 11. 4° Φ Paper, \$3.00.
 68-5. Usage of combined airman certification by active airmen, active airman population estimate; [by] Charles F. Booze, ir. Mar. 1968, [1]+iii +13+[1] p. 11. 4° Φ Paper, \$3.00.
 68-15. Effects of two antihistamine-containing compounds upon performance at three altitudes [with bibliography; by] E. Arnold Higgins [and others]. [4]+9+[2] p. 11. 4° Φ Paper, \$3.00.

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

- 212 BDSA publications list. [Oct. 1968.] [2]+32 p. il. narrow 8° † • Item 215-E C 41.12 : P 96/4/968
- 212A Commerce, your business and ours, address by Rodney L. Borum, Administrator, Business and Defense Services Administration, Department of Commerce, prepared for delivery at annual meeting of Packaging Ma-chinery Manufacturers Institute, Washington, D.C., Oct. 23, 1968, 1968. 10 p. 4° C 41.15 : B 64/7
- 213 Marketing 1975, change and challenge, address by J. E. Katz, Director of Office of Marketing, Business and Defense Services Administration, Department of Commerce, prepared for delivery before "tf" Club of Cleveland, Ohio, Oct. 21, 1968. [1968.] 9 p. 4° ÷ C 41.15 : K 15/8
- 214 Packaging panorama, U.S.A., address by Charles A. Lewis, Director of Office of Consumer Goods, Business and Defense Services Administration, Department of Commerce, prepared for delivery at Packaging Convention of French Packaging Institute in conjunction with International Packaging Show of Paris Nov. 26, 1968. 1968. 11 p. 4° † C 41.15 : L 58/2
- Packaging's effect on society, Government view, address by Charles A. Lewis, Director of Office of Consumer Goods, Business and Defense Services Administration, Department of Commerce, prepared for delivery at 30th annual National Packaging Forum of Packaging Institute, New York, N.Y., Oct. 9, 1968, 1968, 10 p. 4° C 41.15: L 58
- 216 U.S. lumber exports, 1953-66. 1968. iv leaves+59 p. 4° ([Forest Products and Packaging Division.]) * Paper, 65c. • Item 215-U L.C. card 72-60013 C 41.101: 953-66
- 217 United States lumber exports, 1967. July 1968. 10 p. 4° (Forest Products and Packaging Division.) † Paper, 10c., Commerce Department, Sales and Distribution Section, Washington, DC 20230 L.C. card 67-61472
 - C 41.101 : 967
- 218 United States lumber imports, 1953-66. [1968.] iv+26 p. 4° (Forest Products and Packaging Division.) * Paper, 35c. • Item 215-U L.C. card 72-60013 0 41.101/2: 953-66

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

Page 12

JANUARY 1969

CENSUS BUREAU, Commerce Dept. Suitland, MD 20233

Census of governments of 1967: v. 6, Topical studies. (Government Division.) 4. State payments to local governments. 1968. [3]+109 p. 4° * Paper, \$1.00. Item 148-A L.C. card A 68-7201 C 3.145/4; 967/y.6 no.4 219 C 3.145/4 : 967/v.6 no.4 1963 census of manufactures: v. 4, indexes of production, Change sheet. Oct. 1968. [6] p. 4° [Replaces change sheet dated Sept. 1968.] † 220 0 3.24: 963/v.4/ch. 221 1967 censuses of business, manufactures, mineral industries, and transportation : Geographic area coding manual : v. 1, Cross reference manual ; prepared by Systems Division. Oct. 1968. cover title, [1]+555 p. 4° [Issued with perforations.] † • Item 146-A L.C. card A68-7940 C 3.6/2 : G 29/v.1222 Changes in Schedule B, Statistical classification of domestic and foreign commodities exported from United States, Jan. 1, 1965, edition; effective Jan. 1, 1969. [1968.] [80] p. 4° (Public bulletin B-6.) [Issued in looseleaf form.] * Paper, \$6.00 (including basic publication and supplemen-tary material for an indefinite period); \$1.50 additional for foreign mailing. • Item 148 C 3.150 : B/965/ch.6 Construction reports: Residential alterations and repairs, C50 (series). 223 224 Current industrial reports: Backlog of orders for aerospace companies, summary for 1967. Nov. 20, 1968. 4 p. 4° (Series M37D(67)-5.) † Paper, 25c. • Item 142–A C 3.158: M 37 D(67)-5 -- Closures for containers, summary of 1967. Nov. 12, 1968. 7 p. 4° (Series M34H(67)-13.) † Paper, 15c. • Item 142-A C 3.158: M 34 H(67)-13 226 - Commercial steel forgings, 1967. Nov. 15, 1968. 2 p. 4° (Series MA-33C(67)-1.) † Paper, 25c. • Item 142-A C 3.158: MA-33 C(67)-1 227 -Construction machinery, summary for 1967. Nov. 21, 1968. 17 p. il. 4° (Series MQ-35D(67)-5.) † Paper, 25c. • Item 142-A C 3.158: MO-35 D(67)-5 228 -Electric housewares and fans, 1967. Nov. 19, 1968. 3 p. 4° (Series MA-36E(67)-1.) † Paper, 25c. • Item 142-A C 3.158: MA-36 E(67)-1 229 - Electric lighting fixtures. Nov. 13, 1968. 4 p. 4° (MA-36L(67)-1.) † Paper, 25c. • Item 142-A C 3.158: MA-36 L(67)-1 230 - Fats and oils, production, consumption, and factory and warehouse stocks, summary for 1967. Nov. 20, 1968. [3]+15 p. 4° (Series M 20K C 3.158: M 20 K (67)-13 (67)-13.) † Paper, 15c. • Item 142-A 231 Fats and oils, summary for 1967. Oct. 18, 1968. [3]+12 p. il. 4° (Series M 20J (67)-13) † Paper, 15c. • Item 142-A C 3.158: M 20 J (67)-13 232 -Lumber and mill stocks, 1967. Oct. 18, 1968. [3]+7 p. 4° (Series MA-24T(67)-1.) † Paper, 25c. • Item 142-A C 3.158: MA-24 T(67)-1 233 - Metal cans, summary for 1967. Nov. 8, 1968. [3]+13 p. 4° (Series M34D(67)-13.) † Paper, 15c. • Item 142-A C 3.158: M 34 D(67)-13 234 - Office, computing, and accounting machines, 1967. Nov. 6, 1968. 3 p. 4° (Series MA-35R(67)-1.) † Paper, 25c. • Item 142-A C 3.158: MA-35 R(67)-1 ΦFor Sale by Clearinghouse, U.S. Department of Commerce, Springfield, Va. 22151 •Sent to Depository Libraries Page 13

235	Current industrial reports: Plumbing fixtures, summary for 1967. Nov. 7, 1968. 7 p. 4° (Series M 34E(67)-5.) † Paper, 25c. • Item 142-A C 3.158: M 34 E(67)-5
236	 — Sales of lubricating and industrial oils and greases, 1967. Nov. 21, 1968. 10 p. 4° (Series MA-29C(67)-1.) † Paper, 25c. Item 142-A C 3.158: MA-29 C(67)-1
237	
238	— Sulfuric acid, 1967. Nov. 7, 1968. 6 p. 4° (Series M 28A (67) −13 supp. 1.) † Paper, 15c. • Item 142−A C 3.158 : M 28 A (67) −13/supp.
	Current population reports: Series P-20, Population characteristics. * Paper, \$8.50 (including Series P-20, P-23, P-25, 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.)
239 240	175. Negro population, Mar. 1967. Oct. 23, 1968. 8 p. il. 4° * Paper, 5c. 176. Households and families by type, 1968. Nov. 5, 1968. 4 p. il. 4° * Paper, 10c.
241 242	 Current population reports: Series P-25, Population estimates. * Paper, \$8.50, (including Series P-20, P-23, P-25, P-27, P-28 summaries, P-60, and P-65 for one year), \$2.50 additional for foreign mailing; single copy, prices vary. If then 142-C C 3.186: P-25/(nos.) 410. Estimates of population of United States to Oct. 1, 1968. Nov. 19, 1968. 2 p. 11, 4° * Paper, 5c. 411. Provisional estimates of population of 100 large et al.
	Current population reports: Series P-28, Special censuses. * Paper, \$8.50 (including Series P-20, P-23, P-25, P. 27, D. 29, Paper, \$8.50)
	prices vary. 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
243 244 245	 1469. Special census of Colonie town, New York, Apr. 5, 1968. Aug. 29, 1968. 8 p. il. 4° † Paper, 10c. 1475. Special census of Cherry Hill township, New Jersey, July 15, 1968. Oct. 28, 1968. 10 p. il. 4° † Paper, 10c. 1476. Nerro population of selected areas of United States in which special censuses have been taken, Jan. 1, 1965–June 30, 1968; prepared by Laura Heriot. Dec. 6, 1968. 10 p. 4° (Ethnic Origins Statistics Branch, Population Division.) * Paper, 15c.
246	 Current population reports: Series P-65, Consumer buying indicators. * Paper, \$8.50 (including Series P-20, P-23, P-25, 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-65/(nos.) 24. Recent purchases of cars and household durables and expected expenditures during months ahead, survey data through Oct. 1968. Nov. 18, 1968. 16
247	Government finances/GF 67 (series). 2. City government finances in 1966-67. [Nov. 1968.] iii+75 p. 4° ([Governments Division.]) * Paper, 70c. Item 146-E L.C. card 34-28211 C 3.191/2:967/2
248	Manufacturers' shipments, inventories, and orders, 1961-68. [Sept. 1968.] iii+92 p. 4° (Series M3-1.1; [Industry Division.]) * Paper, \$1.00. • Item 227-B
249	L.C. card A63-7846 C 3.231: M 3-1.1 [Publication announcement], recurrent publications on governments, scheduled for issuance in Oct. 1968 through June 1969. [Nov. 1968.] [5] p. narrow 8° ([Form BC-1645.]) † C 3.163/4: G 74/968-69
50	 U.S. census of agriculture, 1964, farms, farm characteristics, livestock and products, crops, fruits, values; v.3 [Special reports] pt. 2. Farm labor, errata sheet no. 2. Aug. 22, 1968. [2] p. 4° † Item 152 C 3.31/5:964/v. 3/pt. 2/errata2
age	*For Sale by Superintendent of Documents Distribution Made by Issuing Office

Page 14

U.S. census of population, 1960: Subject reports, final report PC(2) (series). [Prepared under supervision of Herman P. Miller, chief, Population Division.]

pt. 3C. Women by children under 5 years old, current fertility by social and economic characteristics of women and their families. [Dec. 1968.] xx + 140 p. il. 4° * Paper, \$1.50. • Item 159 L.C. card A61-2570 C 3.223/10:960/v. 2/pt. 3C

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

Statistical series.

92. Child welfare statistics, 1967. 1968. vii+49 p. il. 4° [Text on p. 2 of cover.] † • Item 454 L.C. card HEW 63-8 FS 17.213:92

CIVIL AERONAUTICS BOARD Washington, DC 20428

Aircraft operating cost and performance report calendar years 1966 and 253 (Costs and Sta-1967 [v.2]. [Aug. 1968.] viii+[1]+124 p. oblong 8° tistics Division, Bureau of Accounts and Statistics.) * Paper, \$2.00. • Item 177-A-1 L.C. card 68-60217

C 31.259:2

Civil Aeronautics Board report to Congress fiscal year, 1968. [1968.] ix+ 254 190 p. il. 4 pl. * Paper, \$1.50. • Item 178 L.C. card 42-37710

Economic regulations.

- pt. 208. Terms, conditions and limitations of certificates to engage in supple-mental air transportation. [1968.] [17] p. 4° [Issued as ER-454 effective May 13, 1966, as amended through Dec. 1, 1967.] * Paper, 15c (incorrectly given in publication as 5c.). C 31.220:208/4 255
- Local service industry, problems and challenges, address by G. Joseph Minetti, member of Civil Aeronautics Board before Association of Local Transport Airlines' fall quarterly regional meeting, Oct. 6-8, 1968, Lihue, Island of Kauai, Hawaii. 1968. 20 p. 4° C 31.215 : M 66/5 +
- Remarks of John G. Adams, member, Civil Aeronautics Board, before Jefferson Parish Branch, New Orleans Chamber of Commerce, New Orleans, La., Nov. 21, 1968. 1968. 12 p. 4° † C 31.215 : Ad 1/12

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

- Federal civil defense guide: pt. D, chap. 2, app. 1, annex 2, Protective devices for storage of shelter supplies, Sept. 1968. [1]+13 p. il. 4° [Issued with perforations.] † Item 320-B-3 258 D 119.8/4: pt.D/chap.2/app.1/annex 2 L.C. card 65-61505
- pt. F, chap. 5, app. 1, Change 7, Federal contributions for civil defense equipment. Oct. 1968. [13] p. 4° [Includes pt. F, chap. 5, app. 1, annex 2594, Oct. 1968, Financial assistance for emergency communications. Issued in looseleaf form. Supersedes F-5-1-4, dated Feb. 1967.] † • Item 320-B-3 D 119.8/4: pt.F/chap.5/app.1/ch.7

	FG (series). † • Item 320–B–3	D119.8/3:(nos.)
260	E-4.1. Basic emergency broadcast system plan, 1st 1 1967, Change 1. Oct. 1968, [3] p. 4° [Prep Federal Communications Commission and Offic Issued with perforations.]	e of Emergency Planning.
261	F-1.2. National directory of qualified fallout shelter 4 1, June 1968, vi + 63 p. L.C. card 62-61084	
261A	F-3.44. See Oil and Gas Office, Emergency operations gumission and distribution industry.	iide for natural gas trans-
	[Handbook] H (series).	
262	11-K-1. Community action for civil defense, leader's gui cover title, 40+[4] p. 4° [Issued with p 857-D-10	ide, workshop. Sept. 1968. erforations.] † ● Item D 119.8/2:11-K-1

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

251

252

C 31.201:968

	[Leanet] L (series).
63	52. A Nation prepared, the vital factor in emergency health services and civil defense. July 1968. [8] p. fl. narrow 8° [Includes list of other publications.] † ● Item 857-D-5
	Miscellaneous publication MP (series).
64	52-1. Selected excerpts on civil defense from published congressional documents. 1968, Sept. 1968, [3]+55 p. ↑ ● Item 857-D-11 D 110 11 50 J
	Thom 000 D o
65 66	all Fallout shelters Des 1000 0 - 17 to to
90	Cover title, 32 p. 11. oblong 12° [Project of School of Design, North
37	52/B. Radiation shielding for analitation The A
	Carolina State University under contract of School of Design, North
88	Office of Civil Defense.] +
	52/C. Radiation shielding for architects : Fundamentals of application. Apr. 1968. cover title, 48 p. fl. oblong 12° [Project of School of Design. North Carolina State University, under contract with Department of Defense.

CIVIL RIGHTS COMMISSION Washington, DC 20425

Clearinghouse publications.

269

2

2

2 2

2

26

- Civil rights under Federal programs, analysis of title 6, Civil rights act of 1964. [1968.] cover title, 15 p. [Text on p. 2-3 of cover.] Iftem 288-A L.C. card 68-67389
 Cycle of nowhere; by Paul Good, [1968.] iv+54 p. il. 4° [Text on p. 2 of L.C. card 68-67360
 CR 1.10: 1/2 CR 1.10:(nos.)

CR 1.10:14

CIVIL SERVICE COMMISSION Washington, DC 20415

- Announcement for postmaster, AN 3300, apply to U.S. Civil Service Commission, Washington, D.C. Sept. 1968. [4] p. [No written test.] † CS 1.28: 3300/9
- Announcement for postmaster, AN 3301, apply to U.S. Civil Service Commission, Washington, D.C. Sept. 1968. [4] p. [Written test required.] CS 1.28: 3301/1
- 273 Announcement for postmaster, AN 3302, apply to U.S. Civil Service Commission, Washington, D.C. Sept. 1968. [4] p. † • Item 292

CS 1.28: 3302/11

274 Announcement for postmaster, AN 3303, apply to U.S. Civil Service Commission, Washington, D.C. Sept. 1968. [4] p. † • Item 292

CS 1.28: 3303/9

- 275 Careers as air traffic control specialists, staring salaries, GS-5, \$5,732: GS-7, \$6,981; GS-9, \$8,462, for duty in locations throughout country. announcement 418, Nov. 1, 1968. [1]+9 p. il. 4° † • Item 292 CS 1.26: 968/418
- 276 Careers in science and engineering, positions in Federal agencies throughout country, grades GS-9-15, announcement 416. Nov. 19, 1968. [2]+6 p. il. 4° [Written test is not required. No closing date.] † • Item 292 CS 1.26: 968/416
- 277 Current Federal examination announcements, AN-2279, issue 186, Nov.-Dec. 1968. [1968.] [2] p. f° folded into narrow 8° size. † • Item 292 CS 1.28: 2279/186
- Current local examinations covering Washington, D.C. metropolitan area, 278 AN 2602-WA, issue 3, Sept-Oct 1968. [1968.] 2 p. il. r. folded into CS 1.28: 2602-WA/3

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

Page 16

270

272

Federal career service at your service, introduction to Federal personnel system, 1969. [1968.] cover title, [24] p. il. 4° [Text and another illustration on p. 2-4 of cover.] * Paper, 30c. • Item 295

CS 1.2 : C 18/4/969

Federal personnel manual FPM supplement. • Item 294

CS 1.41/4:(nos.)

- 512-1. Job grading system for trades and labor occupations. Sept. 1968. cover title, [75] p. [Includes transmittal sheet 1. Issued in looseleaf form.]
 * Paper, \$13.00 (including basic manual and supplementary material issued bimonthly for an indefinite period) \$5.00 additional for foreign mailing 10c. for individual job grading standards. L.C. card 63-62418
 - 512-1. Job grading system for trades and labor occupations. Sept. 1968. [26] p. [Includes transmittal sheet 2. Issued in looseleaf form.] L.C. card 63-62418
- 282 Go Government, Federal service entrance examination, [announcement 410]. [Revised Oct. 15, 1968.] [1968.] 8 p. 4° † • Item 292

CS 1.26: 967/410/rev.-2

- The handicapped speak, 1968 conference on Federal Employment of the Handicapped, conference highlights, June 11, 1968. [1968.] cover title, 24 p. [Text on p. 3 of cover.] † Item 295 CS 1.2: H 19/3/968
- Job grading standard for food service worker WG-7408. [1968.] cover title,
 7 p. [From Federal personnel manual FPM supplement 512-1, TS-2,
 Sept. 1968. Issued with perforations.] * Paper, 10c.

CS 1.41/4: 512-1/trans.2/WG-7408

 Job grading standard for janitor WG-3566. [1968.] cover title, 4 p. [From Federal personnel manual, FPM supplement 512-1, TS-2, Sept. 1968. Issued with perforations.] * Paper, 10c.

CS 1.41/4: 512-1/trans.2/WG-3566

 Job grading standard for laborer WG-3502. [1968.] cover title, 5 p. [From Federal personnel manual FPM supplement 512-1, TS-2, Sept. 1968. Issued with perforations.] * Paper, 10c.

CS 1.41/4: 512–1/trans.2/WG-3502

- Librarian \$6,981 a yr., grade GS-7, for duty in Veterans Administration installations, announcement 197-B. Revised Sept. 1968 [1968.] 7 p. narrow 8° [No closing date.] † Item 292 CS 1.26:959/197B rev.6
- 288 Local and regional civil service examinations offering best job opportunities, AN 2280 [issue 134], Nov.-Dec. 1968. [1968.] [2] p. oblong f°, folded into narrow 8° size. † • Item 292 CS 1.28: 2280/134
- Pamphlets. Item 299

CS 1.48:(nos.)

- 289 70. Go government. [Aug. 1968.] cover title, 28 p. il. 16° ([Bureau of Recruiting and Examining.]) [Text on p. 2 of cover. Some illustrations are colored.] †
- 290 T-4. Off-campus study centers for federal employees FY 1968. [1968.] [3]+v +149 p. 11. 4° * Paper, \$1.25.
- Professional opportunities for social scientists [grades GS9-12], apply to International Board of U.S. Civil Service Examiners for Washington, D.C., 1900 E Street NW, Washington, DC 20415, announcement WAS-827. Nov. 19, 1968. [1]+5 p. 4° [No closing date. No written test.] †
 Item 292 CS 1.26/4: 968/WAS-827
- 292 Summer jobs in Federal agencies, opportunities are limited apply early to receive maximum consideration, announcement 414. Oct. 15, 1968. [2]
 +37 p. narrow 8° † Item 292 CS 1.26: 968/414
- Veterinarian trainee, grade GS-7, \$6,981 a year, summer employment for juniors in veterinary medicine, apply to Interagency Board of Civil Service Examiners for Washington, D.C., Hyattsville Branch Office, Federal Center Building, Hyattsville, Md., announcement WAH-819. Nov. 5, 1968. [6] p. narrow 8° [Closing date Feb. 3, 1968. No written test required.] †

 Item 292
 CS 1.26/4: 968/WAH-819

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

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

- 294 Coast and Geodetic Survey catalog of aeronautical charts and related pub-lications. Oct. 1968. [2] p. oblong f° folded into narrow 8° size. † C 4.50 : Ae 8/968-4
- 295 Digest of science and engineering presentations, no. 6, Apr-June 1967. [1967.] [61] p. (Washington Science Center. Rockville, Md.)

C 4.55:6

Publication.

- 296
- 31-1. Surface water temperature and density: Atlantic Coast, North and South America. 3rd edition 1968. [1968.] ii+102 p. il. 4° * Paper, \$1.00.
 Item 193 C 4.19/2:31-1/3
- 297 United States coast pilot 7, Pacific Coast, California, Oregon, Washington, and Hawaii. 10th (June 15, 1968) edition. 1968. v+380 p. il. 4° [Corrected through NM-24/68.] † Cloth, \$2.50. • Item 206 L.C. card 52-61157 C 4 71 : 7/10

COAST GUARD, Transportation Dept. Washington, DC 20591

- 298 Do you have what it takes to take the Coast Guard? [1968.] [2] p. 4°, folded into narrow 8° size. † • Item 934 TD 5.2: C 63
- 299 Equipment lists, items approved or accepted under marine inspection and navigation laws; Aug. 1, 1968. [1968.] xi+112+W75 p. (CG-190.) [All listings contained in this pamphlet have been published in Federal Register or Proceedings of Merchant Marine Council. Replaces Aug. 1, 1966 edition.] † • Item 933-A L.C. card 63-60708

TD 5.20: Eq 5/968

- For your safety make this 1969 courtesy examination [decal] part of your boat, awarded by Coast Guard Auxiliary. [1968.] [8] p. il. narrow 8° (8A-0246; [AUX-204, 8-68.]) † • Item 934 TD 5.2: Sa 1/968
- Tips for fisherman. [Aug. 9, 1968.] [1968.] cover title, [14] p. il. oblong 16° 301 [Text on p. 2-4 of cover.] † • Item 934 TD 5.2 : F 53
- 302 What's your move? U.S. Coast Guard Auxiliary. [1968.] [6] p. il. narrow ([AUX-203 (8-68).]) † • Item 934 80 TD 5.2: M 86/968
- 303 [This entry number not used.]

COMMERCE DEPARTMENT Washington, DC 20230

Nors.— 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.

- 304 DIB [Domestic and International Business] computer news, no. 1. Nov. 1967. 18+[2] p. il. 4° † C 1.55:1
- 305 Do you know your economic ABC's? travel USA, simplified explanation of tourism in United States economy [with bibliography]. [1968.] 40 p. oblong 4° * Paper, 25c. • Item 128 L.C. card 70-600044

Federal meteorological handbooks. • Item 128-A

C1.2: T 69

C18/4:(nos.)

306

307

 Synoptic code, standards and procedures for coding of synoptic reports, effective Jan. 1, 1969. [1968.] [137] p. II. 4° [Prepared in cooperation with De-fense Department and Transportation Department. Issued in looseleaf form.] Radiosonde observations, effective Jan. 1, 1969. [1968.] [162] p. il. 4° [Pre-pared in cooperation with Defense Department. Issued in looseleaf form. Supersedes 7th edition of WBAN circular P.] * Paper, \$1.25.

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

Page 18

- Foreign direct investment program, address by William H. Chartener, Assistant Secretary of Commerce for Economic Affairs, prepared for delivery at Oct. 1968 meeting of Business Council, Hot Springs, Va., Oct. 18, 1968. 1968. 11 p. 4° † C 1.18: C 38/11
- Industry and national defense, remarks by Secretary of Commerce C. R. Smith, prepared for delivery before West Texas Chamber of Commerce Industrial Conference, Fort Worth, Tex., Oct. 16, 1968. 1968. 5 p. 4° (US COMM-DC-25161.) † C 1.18: Sm 5/10
- Metric dilemma, address by Assistant Secretary of Commerce for Science and Technology John F. Kincaid, prepared for delivery to Research Director's Association, University Club, Chicago, 111., Dec. 2, 1968. 1968.
 S p. 4° † C 1.18: K 57/14
- 311 [This entry number not used.]
 - Overseas business reports OBR (series). [Issued irregularly.] * Paper, \$16.00 a yr., \$5.00 additional for foreign mailing; single copy, 15c. (1-3 yr. subs.). ● Item 231-B C 1.50:(nos.)
- 312 68-87. Establishing business in Lebanon; prepared by John P. Edwards. Sept. 1968. 14 p. 4° (International Commerce Bureau.) [Issued with perforations.]
- 313 68-90. Basic data on economy of Nigeria [with bibliography]; prepared by James H. Ashida. Oct. 1968. 21 p. il. 4° (Bureau of International Commerce.) [Issued with perforations. Supersedes OBR 64-47.]
- Remarks by Secretary of Commerce C. R. Smith prepared for delivery at christening ceremonies of Researcher, American Ship Building Company, Toledo, Ohio, Oct. 5, 1968. 1968. 3 p. 4° † C 1.18 : Sm 5/6
- Remarks by Secretary of Commerce C. R. Smith, prepared for delivery before Business Council, Hot Springs, Va., Oct. 18, 1968. 1968. 12 p. 4* (USCOMM-DC-25173.) † C 1.18: Sm 5/11
- 316 Remarks by Secretary of Commerce C. R. Smith prepared for delivery before 2nd International Container Services & Equipment Exposition, Baltimore, Md., Nov. 1, 1968. 1968. 5 p. 4° † C 1.18: Sm 5/12
- 317 Statistics for dynamic Federal system, address by William H. Chartener, Assistant Secretary of Commerce for Economic Affairs, prepared for delivery at 12th annual meeting, Federal Statistics Users' Conference, Washington, D.C., Oct. 17, 1968. 1968. 11 p. 4° † C 1.18: C 38/10

COMMERCIAL FISHERIES BUREAU, Interior Dept. Washington, DC 20240

	C.F.S. (series). † • Item 610-A	1 49.8/2:(nos.)
318	4660. Florida landings, 1967, annual summary. [Se pared in cooperation with Florida State Box	
319	4775. Shrimp landings, 1967, annual summary. Rev [Prepared in cooperation with fishery agen Carolina, Georgia, Florida, Alabama, Missi	aies of North Carolina, South
	Circulars. †	I 49.4 : (nos.)
	Officiality in the first of postial h	ibliography]; by Robert M.
320	288. Atlantic coast surf clam [with a partial b Yancy and Walter R. Weich. June 1968. iii+1	4 p. il. 4 ^a
321	Yancy and Walter R. Welch. June 1965. http:// 303. Bureau of Commercial Fisherles, Fishery-Oce Calif., fiscal year 1968. Sept. 1968. [5]+32 L.C. card 72-600156	
000	val 1 11-61m	

Fishery bulletin. v. 66, no. 2. [Articles, with lists of literature cited.] Aug. 1968. [2]+165-439 p. il. 4° [Contents on p. 4 of cover.] ↑ Item 611 I 49 27: v.66/no.2

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

329-557-69-3

Page 19

Fishery leaflets. • Item 611-D

323 324 613. Available leaflet on fisherles. June 1968. 5 p. 4° (Fish and Wildlife Service.)

620. List of fishermen's and fish shore workers' unions in United States, 1968; by Branch of Foreign Trade and Economic Services. Revised Apr. 1968. [1968.] v+12 p. 4° † Branch of Foreign Trade and Economic Services, Bureau of Commercial Fisheries, 1815 N. Fort Meyer Drive, Arlington, VA, 22209.

CONGRESS

Congressional record, proceedings and debates of 90th Congress, 1st session, v. 113. [Permanent edition.] 1967. • Item 993

L.C. card 12-36438

X.90/1:113/pt.(nos.)

I 49.28:(nos.)

	a set and		· · · · / E • · /•
	325	pt. 8.	Apr. 17-27, 1967. [1] + 9703-11152 p. 4° * Cloth \$6.75
	326	pt. 0.	$A p_1, 40 = 1007 11, 1007, 111 + 11153 19519 p A = 0.00000 000000000000000000000000000$
	327		
	328		
	329	JU, 144	3445 12-20, 1907, 111 + 10318 - 18558 n 40 # (9.66) @0.66
	330	PL, 10,	3000 41-20, 1907, 111 + 16539-17890 n A0 * (0.64) 00 00
	331	pt. 14.	JUNE 20-JULY 18, 1967, 111 + 17891-19349 n 40 + Moth 60 75
	332	pt. 15.	July 19-31, 1967. [1]+19343-20750 p. 4° * Cloth. \$6.50.
	333	pt. 10.	A45, $1-9$, 1007 , $111 + 20751 - 22132$ n 4° * Cloth \$6.50
	334	pt. 14.	Aug. $10-21$, 1967 , $111 + 22133 - 23450$ p 40 + Cloth 80.95
	35	pt. 18.	Aug. 22-31, 1967. [1] + 23451-24928 p. 4° * Cloth, \$6.75.
	36	pt. 10.	3000.11-20.1907.171-24929-26292 n A0 = Clath eggs
	137	pt. 20,	Sept. 21-Oct 3, 1967. [1] + 26293-27724 p. 4° * Cloth, \$6.75.
	38	pt. 21.	Oct. 4-17, 1967. [1] + 27725-29208 p. 4° * Cloth, \$6.75.
50	39	pt. 22.	Oct. 18-31, 1967. [1]+29209-30688 p. 4° * Cloth, \$6.75
		-	

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.

Public laws, 90th 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 \$12.00 per session, \$2.00 additional for foreign mailing; single copies vary in price.

- 498. H.J. Res. 1299, joint resolution authorizing the President to proclaim week including Sept. 15 and 16 as National Hispanic Heritage Week. Approved Sept. 17, 1968. 1 p. * Paper, 5c.
- 505. S. 3133, act to extend for one year authority to limit rates of interest or dividends payable on time and savings deposits and accounts, and for other purposes. [Approved Sept. 21, 1968.] 4 p. * Paper, 5c.
 565. S. Less 197. joint recolution to correct extended of the second seco
 - 565. S.J. Res. 197, joint resolution to correct certain references in sec. 4(i) of act entitled act to amend chan. 37 of title 38 of United States Code with respect to veterans' home loan program, to amend National housing act with respect to interest on insured morigages, and for other purposes, approved May 7, 1968. Approved Oct. 12, 1968. 1 p. * Paper, 5c.
- 343 637. S. 3174, act to establish national memorial to Woodrow Wilson. [Approved Oct. 24, 1968.] 3 p. * Paper, 5c.

ECONOMIC JOINT COMMITTEE Washington, DC 20510

- Financing municipal facilities, hearings before Subcommittee on Economic Progress, 90th Congress, 2d session. Y 4.Ec 7: M 92/v. 2
 v. 2. July 9-11, 1968, 1968, iii+169-447 p. ii. * Paper, \$1.25. ● Item 1000 LC, card 68-60730
- Next steps in international monetary reform, hearing before Subcommittee on International Exchange and Payments, 90th Congress, 2d session, Sept. 9, 1968. 1968. iii+161 p. il. * Paper, 65c. Item 1000 L.C. card 68-67072 Y 4.Ec 7: M 74/19

 Next steps in international monetary reform, report of Subcommittee on International Exchange and Payments; Sept. 1968. 1968. v+10 p. (Joint Committee print, 90th Congress, 2d session.) [Note, containing separate views of Jacob K. Javits, 1 p., was issued also.] * Paper, 10c. • Item

L.C. card 68-67220

Y 4.Ec 7: M 74/18

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

HOUSE OF REPRESENTATIVES Washington, DC 20515

Laws authorizing issuance of medals and commemorative coins [June 20, 347 1874-Oct. 17, 1968]; compiled by Gilman G. Udell, superintendent, Document Room, House of Representatives. 1968. xiv+308 p. * Paper, \$1.25. Item 998 Y 1.2: M 46/968

L.C. card 60-60111

- Laws relating to civil service retirement [Jan. 15, 1920-Dec. 29, 1967]; 348 compiled by Gilman G. Udell, superintendent, Document Room, House of Representatives. 1968. x+313 p. [Title page reads incorrectly: Civil Service preference, retirement, and salary classification laws.] * Paper, Y 1.2: R 31/2/968 • Item 998 \$1.25.
- Laws relating to Securities Commission, exchanges and holding companies 349 [May 27, 1963-July 29, 1968] (with indices); compiled by Gilman G. Udell, superintendent, Document Room, House of Representatives. 1968. Y 1.2: Se 2/968 xxiii+345 p. * Paper, \$1.50 • Item 998
- Liberty loan acts [Apr. 24, 1917-Oct. 17, 1968]; compiled by Gilman G. Udell, superintendent, Document Room, House of Representatives. 1968. iv+85 p. * Paper, 45c. • Item 998 Y 1.2 : L 61/968 L.C. card 47-32926
- Naturalization laws [May 9, 1918-Oct. 24, 1968]; compiled by Gilman G. Udell, superintendent, Document Room, House of Representatives. 1968. Y 1.2: N 21/3/968 ix+425 p. * Paper, \$1.75. • Item 998
- Passport control acts [Feb. 5, 1917-July 26, 1968]; compiled by Gilman G. 352 Udell, superintendent, Document Room, House of Representatives. 1968. ii+30 p. * Paper, 25c. • Item 998 Y 1.2 . P 26/968 L.C. card 71-600090
- Radio laws of United States [June 24, 1910-July 5, 1968]; compiled by 353 Gilman G. Udell, superintendent, Document Room, House of Representatives. 1968 edition. 1968. viii+264 p. * Paper, \$1.00. • Item 998 Y12:R11/968 L.C. card 29-26624
- Small Business Administration and investment act, with amendments, 354 1953-68; compiled by Gilman G. Udell, superintendent, House Document Room. 1968. iv+110 p. * Paper, 55c. • Item 998 Y12:Sm1/953-68 L.C. card 62-60105
- Surplus property act of 1944 and amendments [Oct. 3, 1944-Oct. 22, 1968]; 355 compiled by Gilman G. Udell, superintendent, Document Room, House of Representatives. 1968. v+130 p. * Paper, 60c. • Item 998 Y12: Su 7/968 L.C. card 76-600157

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, 90th Congress.

- Resolved that executive control of United States foreign policy should be significantly curtailed, collection of excerpts and bibliography relating to national collegiate debate topic, 1968-69, pursuant to Public law 88-246; compiled by Legislative Reference Service, Li-brary of Congress, 1965. v+266 p. [Contains copyright material.] * Paper, \$1.00. Item 996 298.
 - 800. 316.
- Paper, \$1.00. 10cm 3956
 International monetary fund agreement, message from President of United States transmitting recommendation approving changes to create new form of international reserve, the Special Drawing Right. Apr. 30, 1968. 5 p. † Item 996
 Supplemental appropriations for pay increases, communication from President of United States transmitting proposal for supplemental appropriations for civilian and military pay increases in Federal Government for fiscal year 1968. May 21, 1968. 30 p. † Item 996 996
 - Pecan Bayou, Tex., letter from chief of engineers, Army, submitting report on watershed; July 8, 1968. 1968. xxix+326 p. il. 19 pl. 4° [Also issued in departmental edition and sent to depositories in that form. See Entry no. 602.]

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

356

357

358

359

350.

GOVERNMENT PUBLICATIONS

	House documents-Continued	
360	359. Mad River, Humboldt and Triplta Counting of the second	
	1000 ono a start de report on interim report : inty 16 1069	
361	to depositories in that form Son That in departmental edition and sent	
001	366. Wild Rice River, Minn., letter from chief of engineers, Army, sub-	
	il. 3 pl. 4° [Also issued in departmental edition and control to	
362	 368. Wankegan Harbor, III., letter from chief of engineers, Army, sub- nitting report on review of report; July 26, 1968, 1968, x+66 p. il. I pl. 4^a [Also issued in departmental edition and sent to depositories] 	
	mitting report on review of report; July 26, 1968, 1968, 1968, 1968	
0.00		
363		
	1968 1968 YEVL 222 D SI DO TA CONTENTED OF FEDORE, JULY 30,	
	partmental edition and sent to depositories in that form. See Entry	
364	375. United States contributions to interaction to	
	Secretary of State transmitting 16th report on extent and disposition of U.S. contributions to international organizations for fiscal year 1967; Aug. 2, 1968. 1968. viii+161 p. 5 tab. † • Item	
	fiscal year 1967; Aug. 2, 1968, 1968, viji + 161 p. 5 tab.	
	L.C. card 53-60235	
365		
0.00	enactment, Sept. 11, 1968, 3 n + Pitting recommendations urging	
366	386. Gull Intracoastal Waterway, St. Marks to Tampa Bay, Fla. letter from	
	Sept 19 1968 1969 west 1 of a long west 1 of a strict of teport,	
	no 505 1 4	
367	 Bramination of financial statements of Federal Deposit Insurance Corporation, year ended June 30, 1967, letter from Comptroller General of United States transmitting report of audit; Oct. 10, 1968. 	
	General of United States transmitting and the from Comptroller	
368	1968. iv+25 p. 4° † • Item 996	
	396, pt. 1. National Aeronautics and Space Administration, 16th semiannual re- port to Congress, July 1-Dec. 31, 1966, 11968, 1 will 274 p. 4	
	Text on p. 2 of cover 1 * (Available to de [1908.] AVIT2(4 D. H.	
369	1156)	
000	396, pt. 3. National Aeronautics and Space Administration, 18th semiannual re- pert to Congress, July 1-Dec. 31, 1967. [1968.] xv+243 p. il. [Text on p. 2 of cover.] (Available in departmental edition 51 25 March	
	on p. 2 of cover.] (Available in departmental edition, \$1.25, NAS	
370	1156.)	
010	399. Listing of operating Federal assistance programs compiled during Roth	
	study; prepared by Staff of Representative William V. Roth, jr. 1968, 111+399 p. [Reprinted from Congressional record, June 25, 1968.] * Paper, \$1.50, (To be sent to depository throat June 25,	
	1968.] * Paper, \$1.50. (To be sent to depository libraries in Serial set binding.)	
	House reports	
	NOTEFor titles of bills which these reports accompany, see Congressional record index.	
	House reports on public bills, 90th Congress. [†] House Document Room, Capitol. • Item 1008-A	
371	Capitol. • Item 1008-A	
OFT	1867. Welfare and pension plan protection act of 1968. Report from Committee	
372	1930. Guam development fund act of 1968. Report from Committee on Interior	
373	 1937. Wehlare and pension plan protection act of 1968. Report from Committee on Education and Labor to accompany H.R. 6498. Sept. 5, 1968. 38 p. 1930. Guam development fund act of 1968. Report from Committee on Interior and Insular Affairs to accompany H.R. 15151. Sept. 26, 1968. 9 p. 1937. Report of 11th meeting of Canada-United States Interparliamentary Group, Mar. 20-24, 1968. Washington, D.C., New Orleans La, by Compeling F. 	
	Mar. 20-24, 1968, Washington, D.C., New Orleans, La., by Cornelius E. Gallagher, Chairman, of House of Representatives Delegation, pursuant to Pub. law 42, 86th Congress; Oct. 1, 1968, 1	
	to Pub. law 42, 86th Congress; Oct. 1, 1968, 1968, vii+22 p.	
374	1939. Federal milk marketing and a second se	
375	1939. Federal milk marketing order amendments. Report from Committee on Agriculture to accompany H.R. 19910. Oct. 2, 1968, 10 p.	
010	ment, and Government Greatly, and new town and community develop-	
376		
	of operation of House beauty shop. Report from Committee on House	
377	sentatives of certain sums paid from such fund to cover certain expenses of operation of House beauty shop. Report from Committee on House Administration to accompany H. Res. 1314. Oct. 10, 1968. 1 p. 1960. Increasing compensation of expert transcribers to official reporters, Report from Committee on House Administration to accompany H Res por	
0.50	from Committee on House Administration to accompany H. Res. 995.	
378	 Tom Committee on House Administration to accompany H. Res. 995. 1961. Providing for printing as House document, a survey and handbook, entitled Federal educational policies, programs, and proposals. Report from Committee on House Administration to accompany H. Con. Res. 763. 	
	Committee on House Administration to accompany H. Con. Res. 763.	
	Oct. 10, 1968, 1 p.	
	*For Sale by Superintendent of Documents	
D	Distribution Made by Issuing Office	

Page 22 ^{†Distribution} Made by Issuing Office ^{‡Official} Use. Not Available

379	1962. Providing for printing of report entitled Commercial banks and their trust activities, emerging influence on American economy. Report from Com- mittee on House Administration to accompany H. Con. Res. 797, Oct. 10, 1000 - 10000 - 1000 - 1000 - 1000 - 1000 - 1000
380	1968. 1 p. 1968. Listing of operating Federal assistance programs as compiled during Roth study, Report from Committee on House Administration to accompany
381	 H. Con. Res. 801. Oct. 10, 1968. 1 p. 1964. Providing for printing as House document of bibliographical list entitled, Hungarians in Rumania and Transylvania, prepared by Library of Con- gress. Report from Committee on House Administration to accompany H. Res. 497. Oct. 10, 1968. 1 p.
382	1965. Printing as House document eulogy proceedings on former Representative Hubert B. Scudder. Report from Committee on House Administration to
383	accompany R. Res. 1205, 17 1967. Providing for delay, or waiver, of conditions of mailing articles at special 4th-class rate or at library rate. Report together with minority views from Committee on Post Office and Civil Service to accompany H.R. 19415. Oct. 10, 1968. 7 p.
	Agriculture Committee, House Washington, DC 20515
384	Agricultural legislation in 90th Congress, review of legislation enacted dur- ing 1st and 2d sessions of 90th Congress relating to agriculture; Nov. 9, 1968. 1968. vii+68 p. (Committee print, 90th Congress, 2d session.) ‡ L.C. card 56-62467 ¥ 4.Ag 8/1: L 52/968
	[Committee hearings] serial, 90th Congress. † • Item 1010
385	DDD. Watershed projects, hearings before Subcommittee on Conservation and Credit, 90th Congress, 2d session, Jan. 22-Oct. 9, 1968. 1968. iv+202 p.
386	EEE. Expedite retirement of Government capital from farm credit agencies, hearing, 90th Congress, 2d session, on H.R. 19418, Sept. 18, 1968. 1968. iii+23 p. L G credit 68 67063 Y 4.Ag 8/1: C 17/2
387	FFF. Miscellaneous, hearings, 90th Congress, 2d session, on H.R. 18033 [and other bills], 1968, ty + 53 p. map. Y 4.Ag 8/1; M 68/2/968-2
388	GGG. Dairymen's class 1 base plan, hearings, 90th Congress, 2d session, on H.R. 6269 and H.R. 19910, Sept. 25-Oct. 1, 1968. 11+53 p. L.C. card 68-67401 ¥ 4.Ag 8/1 : D 14/10/968
	Armed Services Committee, House Washington, DC 20515
389	Hearings before and special reports made on subjects affecting naval and

military establishments, 1968, 90th Congress, 2d session [title page, con • Item 1012 tents and index]. 1968. vi+19 p. †

Y 4.Ar 5/2a: 967-68/39-72/t.p.& ind.

Y 4.Ar 5/2a: 967-68/(nos.) • Item 1012 [Papers], 90th Congress. t NOTE.—These papers consist largely of hearings. They are paged continuously for binding at the end of assion 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 rolume each volume.

nch volume.
70. Full committee consideration of procedure for reprogramming actions when House is not in session, creation of special subcommittee to deal with shipbuilding program, H.R. 12012, to encourage worldwide interest in U.S. developments and accomplishments in military and related aviation and equipment by authorizing Federal sponsorship of International Aeronautical Exposition in United States, and H.R. 19753, to authorize Secretary of Army to acquire and convey to Commonwealth of Massachusetts certain lands in Essex County, Commonwealth of Massachusetts, in exchange for certain other lands, and for other purposes. Sept. 24, 1968, p. 11109-125.
72. Report of activities of House on Armed Forces, 90th Congress, 1st and 2d session, 1967-68, 1968, ii+11173-236+iii p. L.C. card 53-63403

L.C. card 53-63403

391A 32d report to Congress (Jan. 1-June 30, 1968) of Department of Defense 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 Subcommittee for Special Investigations, 90th Congress, 2d session; Aug. 15, 1968. 1968. iii+12 p. (Committee print.) ± Y 4.Ar 5/2: D 36/2/968 L.C. card 53-60980

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

391

390

Banking and Currency Committee, House Washington, DC 20515

Commercial banks and their trust activities, emerging influence on American economy, staff report for Subcommittee on Domestic Finance, 90th Congress, 2d session, July 8, 1968. • Item 1013

Y 4.B 22/1: B 22/17/v. (nos.)

v. 1. 1968. xi + 982 p. il. 6 pl. 1 tab. 4° * Paper, \$7.50. v. 2. 1968. iii+963 p. 4° * Paper, \$5.50. LC. card 75-600154

Compilation of Housing and urban deevlopment act of 1968, Public law 90-448, with related documents; Aug. 1968, 1968, viii+251 p. (Committee print, 90th Congress, 2d session.) * Paper, 75c. L.C. card 70-600193

Y 4, B 22/1: H 81/42/968

Federal Reserve rulings regarding loan production offices and purchases of operating subsidiaries, hearings, 90th Congress, 2d session. Sept. 24 and 25, 1968, 1968, iii+75 p. † • Item 1013 L.C. card 68-67404

Y 4.B 22/1: F 31/40

Summary of activities, report. 1968. vii+73 p. (Committee print, 90th Congress, 2d session.) ÷ Y 4.B 22/1 : Ac 8/968

Education and Labor Committee, House Washington, DC 20515

396 Preschool centers supplementary education act, hearings before Select Subcommittee on Education, 90th Congress, 2d session, on H.R. 10572, Feb. 28-June 15, 1968, 1968, iv+157 p. † • Item 1015 L.C. card 70-60047

Y 4.Ed 8/1: P 92

Foreign Affairs Committee, House Washington, DC 20515

397 Background material. Foreign assistance act, fiscal year 1969 [compilation of tables, graphs, and charts; prepared by Agency for International Development]; Mar. 21, 1968. 1968. iii+41 p. il. (Committee print, 90th Congress, 2d session) ‡ L.C. card 68-67213

Y 4.F 76/1: F 76/33/969

398 Ramseyer rule print of Foreign assistance act of 1968 (H.R. 15263) Feb. 21, 1968, 1968. [1]+68 p. (Committee print, 90th Congress, 2d session.) Ť L.C. card 68-67218

Y 4.F 76/1: F 76/34/968

- Section-by-section analysis of proposed Foreign assistance act of 1968, H.R. 15263, to amend further Foreign assistance act of 1961, as amended, and for other purposes; prepared by executive branch [Agency for International Development]; Feb. 21, 1968. 1968. 11+5 p. (Committee print, 90th Congress, 2d session.) L.C. card 68-67121 Y 4.F 76/1: F 76/29/968
- 400 22d session of United Nations General Assembly, report by L H. Fountain, William S. Broomfield, members of United States delegation to 22d session of General Assembly, Sept. 18-Dec. 19, 1967, pursuant to H. Res. 179, 90th Congress; Mar. 19, 1968, 1968, v+80 p. (Committee print, 90th Congress, 2d session.) ‡ L.C. card 68-67222 Y 4.F 76/1: Un 34/6/967
- Survey of activities of Committee on Foreign Affairs, House of Representatives, 90th Congress, Jan. 10, 1967-Oct. 14, 1968; [prepared by June Nigh]. 1967 [published 1968]. vi+105 p. (Committee print.) L.C. card 50-60443

Y 4.F 76/1: Ac 8/967-68

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

393

392

394

395

399

401

Government Operations Committee, House Washington, DC 20515

Survey of Government operations, hearing before subcommittee, 90th Con-402 Y 4.G 74/7: Su 7/9/pt.10 gress, 2d session. pt. 10. General Services Administration, June 4, 1968. 1968. iv+81 p. il. †

• Item 1016 L.C. card 68-61948

Interior and Insular Affairs Committee, House Washington, DC 20515

Accomplishments of Committee on Interior and Insular Affairs during 90th 403 Congress; Oct. 25, 1968. 1968. viii+38 p. (Committee print no. 13, 90th Congress, 2d session.) ‡ L.C. card 56-60181

Y 4.In 8/14: Ac 2/968

Interstate and Foreign Commerce Committee, House Washington, DC 20515

[Committee hearing] serial, 90th Congress.

48. Federal recordation of water equipment liens, judicial review of ICC orders, extend aircraft loan guaranties, hearing, 90th Congress, 2d session, on H.R. 7151 [and other bills], Sept. 17, 1968. 1968. iv+53 p. ↑ Item 1019 U.C. card 68-62905 Y4.In 8/4:90-48 L.C. card 68-62905

Judiciary Committee, House Washington, DC 20515

[Committee hearings] serial. 90th Congress. † • Item 1020 Y 4.J 89/1:90/(nos.)

- Attorneys' fees, hearing before subcommittee no. 2, 90th Congress, 1st session, on H.R. 10216, July 12, 1967. 1968. ill+104 p. L.C. card 68-62899 405
- 24. Immigration, hearings before Subcommittee No. 1, 90th Congress, 2d session, on effect of act of Oct. 3, 1965, on immigration from Ireland and Northern Europe, July 3 and Sept. 18, 1968, 1968, iii+90 p.
 L.C. card 68-67357 406

Merchant Marine and Fisheries Committee, House Washington, DC 20515

[Committee hearings] serial, 90th Congress. † • Item 1021

Y 4.M 53:90-(nos.)

- 27. Long-range maritime program, addendum to hearings held in Apr. and May 1968 on bills to amend Merchant marine act, 1936, and other statutes to provide new maritime program. [1968.] [4]+74 p. il. card 78-600128 $\mathbf{L}.\mathbf{C}$
- L.C. card 78-600128
 31. Commissioned officers of ESSA, hearings before Subcommittee on Coast Guard, Coast and Geodetic Survey, and Navigation, 90th Congress, 2d session, on H.R. 17993, July 8-Sept. 18, 1968. 1968. iii+102 p.
 L.C. card 68-67407
 32. Fish and wildlife legislation, hearings before Subcommittee on Fisherles and Wildlife Conservation, 90th Congress, 2d session, on H.R. 14560 [and other billed]
 - bills].

pt. 3. Feb. 6–June 27, 1968, 1968, v+170 p. L.C. card 67–62787

U.S. Coast Guard activities, southeast Asia, report on Congressional in-410 vestigation of Coast Guard operations and installations in Thailand and South Vietnam. 1968. ii+11 p. (Committee print, 90th Congress, 2d session.)

L.C. card 68-67110

Y 4.M 53: C 63/19

Post Office and Civil Service Committee, House Washington, DC 20515

[Committee hearings] serial, 90th Congress. †

Item 1022 **Y** 4.P 84/10:90-(nos.)

47. Standardizing sizes of mail, hearings before Subcommittee on Postal Rates, 90th Congress, 2d session, on H.R. 14029. pt. 2. Feb. 28-July 30, 1968. 1968. iv+177 p. il. L.C. card 67-62990

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

404

407

408

409

	[Committee hearings]—Continued
412	 Privacy and rights of Federal employees, hearings before Subcommittee on Manpower and Civil Service, 90th Congress, 2d session, on S. 1035 [and] H.R. 17760, June 13-July 17, 1968, 1968, v+436 p. il. 1 tab. L.C. card 68-67254
413	 Coordinated Federal wage system, hearings before Subcommittee on Man- power and Civil Service, 90th Congress, 2d session, Feb. 6-Apr. 24, 1968. 1968. III+80 p. L.C. card 68-67400
414	United States Government policy and supporting positions. 1968. vii+162 p. 4° (Committee print, 90th Congress 2d session.) * Paper, \$2.00. • Item 1022 Y 4.P 84/10 : P 75
	Public Works Committee, House Washington, DC 20515
	[Committee publications] ooth Garman Transfer
15	[Committee publications], 90th Congress. Y 4.P 96/11:90-(nos.) 90-37. Omnibus rivers and harbors, flood control, and river basin monetary au- thorization bill, 1968, hearings before Subcommittee on Rivers and Harbors and Subcommittee on Flood Control, 90th Congress, 2d session, May 14-July 2, 1968, 1968, xili+719 p. 11, 2 maps † Item 1024 L.C. card 68-67068
16	 90-40. Administration of sec. 702 under Public works and economic development act of 1965, hearings before Special Subcommittee on Economic Development Programs, 90th Congress, 2d session, June 21 [and] July 25, 1968, 1968, v+198 p. [Hearings held in Charlotte, N.C., and Washington, D.C.] † Item 1024
17	 90-41. Estimate of cost of carrying out provisions of Highway safety act of 1966, report to Congress from Secretary of Transportation (pursuant to provisions of sec. 207 of Highway Act of 1966); Oct. 1968. 1968, viii+ 112 p. II. (Committee print, 90th Congress 2d session.) * Paper, 50c.

Science and Astronautics Committee, House Washington, DC 20515

418 Congressional white paper on national policy for environment [prepared by Richard A. Carpenter and Wallace E. Bowman], submitted to Congress under auspices of Committee on Interior and Insular Affairs. Senate, and Committee on Science and Astronautics, House of Representatives, 90th Congress, 2d session; Oct. 1968. 1968. v+19 p. (Serial T, committee print.) 1 L.C. card 68-67094 Y 4.Sci 2:90-2/T

419 [Paper], 90th Congress, 2d session.

Institutional grants bill, H.R. 875, hearings before Subcommittee on Science, Research, and Development, 90th Congress, 2d session, June 25-July 18, 1968, 1968, iv+388 p. ↑ Item 1025-A Y 4.Sci 2:90-2/9 L.C. card 79-600313

- 420 Support service contracting by National Aeronautics and Space Administration, staff report for Subcommittee on NASA Oversight, 90th Congress, 2d session. 1968. v+51 p. (Serial Q, committee print.) L.C. card 68-67096 Y 4.Sci 2:90-2/Q
- 421 Survey of views of leading industrial executives on national space program. 90th Congress, 2d session. 1968. vii+21 p. il. (Serial P, committee print.) ‡ L.C. card 68-67126 Y 4.Sci 2:90-2/P
- 422 Utilization of Federal laboratories, report of Subcommittee on Science, Research, and Development, 90th Congress, 2d session, 1968. v+68 p. (Serial U, committee print.) + L.C. card 68-67095

Y 4.Sci 2:90-2/U

Small Business, Select Committee on, House Washington, DC 20515

423 Position of small business in Government procurement, hearings before Subcommittee no. 2 on Government Procurement and Economic Concentration, 90th Congress, pursuant to H. Res. 53, Oct. 17, 1967-July 30, 1968. 1968. v+1328 p. il. [Hearings held in Washington, D.C., Los Angeles, Calif., and Ogden, Utah.] † • Item 1031 L.C. card 68-67402

Y 4 Sm 1: P 94/3

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

Un-American Activities Committee. House Washington, DC 20515

- Activities of Ku Klux Klan organizations in United States, hearings, 89th 424 Congress, 1st and 2nd sessions. ● Item 1026 pts, 1-5. Index. 1968. lv+78 p. * Paper, 40c. L.C. card 67-61542 Y 4.Un 1/2 : K 95/ind.
- Subversive influences in riots, looting, and burning, hearings, 90th Con-Y 4.Un 1/2: R 47/pt. (nos.) gress, 2d session. • Item 1026 pt. 3A. Los Angeles-Watts, June 28, 1968. 1968. iv + 1815-1850 + xi p. il. * Paper,

426

Newark, N.J., Apr. 23 and 24, 1968. 1968. iv+1851-1985+xli+p. il. * Paper, \$1.00. L.C. card 68-61502 25c. L.C. card 68-61502 pt. 4.

Veterans' Affairs Committee, House Washington, DC 20515

Annual reports on sharing facilities and exchange of medical information; 427 Sept. 4, 1968. [1968.] iii+22 p. ([Committee print] no. 186, 90th Congress, 2d session.) Y 4.V 64/3: M 46/17 L.C. card 73-600124

Veterans' Administration hospital expenditures for World War I veterans 428 for general medical and surgical conditions, 1919-68; prepared by Bernard Kaufman of Department of Medicine and Surgery. [1968.] 3 p. ([Committee print 157, 90th Congress, 2d session.]) ‡ L.C. card 79-600155 Y 4.V 64/3: H 79/27

Ways and Means Committee, House Washington, DC 20515

- 3d annual report of President of United States on international coffee 429 agreement, submitted to Congress, Jan. 22, 1968. 1968. v+17 p. il. (Committee print, 90th Congress, 2d session.) Y 4 W 36 : C 65/2/968 L.C. card 66-60904
- Report on Renegotiation act of 1951, by Staff of Joint Committee on In-430 ternal Revenue Taxation ; Apr. 2, 1968. 1968. vi+176 p. Y 4.W 36 R 29/3 L.C. card 75-600083

INTERNAL REVENUE TAXATION JOINT COMMITTEE Washington, DC 20515

Cross-references within Internal revenue code of 1954, as of Jan. 1, 1967. 431 1967. iii+18 p. ‡ L.C. card 62-1243

Y 4.In 8/11: In 8/8/967

Summary of Senate amendments to H.R. 15414, prepared for use of House 432 and Senate conferees by staff; Apr. 3, 1968. 1968. [1] +7 p. ‡ Y 4.In 8/11: R 32/2 L.C. card 78-600065

SENATE Washington, DC 20510

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, 90th Congress.

92. Progress in prevention and control of air pollution, 1st report of Secretary of Health. Education, and Welfare to Congress, pursuant to Public law 90-148, Air quality act of 1967; June 28, 1968. 1968. v+85 p. il. Paper, 30c. Item 996
24. Minut Harber, File Letter File Letter File Congress.

93. Miami Harbor, Fla., letter from chief of engineers, Army, submitting report on review of report; July 10, 1968. 1968. xi+49 p. il. 1 pl. 4 [Also issued in departmental edition and sent to depositories in that form. See Entry no. 599.]

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

Page 27

433

GOVERNMENT PUBLICATIONS

Senate executive documents

Senate executive document, 90th Congress, 2d session.

Senate executive reports, 90th Congress, 2d session.

Senate documents-Continued

K. Protocol relating to status of refugees, message from President of United States transmitting protocol relating to status of refugees, done New York on Jan. 31, 1968; Aug. 1, 1968. 1968. ix+25 p. [Corrected print.] ‡ volve.rs Y190/2:K

vention on Customs Cooperation Council. Report from Committee on oreign Relations to accompany Ex. G, 90th Cong., 2d sess. Sept. 27, 1968.

Y 1.90/2: rp (nos.)

Senate executive reports

38	 10 p. ‡ 13. Protocol to Geneva radio regulations. Report from Committee on Foreign Relations to accompany Ex. F, 90th Cong., 2d sess. Sept. 27, 1968. 7 p. ‡
	Senate reports
	NOTE For titles of bills which these reports accompany, see Congressional record index.
	Senate reports on public bills, 90th Congress. † Senate Document Room, Capitol. • Item 1008-A
39	1535. National American Indian and Alaska natives policy resolution. Report
40	1584. Authorizing printing for use of Committee on Government Operations of additional copies of its hearings entitled Riots, civil and criminal dis- orders. Report from Committee on Parlaments.
41	1585. Authorizing printing of history of Senate Committee on Labor and Public. Welfare as Senate document
42	1589. Authorizing Secretary of Interior to modify operation of Kortes unit.
13	and Insular Affairs to accompany S. 2553. Sept. 26, 1968. 6 p. 1599. Providing for establishment of national memorial to Woodrow Wilson in Smitheorian Logitzational and a second

444

100 Authorizang Participants of national memorial to Woodrow Wilson in tration to accompany S. 3174. Oct. 1, 1968. 4 p.
1604. Authorizing printing of Finance Committee on Rules and Administration to accompany S. 3174. Oct. 1, 1968. 4 p.
1604. Authorizing printing of Finance Committee on Rules and Administration to accompany S. Res. 407. Oct. 2, 1968. 2 p.
1606. Appointment of U.S. marshals. Report from Committee on Post Office and Civil Service to accompany S. 3184. Oct. 2, 1968. 6 p.
1610. Repealing jail sentences for census offenses. Report from Committee on Post Office and Civil Service to accompany S. 4062. Oct. 2, 1968. 2 p.
1611. Authorizing printing of study entitled. Aspects of intellectual ferment and dissent in Soviet Union, as Senate document. Report from Committee on Rules and Administration to accompany S. 3531. Oct. 8, 1968. 2 p.
1615. Memphis sesquicentennial medals. Report from Committee on Baules and Administration to accompany S. 1868. 2 p.
1617. Definition of carned income for pension plans of self-employed individuals. Report from Committee on Finance to accompany H.R. 18253. Oct. 8, 1968. 5 p.
1625. Certain civilian employees and former civilian employees of Participantian civilian employees and former civilian employees and Participantian civilian employees and former civilian employees of Participantian civilian emplo 445

446

447

448

449

450

Report from Committee on Finance to accompany H.K. 18203. Oct. 8, 1968. 3 p.
1625. Certain civilian employees and former civilian employees of Burean of Reclamation. Report from Committee on Judiciary to accompany S. 3517. Oct. 9, 1968. 2 p.
1630. Operation of article 7. NATO status of forces treaty. Report of Committee on Armed Services and by its Subcommittee on Operation of Art. 7 of NATO Status of Force Agreement, to review for period Dec. 1, 1966. Nov. 30, 1967, operation of Art. 7 of agreement between parties to North Atlantic Treaty, together with other criminal jurisdictional arrangements throughout world; Oct. 9, 1968. 104–118 p. 1.
1649. Amending Expediting act. Report from Committee on Judiciary to accompany S. 2721. Oct. 9, 1968. 8 p.
1660. Nonrecognition of gain in case of 12-month liquidations and automobile excise tax on concrete mixers. Report from Committee on Finance to accompany H.R. 18101. Oct. 9, 1968. 12 p.
1671. Selected problems of small business in area of Federal procurement. Report of Select Committee on Small Business on obtaining contracts for research and development, protests against contract award and increasing entrepreneurship in ghetto areas; Dec. 3, 1968. 1968. v.+24 p. 451

452 453

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

Page 28

454

435

96, [pt.

12. Convention

436

437

438

4

Aging, Special Committee on, Senate Washington, DC 20510

455 Adequacy of services for older workers, hearings before Subcommittee on Employment and Retirement Incomes and Subcommittee on Federal, State, and Community Services of the Elderly, 90th Congress, 2d session. Y 4.Ag 4: Se 6/6/pt.1

pt. 1. July 24-29, 1968. 1968. vlii+359 p. il. * Paper, \$1.25. L.C. card 71-600153 • Item 1009

456 Usefulness of model cities program to the elderly, hearings, 90th Congress, Y 4.Ag 4: M 72/pt.1 2d session.

pt. 1. July 23, 1968. 1968. iv+153 p. * Paper, 60. L.C. card 68-67403 Item 1009

Armed Services Committee, Senate Washington, DC 20510

Additional procurement of M-16 rifles, report by Special M-16 Rifle Sub-457 committee of Preparedness Investigating Subcommittee under authority of S. Res. 225. 1968. v+17 p. (Committee print, 90th Congress, 2d session.) t

L.C. card 70-600123

Y 4.Ar 5/3: R 44/3

United States troops in Europe. See Foreign Relations Committee, Senate. 458

Banking and Currency Committee, Senate Washington, DC 20510

- Bank credit-card and check-credit plans, hearings before Subcommittee on Financial Institutions, 90th Congress, 2d session, on credit cards, Oct. 9 459 and 10, 1968. 1968. iv+130 p. il. † • Item 1035 Y 4.B 22/3: C 86/8 L.C. card 68-67406
- 460 Financial institutions and urban crisis, hearings before Subcommittee on Financial Institutions, 90th Congress, 2d session, on private investment in inner city, Sept. 30-Oct. 4, 1968. 1968. vi+470 p. il. † • Item 1035 Y 4.B 22/3: F 49/5 L.C. card 68-67358

Commerce Committee, Senate Washington, DC 20510

- 461 [Committee hearings] serial, 90th Congress. • Item 1019 Y 4.C 73/2: 90-(nos.)
 - 85. Management of fish and resident wildlife on Federal lands, hearings, 90th Congress, 2d session, on S. 2951 [and] S. 3212. pt. 1. June 18-26, 1968. 1968. iv+193 p. † L.C. card 68-67069

Contracts between freight forwarders and railroads, hearings before Surface Transportation Subcommittee, 90th Congress, 2d session on S. 3714, Sept. 9-11, 1968, 1968, iv+171 p. il. † L.C. card 68-67156

Congress, Special Committee on Organization of, Senate Washington, DC 20510

Norg.--The Special Committee on the Organization of Congress was established by S. Res. 293, 89th Congress, 2d session.

Amendments made to Legislative reorganization act of 1946, by S. 355, bill to improve operation of legislative branch of Federal Government, and for other purposes; Jan. 23, 1967. 1967. iii+21 p. (Committee print.)

Y 4.C 76/6: L 52

L.C. card 71-600311

Finance Committee, Senate Washington, DC 20510

Interest equalization tax extension act of 1967 (H.R. 6098), summary of provisions of H.R. 6098, as passed by House of Representatives, prepared by staff of Joint Committee on Internal Revenue Taxation ; July 14, 1967. 1967. [1]+3 p. ‡ L.C. card 70-600060

Y 4.F 49: In 8/5

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

Page 29

462

463

465 Part 1, Summary of recommendations made in hearings on H.R. 6098, Interest equalization tax extension act of 1967, prepared by staff of Joint Committee on Internal Revenue Taxation; July 19, 1967. 1967. [1]+13. D. 1

L.C. card 75-600170

Y 4 F 49 : T 19/21/pt 1

466 Part 2. Summary of other House-passed tax bills pending before Committee on Finance, July 18, 1967, prepared by staff of Joint Committee on Internal Revenue Taxation; July 19, 1967. 1967. [1]+12 p. ‡ L.C. card 79-600171 Y 4.F 49: T 19/21/pt.2

Foreign Relations Committee, Senate Washington, DC 20510

467 Nigerian-Biafran relief situation, hearing before Subcommittee on African Affairs, 90th Congress, 2d session, Oct. 4, 1968. 1968. iii+89 p. † • Item 1039 L.C. card 68-67080

Y 4.F 76/2: N 56

468 United States troops in Europe, report of combined subcommittee of Foreign Relations and Armed Services Committees on subject of United States troops in Europe; Oct. 15, 1968. 1968. iii+105 p. (Joint committee print, 90th Congress, 2d session.) İ L.C. card 68-67097

Y 4.F 76/2: Eu 7/17

- Vietnam and Paris negotiations, report of Mike Mansfield; Sept. 1968. 1968. v+6 p. (Committee print, 90th Congress, 2d session.) L.C. card 68-67099 Y 4.F 76/2: V 67/13
- Vietnam and Paris negotiations, situation in Czechoslovakia and U.S. 470 Forces in Europe, Czechoslovakia, confrontation and crisis, report of Mike Mansfield; Sept. 1968. 1968. v+60 p. (Committee print, 90th Congress, 2d session.) 1 L.C. card 68-67099

Y 4 F 76/2: V 67/14

Government Operations Committee, Senate Washington, DC 20510

- 471 Inventory of congressional concern with research and development, 90th Congress, 1st session, pt. 3, bibliography, prepared for Subcommittee on Government Research [by Science Policy Research Division of Legislative Reference Service, Library of Congress]; Sept. 23, 1968. 1968. ix+ 153-204 p. il. (Committee print, 90th Congress, 2d session.) L.C. card 67-60332 Y 4 G 76/6: R 31/2/pt. 3
- 472 Planning-programming-budgeting, interim observations, study submitted by Subcommittee on National Security and International Operations (pursuant to S. Res. 212, 90th Cong.). 1968. iii+7 p. (Committee print, 90th Congress, 2d session.) [Includes list of publications on Planningprogramming-budgeting, 1967-68.] ‡ L.C. card 78-600152

Y 4 G 74/6: P 69/9

- 473 Planning-programming-budgeting, program budgeting in foreign affairs, some reflections, memorandum prepared [by Frederick C. Mosher], at request of Subcommittee on National Security and International Operations (pursuant to S. Res. 212, 90th Cong.). 1968. iii+24 p. (Committee print, 90th Congress, 2d session.) ± L.C. card 74-600151 Y 4 G 74/6 P 69/8
- 474 Riots, civil and criminal disorders, hearings before Permanent Subcommittee on Investigations, 90th Congress, 2d session, pursuant to S. Res. 216, 90th Congress. • Item 1031 Y 4.G 74/6: R 47/pt. (nos.) pt. 13. [Chicago, Ill.], Sept. 5-Oct. 11, 1968. 1968. iii+2657-2777 p. il. 5 pl. Paper, \$1.25. L.C. card 68-60271 475
 - pt. 14. [Wilmington Del.], Paper, \$1.00. L.C. card 68-60272 Del.], Oct. 8-11, 1968. 1968. iv+2779-2948 p. il. 1 pl.

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

469

Specialists and generalists, selection of readings, compiled by Subcommittee 476on National Security and International Operations (pursuant to S. Res. 212, 90th Cong.). 1968. v+71 p. (Committee print, 90th Congress, 2d * Paper, 30c. • Item 1037 session.) Y 4.G 74/6: Sp 3 L.C. card 74-600080

Interior and Insular Affairs Committee, Senate Washington, DC 20510

- Carl Sandburg Home National Historic Site, hearing, 90th Congress, 2d 477 session on S. 3050, Sept. 12, 1968. 1968. iii+14 p. • Item 1040 Y 4.In 8/13: C 19 L.C. card 68-67394
- Congressional white paper on national policy for environment. See Science 478 and Astronautics Committee, House.
- Great Swamp, Pelican Island, Monomoy, Seney, Huron, Michigan Islands, 479 Gravel Island, Green Bay, and Moosehorn Wilderness Areas, hearing before Subcommittee on Public Lands, 90th Congress, 2d session on S. 3379, S. 3343, S. 3425, S. 3502, June 20, 1968. 1968. iv+116 p. \dagger • Item 1040

L.C. card 68-67408

Y 4 In 8/13: G 79sw/4

- Interior nomination, hearing, 90th Congress, 2d session, on nomination of 480 John F. O'Leary to be Director of Bureau of Mines, Oct. 9, 1968. 1968. ii+6 p. † • Item 1040 Y 4 In 8/13: N 72/968-2 L.C. card 68-67396
- Taos Indians, Blue Lake, hearings before Subcommittee on Indian Affairs, 481 90th Congress, 2d session, on H.R. 3306, S. 1624, and S. 1625, Sept. 19 and 20, 1968. 1968. v+245 p. il. † • Item 1040 Y 4.In 8/13: T 15/2 L.C. card 68-67405

Judiciary Committee, Senate Washington, DC 20510

Consumer credit industry, hearings before Subcommittee on Antitrust and 482 Monopoly, 90th Congress, 1st session, pursuant to S. Res. 26.

Y 4.J 89/2: C 86/7/pt.3

- pt. 3. Credit insurance, Nov. 27-Dec. 18, 1967. 1968. xii+2051-2820 p. il. 1 tab. † • Item 1042 L.C. card 68-60807
- Consumer credit industry, hearings before Subcommittee on Antitrust and 483 Monopoly, 90th Congress, 2d session, pursuant to S. Res. 233.

Y 4.J 89/2: C 86/7/pt.3A

pt. 3A. Credit insurance, appendix, Nov. 27-Dec. 18, 1967. 1968. xii+2821-3620 p. il. † • Item 1 L.C. card 68-60807 1042

Copyright law revision, index of hearings before Subcommittee on Patents, Trademarks, and Copyrights, combined subject and name index, 89th Congress, 1st session, pursuant to S. Res. 48 on S. 1006 (Aug. 18-20, 1965), 89th Congress, 2d session, pursuant to S. Res. 201 on S. 1006 (Aug. 2-25, 1966), 90th Congress, 1st session, pursuant to S. Res. 37 on S. 597 (Mar. 15-Apr. 28, 1967); [prepared by Harriet L. Oler.] 1968. iii+151 p. † • Item 1042 L.C. card 75-600032 Y 4.J 89/2: C 79/4/967/ind.

Economic concentration, hearings before Subcommittee on Antitrust and 485 Monopoly, 90th Congress, 2d session, pursuant to S. Res. 233. Y 4.J 89/2: Ec 7/pt.7

L.C. card 65-60453 pt. 7. Concentration outside United States, Apr. 2-17, 1968. 1968. v1+3439-3891 p. il. * Paper, \$1.75. ● Item 1042

- Failing newspaper act, hearings before Subcommittee on Antitrust and 486 Monopoly, 90th Congress, 1st and 2d sessions, on S. 1312. L.C. card 68-60791 Y 4.J Y 4.J 89/2: N 47/2/pt.5
 - pt. 5. Excerpts from hearings on Concentration of ownership in news media before Antitrust Subcommittee of Judiciary Committee, House of Repre-sentatives, Mar. 13-Apr. 9, 1963. 1968. iv+2327-2544 p. il. 1 pl. * Paper, \$1.25. Item 1042

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

Page 31

International migration of talent and skill, hearings before Subcommittee on Immigration and Naturalization, 90th Congress, 1st session, Mar. 6 and 10, 1967. 1968. iii+363 p. il. † • Item 1042 L.C. card 68-67079

Y 4.J 89/2: T 14

Judicial reform act, hearings before Subcommittee on Improvements in Judicial Machinery, 90th Congress, 2d session, on S. 3055, S. 3060, S. 3061, S. 3062, Apr. 23-July 25, 1968, 1968, iv+311 p. † [Contains copyright material.] • Item 1042 L.C. card 78-600030

Y 4.J 89/2: J 89/18

- Jurisdiction of U.S. courts, nonappropriated fund activities, hearings before Subcommittee on Improvements in Judicial Machinery, 90th Congress, 2d session, on S. 3163, May 8 and 21, 1968, 1968, iv+279 p. † • Item 1042 L.C. card 68-62959 Y 4.J 89/2 : C 83/10 490
 - Lowering voting age to 18, hearings before Subcommittee on Constitutional Amendments, 90th Congress, 2d session, on S.J. Res. 8, S.J. Res. 14, and S.J. Res. 78, May 14-16, 1968. 1968. iv+113 p. † • Item 1042 L.C. card 68-67158 Y 4.J 89/2: V 94/3
- 491 Supreme Court, hearings before Subcommittee on Separation of Powers, 90th Congress, 2d session, June 11-14, 1968, 1968, v+662 p. [Errata, 1 p. 12°, issued also.] * Paper, \$2.75. • Item 1042 L.C. card 68-67409

Y 4.J 89/2: Su 7/3

492 Temporary judicial assignments, hearings before Subcommittee on Improvements in Judicial Machinery, 90th Congress, 2d session, on operation of procedures for temporary assignment of Federal judges, May 28 and 29, 1968. 1968. iv+126 p. † • Item 1042 L.C. card 68-67076

Y 4.J 89/2: J 89/17

Labor and Public Welfare Committee, Senate Washington, DC 20510

Compilation of selected public health laws, including particularly Public health service act, Clean air act, Solid waste disposal act, Mental retardation facilities and community mental health centers construction act, and Narcotic addict rehabilitation act, prepared by Subcommittee on Health; Mar. 1968. 1968. vi+315 p. (Committee print, 90th Congress, 2d session.) [Edge index and how to use on p. 4 of cover.] L.C. card 68-67124 - 1

Y 4.L 11/2: H 34/17

Economic opportunity act of 1964, as amended, prepared for Subcommittee on Employment, Manpower, and Poverty; Mar. 1968. 1968. ii+85 p. (Committee print, 90th Congress, 2d session.) ‡ L.C. card 68-62822

Y 4 L 11/2: Ec 7/2/968

- Hunger in America, chronology and selected background materials, prepared by Subcommittee on Employment, Manpower, and Poverty; Oct. 1968, 1968, ii+225 p. (Committee print, 90th Congress, 2d session.) ‡ L.C. card 68-67120 Y 4.L 11/2: H 89/2
- 495A International health, education, and labor programs, hearings before Special Subcommittee on International Health, Education, and Labor Programs, 90th Congress, 2d session, on S. 1779, S. 981, Apr. 25 and 26, 1968. 1968. iii+83 p † • Item 1043 L.C. card 73-600053

Y 4.L 11/2: In 8/3

- 496 Legislative history of Fair labor standards amendments of 1966. Public law 89-601, 89th Congress, H.R. 13712, prepared for Subcommittee on Labor; June 1968. 1968. v+205 p. (Committee print, 90th Congress, 2d Y 4.L 11/2: F 15/3
 - Middle-aged and older workers full employment act of 1968, bill text and section-by-section analysis of S. 4180, prepared for Special Subcommittee on Aging; Nov. 1968. 1968. ii+33 p. (Committee print, 90th Congress, 2d session.) ‡ • Item 1043 L.C. card 73-600088

Y 4.L 11/2 : M 58/7

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

489

487

488

494

493

495

497

498 Pension and welfare plans, hearing before Subcommittee on Labor, 90th Congress, 2d session, on S. 3421, S. 1024, S. 1103, S. 1255; July 25, 1968. 1968. iv+403 p. † • Item 1043 Y4.L11/2:P38 L.C. card 74-600143

499 Veterans in public service act, hearing before Subcommittee on Veterans Affairs, 90th Congress, 2d session, on S. 2910, S. 2911 [and] S. 2937, Mar. 12, 1968. 1968. iii+65 p. † • Item 1043 L.C. card 73-600045 Y 4.L 11/2 : V 64/25

Public Works Committee, Senate Washington, DC 20510

500Air pollution, 1968, hearings before Subcommittee on Air and Water Pollution. 90th Congress, 2d session, on air quality criteria.

Y 4.P 96/10 : Ai 7/968/pt.2

pt. 2. July 29-31, 1968. 1968. iv + 527-808 p. il. † L.C. card 68-61508 • Item 1045

Thermal pollution, 1968, hearings before Subcommittee on Air and Water 501 Pollution 90th Congress, 2d session, on extent to which environmental factors are considered in selecting powerplant sites with particular emphasis on ecological effects of discharge of waste heat into rivers, lakes, estuaries, and coastal waters.

L.C. card 68-61547

Y 4.P 96/10: T 34/pt.3

pt. 3. Appendix 1, 1968. iii+975-1060 p. † • Item 1045

Watershed project, upper North Laramie River, Albany County, Wyo., hearing before Subcommittee on Flood Control-Rivers and Harbors, 90th Congress, 2d session, Sept. 12, 1968. 1968. iii+15 p. † • Item 1045 Y 4.P 96/10: N 811 L.C. card 68-67155

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

1969 acreage marketing guides AMG (series).

- Item 18-D A 88.26/4:64 503 64. Spring vegetables and melons. Dec. 1968. 47 p. il. 4° †
- 504[This entry number not used.]

C&MS (series). †

A 88.40/2:(nos.)

- Sources of milk for Federal order markets by State and county, [Nov. 1968.] 52+[2] p. 11. 4° (Dairy Division.) [Reported for 1965 in C&MS (1966), issued in Sept. 1966.] 505
- 64. Highlights of matching fund marketing service programs. [Aug. 1968.] [2] +3-134 p. oblong 12° [Conducted by State departments of agriculture under Agricultural marketing act of 1946, In cooperation with Consumer and Marketing Service, Department of Agriculture, July 1, 1964–June 30, 506 1966.]
- USDA grade names for food and farm products. [Nov. 1968.] 34 p. 4° [Super-sedes Agriculture handbook, 342, U.S. grade names for food and farm 507 products.]
- List of chemical compounds authorized for use under USDA poultry, meat, rabbit, and egg products inspection programs. Revised Oct. 1968. [1968.] 129+A9 p. 4° (Technical Services Division.) [List Complete as of Oct. 1, A 88.6: C 42/968-2 1968.1* Paper, \$1.00. • Item 107–B
- 509List of plants operating under USDA poultry and egg inspection and grading programs, Apr. 1968, 62 p. 4° (Poultry Division.) +

A 88.15/23:968

Marketing Florida vegetables, summary of 1968 season, fresh fruit and vegetable Federal-State market news, Nov. 1968, 98 p. il. 4° (Fruit and Vegetable Division.) [Prepared in cooperation with Florida Department of Agriculture, Division of Marketing, Market News Section.] * Paper, A 88.2: V 52/9/968 75c. • Item 24–B

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

502

511 Poultry inspectors' handbook. Oct. 1968. cover title, [181] p. il. 4° ([Poultry Division]; Consumer protection programs.) [Issued in looseleaf form. Some pages are left blank for notes.] † • Item 24-P

A 88.6/4: P 86/968

512 United States standards for grades of grapefruit juice, effective Oct. 1, 1968. 1st issue. [1968.] [2]+6 p. il. 4° [Published in Federal register, Feb. 2, 1968. Supersedes United States standards for Grades of canned grape-fruit juice, as amended Dec. 20, 1963.] † Chief, Processed Products Standardization and Inspection Branch, Fruit and Vegetable Division, C&MS, Department of Agriculture, Washington, DC 20250

A 88.6/2: G 767/10

513 United States standards for grades of mixed nuts in shell, effective Oct. 1968. [1968.] 3 p. † A 88.6/2: N 95

COPYRIGHT OFFICE, Library of Congress Washington, DC 20540

514 70th annual report of Register of Copyrights, fiscal year 1967. 1968. [4]+33 p. il. 4° [Reprinted from Annual report of Librarian of Congress, fiscal year 1967.] L.C. card 10-35017 LC 3.1:967

515 Catalog of copyright entries, 3d series. v. 18. pt. 2. Periodicals; Jan.-Dec. 1964. 1968. ix+492 p. 4° • P additional for foreign mailing; single copy, \$1.00. L.C. card 6-25247 Paper, \$2.00 a yr., 50c.
 00. Item 793 LC 3.6/5 : v.18/pt.2

516 Catalog of copyright entries, 3d series, v. 19.

pt. 1. Books and pamphlets, including serials and contributions to periodicals, no. 2, July-Dec. 1965, 1968. x+1371-2655 p. 4° * Paper, \$2.50. • Item 79

L.C. card 6-35347

LC 3.6/5: v.19/pt.1/no.2

Catalog of copyright entries, 3d series, v. 21. * Paper, \$50.00 a yr. (including semiannual issues of pts. 1-13); \$12.50 additional for foreign mailing.

- pt. 6. Maps and atlases, no. 2; July-Dec. 1967. 1968. ix+143-237 p. 4° L.C. card 6-35347 LC 3.6/5: v.21/pt.6/no.2
 - NOTE.—Part 6 also sold separately on subscription. * Paper, \$5.00 a yr., \$1.25 additional for foreign mailing; single copy \$2.50.
- Commercial prints and labels, no. 2; July-Dec. 1967. 1968. viii+61-118 p. 4° Item 799 L.C. card 6-35347 LC 3.6/5: v.21/pt.11B/no.2 LC 3.6/5: v.21/pt.11B/no.2 Norn.—Part 11B also sold separately on subscription. * Paper, \$5.00 a yr., \$1.25 additional for foreign mailing; single copy, \$2.50. pt. 12-13. Motion pictures and filmstrips, no. 1; Jan.-June 1967. 1967 [published 1968]. ix+65 p. 4° • Item 800 519 1968]. ix+65 p. 4° L.C. card 6-35347 LC 3.6/5 : v.21/pt.12-13/no.1
 - NOTE.--Part 12-13 also sold separately on subscription. * Paper, \$5.00 a yr., \$1.25 additional for foreign mailing; single copy, \$2.50. pt. 12-13. Motion pictures and filmstrips no. 2; July-Dec. 1967. 1968. ix+67-132

p. 4° • Item 800 L.C. card 6-35347 800

LC 3.6/5: v.21/pt.12-13/no.2

Circulars. † • Item 802-A

LC 3.4/2:(nos.)

521 522

517

518

520

pt. 11B.

2B. Selected bibliography on copyright. Oct. 1968. [2] p. 4°
96. Regulations of Copyright Office [as amended through July 4, 1967]. [Sept. 1968.] cover title, 17 p. [Text on p. 2 of cover.] 96.

COURT OF CLAIMS Washington, DC 20006

523 [U.S. Court of Claims reports] : v. 184, cases decided in United States Court of Claims, May 1-June 30, 1968, with report of decisions of Supreme Court in Court of Claims cases ; reported by Margaret H. Pierce, reporter. 1968. xvii+855 p. * Cloth, \$5.25. • Item 730 L.C. card 11-11998

Ju 3.9:184

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

CUSTOMS BUREAU, Treasury Dept. Washington, DC 20226

Travelers, so you want to import a pet. [1968.] [8] p. il. narrow 8° (Office 524 T 17.2 . P 44/968 of Information and Publications.) † • Item 950

DEFENSE DEPARTMENT Washington, DC 20301

Armed services procurement regulation; [Sept. 1, 1968]. 1969 edition. [1968.] [2835] p. 4° [Issued in loose leaf form. Replaces 1963 edition and its 30 revisions.] * Paper, \$54.00 (including basic regulation and sup-plementary service for an indefinite period), \$14.00 additional for for-525 D 1,13:969 eign mailing. • Item 303

- Cataloging manual M (series). (Defense Logistics Services Center, Battle Creek, Mich.) [Issued in looseleaf form.]
- Creek, Mich.) [Issued in foostcar form, format, content and prep-1-7. Federal manual for supply cataloging: chap. 7 [Format, content and prep-nation of Federal supply catalog publications], Jan. 1967. Change 3, Oct. 1, 1968. [36] p. 4° (AR 708-17.) * Paper, 35c. Item 314-A D 7.6/3:1-7/4/ch.3 526

Defense Supply Agency handbook DSAH (series).

- 4215.21. Industrial plant equipment handbook: FSC 6675, 6695, combination and missellaneous instruments including dynamometers. Nov. 1968. cover fittle, v+87 p. 4° (SB 708-6695-1; NAVSUP pub 5519; [Air Force Dept.] AFM 78-30; [Marine Corps] MCO P 4870.25A) [Issued with perforations.] † Ø Item 314-A D 7.6/7; 4215.21/2 5000.2. See Army Department Civilian personnel pamphlet CPP 63. 528
 - Defense Supply Agency manual DSAM (series).
- 4130.2. Federal item identification guides (FIIG) improvement program pro-cedures manual. Oct. 1906 [published 1968]. cover title, [64] p. il. 4° ([Army Dept.] AR 708; [Navy Dept.] NAVSUP PUB 5001; [Air Force Dept.] AFM 72-3; [Marine Corps] MCO 4410.6A.) [Reprint which includes Change 1. Issued in looseleaf form. Supersedes DSAM 4130.2, July 1965.] * Paper, 40c. Item 314-A D 7.6/8:4130.2/3 529
- Federal item identification guide: Cabinets and racks. Nov. 22, 1968. cover 530 title, [88] p. il. 4° (FIIG AO55; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perfora-tions.] * Paper, \$1.00. • Item 314-A D 7.6/4: C 11
- Conduit fittings, June 16, 1967, Change 1. Oct. 11, 1968. [8] p. 4° 531 (FIIG A018; Defense Supply Agency, Defense Logistics Service Center, • Item 314-A D 7.6/4: C 75/ch. 1 * Paper, 15c. Battle Creek, Mich.)
- Conduit outlets. Nov. 8, 1968. cover title, [72] p. il. 4° (FIIG AO 35; 532 Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] * Paper, 75c. • Item 314-A

D 7.6/4: C 75/3

- Gaskets, packings, and seals, Mar. 1, 1968, Change 2. Nov. 29, 1968. 533 [84] p. il. 4° (FIIG AO32 change 2; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perfora-D 7.6/4: G 21/ch. 2 • Item 314-A tions.] * Paper, 75c.
- -Pipe and tube, metallic. Apr. 14, 1968. Change 1. Apr. 25, 1968. [24] 534 (FIIG A004; Defense Logistics Services Center, Battle Creek, p. 4° Mich.) [Issued with perforations.] * Paper, 20c. • Item 314-A

D 7.6/4: P 66/ch. 1

- Ranges electric, gas, and oil burning. Nov. 29, 1968. cover title, [47] p. 535 il. 4° (FIIG A050; Defense Supply Agency, Defense Logistics Services Center, Battle Creek, Mich.) [Issued with perforations.] * Paper, 55c. D 7.6/4: R 16 • Item 314-A
- -Resistors, variable. Nov. 22, 1968. cover title, [108] p. il. 4° (FIIG A002; Defense Supply Agency, Defense Logistics Services Center, Battle 536 Creek, Mich.) [Issued with perforations.] * Paper, \$1.25. • Item D 7.6/4: R 31/2 314-A

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

Page 35

329-557-69--4

() () ()	cover title, Logistics (tions.]	identification guide: Rings wiping and sealing. Nov. 15, 1968. [51] p. il. 4° (FIIG AOS4; Defense Supply Agency, Defense Services Center, Battle Creek, Mich.) [Issued with perform- Paper, 55c. ● Item 314-A
538	Integrated lo	D 1.0/4: R 47 Dogistics support planning guide for DoD systems and equip- 15, 1968. vi+114 p. il. 13 pl. 4° ([DoD 4100.35-G.]) * Paper, tem 306-A
539	* Paper, \$3	D $1.6/2$: L 82 ndling standard time data, Change 2. Oct. 1, 1968. [419] p. 4* .15.1-M ; Defense Supply Agency.) [Issued with perforations.] .25. • Item $314-A$ D $7.6/4$: M $41/ch$. 2
	Military stan 314–J	dard MIL STD (series). [Issued with perforations.] • Item
540	199A.	Resistors, selection and use of July 15 1965 al / 20 / 10:(nos.)
541	413A.	D 7.10:(nos.) Resistors, selection and use of, July 15, 1965. vi+21+(112) p. 1. ⁴ ° (FSC 5905.) [Supersedes MIL_STD-199, Mar. 1, 1962.] + Visual Inspection guide for rubber O-rings. Aug. 8, 1968. v+91 p. 11. ⁴ ° [Supersedes MIL_STD-413, July 8, 1957.] + Londers, scorp-type, types and capacities. Oct. 9, 1968. ix+4 p. 4c
542	632A.	⁴ [Supersedes MIL-STD-413, July 8, 1957.] ‡ Loaders, scoop-type, types and canacitlas Oct p. 1008. V+91 p. 11.
543	669B.	 ⁴⁶ [Supersedes MIL-STD 413, July 8, 1957.] ⁴⁷ Loaders, scoop-type, types and capacities. Oct. 9, 1968. iv+4 p. 4° (FSC 3805.) [Supersedes MIL-STD-632, Nov. 20, 1964.] ⁴⁷ Loading environment and related requirements for platform rigged airdrop material. Aug. 9, 1968. v+11 p. 11. 4° (FSC-1670.) [Supersedes MIL-STD-669A, Nov. 3, 1965.] ⁴⁷ Reference radiographs for steel welds. Nov. 19, 1965. v+8+[14] [D. 11. 4°]
544	779.	Reference radiographs for steel welds. Nov. 3, 1965.] ‡
545	851A (ASG).	Military standard : Coding ; Manufacturer's color, nylon parachute
546	1261A (MR).	 p. II. 4° Military standard: Coding; Manufacturer's color, nylon parachute cloth. Aug. 16, 1968. II+3+[2] p. 4° (FSC 8305.) [Superseding MIL-STD-851 (ASG), May 5, 1965.], ‡ Welding procedures for constructional steels. Sept. 30, 1968. [1] +11 p. 4° (FSC THJM.) [Supersedes MIL-STD-1261A (MR), June 18, 1964.] ‡ Internal translent control for solid state power supplies. Oct. 10, 1968. v+10 p. 4° (FSC MSC.)
547	1281 (EL).	June 18, 1964.] † Internal transient control for colld stat
548	1311.	Internal transient control for solid state power supplies. Oct. 10, 1968. v+10 p. 4° (FSC-MFSC.) ± Test methods for electron tubes, notice 1 Oct 18 1000 trans
549	1319 (Navy).	(FSC 5960.) 1 Preparation of more than the first sector of the fir
550	1405.	July 15 100+12] p. 11 4° (FSC 8140.) [Supersedes WD 49
551	1450 (MU).	
552	MILSCAP, mi	Military standard: Lubrication of fire control instruments. Aug. 2, 1968. iil+3+[2] p. 4° (FSC 12GP.) ‡
	Supply Agen	litary standard contract administration procedures, DoD Sept. 1968, cover title, [1]+22 p. il. oblong 16° ([Defense key.]) * Paper, 20c. Item 314-A D 7.2: M 59/2
553	MILSTRIP, M	ilitary appletance provide an
	or Defense, Supersedes	(Installations and Logistics).) [Issued with perforations. DoD 4140.17-M, supp. 2, Sept. 1, 1967 and changes 1-21, change 20A.] * Paper, \$2.50. • Item 314-A
554		1176/4 M 50/mm 0/ 0
	1967] ; Chan looseleaf for	litary assistance program address directory, supp. 2 [Nov. 1, ge 21. Dec. 1, 1968. [34] p. 4° (DoD 4140.17-M.) [Issued in n.] * Paper, 35c. Item 314-A
555		D 7.6/4 · M 59/supp 9/man (a) of
	1968], cover	1: v. 1. Active duty compensation. Nov. 1, 1967 [published
	* Paper, \$2.00 L.C. card 78-	. • Item 306 600187
556	National securit	D 1.2 : P 29/v.1 ty management, correspondence course, information booklet, llege of Armed Forces [1968] correction of the constant
	315-A	Item
056A	Overseas emplo [36] p. il. 4º	yment opportunities for educators. Oct. 1968. cover title, (Overseas Dependents schools.) † • Item 306
		D 1.2: Ed 8/968

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

Quality and reliability assurance technical report TR (series).

9. Zero defects, quest for quality [with bibliographies; John J. Riordan, editor]. Aug. 15, 1968. cover title, x1+232 p. 4° (Office of Assistant Secretary of Defense (Installations and Logistics).) [Issued with perforations.] * Paper, \$2.00. ● Item 314-H

U.S. Court of Military Appeals digest (2nd annual cumulative supplement), 1968 pocket part. Sept. 1968. [2]+107 p. * Paper Soc. • Item D 1.19/3:968 supp 311-B

ECONOMIC DEVELOPMENT ADMINISTRATION, Commerce Dept. Washington, DC 20230

- Preliminary design study of national program for training skilled aviation personnel; prepared by Arizona State University. July 1968. xii+123+ [35] p. il. 4° * Paper, \$1.50. • Item 130-D C 46.2: Av 5/2 L.C. card 76-600323
- 560 Qualified areas [qualified for full financial assistance, and for grants only], C 46.17: Q 2 Sept. 1, 1968 [map]. 1968. 26 x 40 in †

Insets : A. Samoa Alaska Guam Hawaii

Puerto Rico Virgin Islands

L.C. card MAP 68-141

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

- 561 Conference proceedings, 2d annual conference on women in war on poverty, Washington, D.C., May 15-17, 1968. [1968.] cover title, 64 p. il. 4° • Item 857-H PrEx 10.2 : W 84/968
- 562 Job Corps centers [list]. Oct. 1, 1968. [8] p. (J-50a.) † • Item 857–H PrEx 10.2 : J 57/3/968-2

Project Head Start (series).

- 7. Daily program II, manual for teachers; prepared by Bettye M. Caldwell. [1968.] cover title, 128 p. il. ([H-19; Community Action Program], Children's Center, Upstate Medical Center, State University of New York, Syracuse, N.Y.) [Text and other illustrations on p. 1-4 of cover.] H-12 563
- 564 Public affairs handbook: v. 1, The Printed word; produced by Office of Public Affairs. [1968.] cover title, [37] p. il. ([E-21a.]) [Text on p. 3 of cover.] † • Item 857-H-2 L.C. card 68-67187

PrEx 10.8: P 96/2/v.1

ECONOMIC RESEARCH SERVICE, Agriculture Dept. Washington, DC 20250

	Agric	ultural economic reports. • Item 42–U	A 93.28; (10S.)
565	128.	Financing industrial development through State and [with list of readings; by Thomas F. Stinson], [Dec. vised Nov. 1968.] [1968.] iv+14 p. 4° (Economic * Paper. 15c.	1967; slightly re-
566		Farmers' pesticide expenditures for crops, livestock, and in 1964. [Oct. 1968.] vi+20 p. il. 4° * Paper, 25c.	
567		Farmers' expenditures for custom pesticide service in Jenkins and others.] [Oct. 1968.] vi+24 p. il. 4° Economics Division.] * Paper, 25c.	[Farm Production
568	149.	Major uses of land and water in United States with a agriculture, summary for 1964 [with list of literature c Frey, Orville E. Krouse and Clifford Dickason]. [Nov. 4° * Paper, 70c. L.C. card Agr 68-308	ited; by H. Thomas
		(series). † • Item 42–I	A 93.21:(nos.)
569		Economic evaluation of south-western North Carolina n [by Jack Ben-Rubin]. [Nov. 1968.] iv+60 p. il. 4° (ment Division.]) L.C. card Agr 68-302	[Economic Develop-
570	389.	Farm financial management research, theoretical analy wick]. [Nov. 1968.] 1v+26 p. il. 4° L.C. card Agr 68-314	sis; [by Don Bost-

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

ERS-foreign (series). t

A 93.21/2:(nos.)

- 3. Storeigh (series). 1 235. Brazilian agricultural situation, a look ahead; by John Earl Hutchison. Sept. 1968 8 p. 4° L.C. card 75-600091
 236. Republic of South Africa's agricultural trade, projections to 1970 and 1975; by Ronald E. Kampe. Sept. 1968, 12 p. 4° [Page 12 left blank.]
 239. Far East and Oceania agricultural situation, 1968 midyear review. Nov. 1968, 12 p. 4° Item 76-G 571
- 572
- 573

Foreign agricultural economic report.

574

Agricultural development and expansion in Nile Basin, programs, production, implications for U.S. agriculture [with list of references; by Cline J. Warren]. [1968.] cover title, vi+114 p. il. Item 42-B
 L.C. card Agr 68-306
 A 93.27:48

575 U.S. foreign agricultural trade by countries, fiscal year 1966/67. June 1968. .8. foreign agricultural trade by countries, liscal year 1900/01. Julie 1903. [2]+96+[1] p. il. 4° ([ERS-236; Trade Statistics and Analysis Branch, Foreign Development and Trade Division.]) [Supplement to monthly Foreign agricultural trade of United States.] $\dagger \bullet$ Item 42 (special offer) A 93.17/4:966-67

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

Consortiums in American higher education : 1965-66, report of exploratory 576 study; by Raymond S. Moore. [Sept. 1968.] viii+47 p. il. (OE-50055.) [Text on p. 2 of cover.] * Paper, 35c. • Item 460-A-50 L.C. card HEW 68-136

FS 5.250 : 50055

- Early childhood education; by Minnie Perrin Berson. [1968.] [8] p. il. 577 large 4° (OE-16000.) [Reprinted from American education, Oct. 1968.] * Paper, 20c. • Item 460-A-16 FS 5.216: 16000
- 578 Educational talent search program 1968-69. Sept. 1968. vii+62 p. (OE-55055.) * Paper, 35c. • Item 460-A-55 L.C. card HEW 68-135

FS 5.255: 55055

- 579 Good training, good jobs: MDTA occupational therapy assistant program. [1968.] [1]+7+[2] p. il. oblong, folding into narrow 8° ([OE-87027; Division of Manpower Development and Training.]) † • Item 460-Division of Manpower Development and Training.]) A-87 FS 5.287 : 87027
- 580 Good training, good jobs, MDTA upgrading practical nurses. [1968.] [8] p. il. narrow 8" ([OE 87028; Division of Manpower Development and Training.]) * Paper, 5c. • Item 460-A-87 FS 5.287 : 87028
- 581 Manpower research, inventory for fiscal years 1966 and 1967; prepared by Interagency Committee on Manpower Research. [1968.] vi+261 p. oblong 12° ([OE-12036; ERIC, Educational Resources Information Center].) [Indexed and abstracted by ERIC, Clearinghouse on Vocational and Technical Education, Ohio State University.] * Paper, \$2.75. • Item 460-A-12 L.C. card HEW 68-127

FS 5.212: 12036

- 582 Participation and partnership, remarks by Harold Howe II, Commissioner of Education, Department of Health, Education, and Welfare, before annual meeting of Council of Chief State School Officers, Salt Lake City, Nov. 18, 1968. [1968.] 11 leaves, 4° FS 5.8: H 83/59
- 583 Path to integration; by Charles E. Martin. [1968.] [4] p. il. large 4° (OE-38010.) [Reprinted from American education, Sept. 1968.] * Paper, 10c. • Item 460-A-38 FS 5.238: 38010
- 584 Planning and designing functional facilities for industrial arts education [with list of selected references]; by Marshall L. Schmitt and James L. Taylor. [1968.] [2]+54 p. il. oblong 12° (OE-51015.) * Paper, 45c. • Item 460-A-51 L.C. card HEW 68-134

FS 5.251 : 51015

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

- Profiles in quality education, 150 outstanding title 1, ESEA, projects. [1968.] iv+[1]+123 p. oblong 12° (OE-37018.) (Division of Com-pensatory Education.) * Paper, \$1.25. Item 460-A-37 585 FS 5 237: 37018 L.C. card HEW 68-131
- Regional educational laboratories, progress report, July 1968; [prepared 586 by Division of Educational Laboratories staff]. [1968.] cover title, [4] +20 p. 4° ([OE-12030; Bureau of Research.]) * Paper, 35c. • Item 460-A-12

FS 5.212: 12030

Research and development, advances in education. Nov. 1968. [6]+108 p. 587 il. ([OE-12034]; Bureau of Research.) * Paper, \$1.50. • Item 460-A-12

L.C. card HEW 68-126

L.C. card HEW 68-133

FS 5.212: 12034

- Specifications for comprehensive undergraduate and inservice teacher edu-588 cation program for elementary teachers, final report. Oct. 31, 1968, xiv+ 550 p. il. 4° (Bureau of Research.) [Project 8-9018, contract OEC-0-8-0918-3313 (010) ; Syracuse University, Syracuse, N.Y.] * Paper, \$4.50 • Item 460-A-58 FS 5.258: 58016 L.C. card 78-600207
- To reject no one, remarks by Harold Howe II, Commissioner of Education, 589 Department of Health, Education, and Welfare, before Congressman John Brademas' Conference on Major Tensions in American Education, Notre Dame, Ind., Oct. 26, 1968. [1968.] 13 leaves, 4° † FS 5.8 : H 83/58
- U.S. Office of Education handbook organization and functions. [Revised 590 1968.] [1968.] [48] p. il. oblong 12° (OE-11002-B.) [Organization chart on p. 3 of cover.] * Paper, 75c. • Item 460-A-11 FS 5.211: 11002.B/2 L.C. card E 55-260
- Urban education: [Urban design-athon; by William W. Chase]. [1968.] [4] 591 p. il. large 4° (OE-51017.) [Reprinted from American education, Nov. FS 5.251: 51017 1968.] * Paper, 10c. • Item 460-A-51

EMERGENCY PLANNING OFFICE, Executive Office of the President Washington, DC 20504

Stockpile report to Congress, Jan.-June, 1968 [pursuant to sec. 4 of Stra-592 tegic and critical materials stock piling act, Public law 520, 79th Congress]. [1968.] vi+31 p. il. 4° † PrEx 4.9:968 L.C. card 51-60126

EMPLOYMENT SECURITY BUREAU, Labor Dept. Washington, DC 20210

BES (series).

E261. Manpower and operations research studies of U.S. Employment Service and State employment services 1958-67, selected bibliography; [prepared by Julia Mash, Jeremiah Jenkins, and Carolyn Broome under direction of Harold Kuptzin.] 1968. [2] leaves+v+140 p. 4° † Item 752-B L.C. card 68-62863

United States Employment Service test research report.

Renorming USES statistical typing test. Feb. 1968. [5]+13 p. il. 4° (U.S. Employment Service.) †

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.

Gulf Intracoastal Waterway, St. Marks to Tampa Bay, Fla., letter from 595 chief of engineers, Army, submitting report on review of report; Sept. 19, 1968. 1968. xvii+95 p. il. 3 pl. 4° [Also issued as H. doc. 386, 90th Cong., 2d sess.] ‡ • Item 334-A D 103.22: G 95/10

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

Page 39

593

Interim report no. 3, Wabash River basin comprehensive study, Indiana, Illinois and Ohio, letter from chief of engineers, Army, submitting report on interim report, v.1; July 10, 1968, 1968, xlvi+299 p. il. 2 pl. 4° issued as S. doc. 96, pt. 1, 90th Cong., 2d sess.] ‡ • Item 334-A [Also

D 103.22 : W 11/2/v. 1

List of publications of Army Engineer Waterways Experiment Station, including hydraulic reports of other Corps of Engineers Laboratories and reports of hydraulic model investigations sponsored by other Corps of Engineers offices. Army-MRC Vicksburg, Miss., Jan. 1, 1968. [175] p. 4° [Issued in looseleaf form.] † Army Engineer Waterways Experiment Station, Post Office Box 631, Vicksburg, Miss. 39180 L.C. card 50-60820

D 103.24/6:968

- Mad River, Humboldt and Trinity Counties, Calif., letter from chief of engineers, Army, submitting report on interim report ; July 16, 1968, 1968. [Also issued as H. doc. 359, 90th Cong., 2d sess.] • Item 334-A D 103.22 : M 26/3
- Miami Harbor, Fla., letter from chief of engineers, Army, submitting report on review of report ; July 10, 1968, 1968, xi+49 p. il. 1 pl. 4° [Also issued as S. doc. 93, 90th Cong., 2d sess.] ‡ • Item 334-A

D 103.22: M 58/2/968

- Ohio River Division Laboratories : Technical reports.
- 2-73. Study of bending of high strength reinforcing bars, literature review and survey of problem [and with list of references]; by I. Narrow. Oct. 1968.
 4-71. Flame spread tests on foam plastic materials; by A. N. Collishaw. Oct. 1968. vii+19+[12] p. ii. 4°
- 602

Pecan Bayou, Tex., letter from chief of engineers, Army, submitting report on watershed; July 8, 1968. 1968. xxix+326 p. il. 19 pl. 4° [Also issued as H. doc. 350, 90th Cong. 2d sess.] ‡ • Item 334-A D 103.22 : P 33/4

Water resources for central and southern Florida, letter from chief of engineers, Army, submitting report on review of report; July 30, 1968. 1968. xxv+323 p. il. 22 pl. 6 tabs. 4° [Also issued as H. doc. 369, 90th Cong., 2d sess.] ‡ • Item 334-A D 103.22: F 66/10

Waterways Experiment Station.

Technical report.

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

- Waterways Experiment Station, Miscellaneous paper.
 - C-68-6. Investigation of resistance of preplaced-aggregate concrete to freezing and thawing [with list of literature cited]; by W. O. Tynes, J. E. McDonald, Army-MRC Vicksburg, Miss. Sept. 1968. [46] p. il. 4° [Sponsored by Office, Chief of Engineers, Army.] ‡ D 103.24/4: C-68-6

000	D 103.24/2:(nos.)
606	 H-65-5. Navigation conditions at Robert S. Kerr Lock and Dam. Arkansas River, hydraulic model investigation; by J. J. Franco, J. E. Glover. Army- MRC Vicksburg. Sept. 1968. x+20+[30] p. il. 4° [Sponsored by H-68-6. Design for outcomercial sectors]
	City, Calif., hydraulic model investigation [with list of literature cited]; by P. K. Senter [and] C. W. Brasfelld. Army-MEC Vickshore: Miss. Sent 1968 is: 100 June 1969 [arcs of the sentence of the sentenc
607	H-68-7. Navigation conditions in Fort Smith reach, Arkansas River, hydraulic model investigation; by J. J. Franco [and] L. J. Show Army Mice Conv. Mice Science (1997)
608	H-68-9. Wave and surge conditions after proposed expansion of Monterey Har- bor, Monterey, Calif. hydraulic model investigation [with list of literature cited]; by C. E. Chatham I. Army-MRC Vickshurg Mice Sept. 1968. x ± 30.4 [cost].
609	Engineer
00.9	Waukegan Harbor III letter 6

or, Ill., letter from chief of engineers, Army, submitting report on review of report ; July 26, 1968. 1968. x+66 p. il. 1 pl. 4° issued as H. doc. 368, 90th Cong., 2d sess.] ‡ • Item 334-A [Also

D 103.22: W 35/2

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

598

596

597

604

COF

600 601

610 Wild Rice River, Minn., letter from chief of engineers, Army, submitting report on interim survey; July 25, 1968. 1968. xvii+-229 p. il. 3 pl. 4° [Also issued as H. doc. 366, 90th Cong., 2d sess.] ‡ • Item 334-A D 103.22 : W 64/2

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

ESSA technical memorandum. (ESSA Research Laboratories; Atlantic Oceanographic Laboratories, Miami, Fla.)

611

ERL/TM-AOL 1. Time series from beach environment [with list of references; by] W. Harrison [and others]. Jan. 1968. [91] p. il. 1 pl. 4° (Land and Sea Interaction Laboratory, Norfolk, Va., LAS IL contribution no. 12.) ‡ C 52.15/2:ERLTM-AOL 1

ESSA technical memorandum. (ESSA Research Laboratories, National Severe Storms Laboratory.)

612

ERLTM-NSSL-40. Objective detection and correction of errors in radiosonde data [with list of references; by] Rex L. Inman. June 1968. iv+50 p. il. 4° Φ Paper, \$3,00.

C 52.15/2 : ERLTM-NSSL-40

ESSA technical memorandum. (Research Laboratories, Air Resources Laboratories, Silver Spring, Md.)

RLTM-ARL 1. Preliminary meteorological data summary, route 17, July 1966– June 1967; [by] Kobert J. List [and others]. Nov. 1967. ill +67 p. il. 4° [Prepared for Atlantic-Pacific Interoceanic Canal Commission under AEC, Nevada Operations Office con-tract SF 54-351.] ‡ C 52.15/2: RLTM-ARL 1

ESSA technical memorandum. (Research Laboratories, Pacific Oceanog-raphy Laboratory, Honolulu, Hawaii.)

614

RLTM-POL 1. Deep sea release mechanism [with one reference; by] T. J. Sokolowski, G. R. Miller. Jan. 1968. ill leaves + 7 p. il. 4° [Joint Tsunami research effort.] ‡ C52.15/2: RLTM-POL 1

ESSA technical report. (ESSA research laboratories; Atmospheric Physics and Chemistry Laboratory, Boulder, Colo.)

ERL 80-APCL 3. Ozonesonde observations, 1962-66, v. 2, [with list of references; edited by] W. D. Komhyr and R. D. Grass. Aug. 1968. iii +245 p. il. 4° * Paper, \$1.50. C 52.15; ERL 80-APCL 3

ESSA technical report. (Weather Bureau.) WB-6. Climatology of Atlantic tropical storms and hurricanes, erratum; [by] M. A. Alaka. [1968.] 1 p. 4° † Item 208-B-7 C 52.15: WB-6/errata 616

Key to meteorological records documentation.

 5.311. Catalog of meteorological satellite data, ESSA 1 television cloud photography, pt. 2, Apr. 1-Oct. 6, 1966. 1968. [2]+59+[152] p. il. 4° (Environmental Data Service.) * Paper, \$1.75. Item 275-C C 30.66/2: 5.311/pt.2

Weather Bureau and water management. [1968.] 16 p. il. 4° 618 ([ESSA/ C 52.2: W 37/4 P1680010.]) * Paper, 25c. • Item 208-B-1

EXPORT-IMPORT BANK OF UNITED STATES Washington, DC 20571

NOTE.--The name of the Export-Import Bank of Washington was changed to Export-Import Bank of United States by Public law 90-267, Mar. 13, 1968.

Eximbank, Export-Import Bank of United States, fiscal 1968 report. 1968. cover title, [1]+117 p. il. 4° * Paper, \$1.25. • Item 1061

Y 3.Ex 7/3: 1/968

Page 41

FARM CREDIT ADMINISTRATION Washington, DC 20578

Circular.

36. Farm credit system, functions and organization. [July 1968.] cover title, 20 p. il. † ● Item 430-J-4 FCA 1.4: 36/2

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

613

615

617

619

FEDERAL AVIATION ADMINISTRATION, Transportation Dept. Washington, DC 20553

Airport activity statistics of certificated route air carriers, 12 months ended Dec. 31, 1967. [1968.] xiv+[1]+294+[1] p. oblong 8° [Semiannual. Prepared jointly by Civil Aeronautics Board and Federal Aviation Administration.] * Paper, \$2.50. • Item 177-A L.C. card 63-4959

TD 4 14 : 967-2

622 Airport emergency operations planning. July 26, 1968. cover title, [91] p. 4° ([Advisory circular] AC 150/5200-10.) [Cancels AC 150/5210-1 and AC 150/5210/3. Issued with perforations.] † • Item 431-C-4

TD 4.8 : Em 3

- Bibliographic list. (Office of Headquarters Operations, Library Services Division.)
- Circadian rhythms, selected references; [compiled by Louise Annus Heller]. July 1968, cover title, [3]+82 p. 4° † TD 4.17/3:15 623 624
- Facility operation handbook, change 7; [Sept. 26, 1968. [1968.] [52] p. il. 4° [Effective Jan. 1, 1969; cancellation July 1, 1969. Issued in looseleaf • Item 431–1)–1 form.] 1 FAA 3.8: F 11/967/ch.7
- 625 Flight engineer written test guide. 1968. [3]+43 p. il. 4° ([AC 63-1A.]) * Paper, 50c. • Item 431-C-4 TD 48: En 3 Handbook.
- 626

627

621

- 1600.2. Safeguarding classified information. July 30, 1968. cover title, [133] p. 4° [Cancels OA 1' 1600.2, OA 1600.7, CS 1600.1, 6030.16.] † Item 431-C-4 TD 4.8/2:1600.2
- Master plan report, Washington National Airport. 2d printing Oct. 1968. [1968.] 71 p. il. oblong f° ([Contract FA66 WA-1559.]) [Erratum correcting inaccuracies in original printing appears on title page.] * Paper, \$4.00. • Item 431-C-8 L.C. card 73-600037

TD 4.2: W 27

FEDERAL COMMUNICATIONS COMMISSION Washington, DC 20554

628 FCC in fiscal 1968, summary of activities. [1968.] [2]+20+[1] p. oblong 24° Item 285 CC 1.2: F 31/2/968

FEDERAL CREDIT UNIONS BUREAU, Health, Education, and Welfare Dept., Washington, DC 20201

629 Annual report of Bureau of Federal Credit Unions, 1967. [1968.] cover title, v+125 p. il. 4° ([FCU-561.]) † • Item 525 FS 3.301: 967

FEDERAL DEPOSIT INSURANCE CORPORATION Washington, DC 20429

630 Impact of computers on small and medium-sized banks; [by] James A. Vaughan, Avner M. Porat, John A. Haas, College of Business, University of Rochester. [1968.] 27 p. † Y 3 F 31/8: 2C 73

Report of call.

- 84. Assets, liabilities, and capital accounts, commercial and mutual savings banks, June 29, 1968. [Oct. 1968.] cover title, 42 p. oblong S^o [Call no. 83, Apr. 18, 1968 not tabulated for all banks.] † WAR 24 (0.000)
 - Y 3.F 31/8:9/84
- 632 Report to insured banks, June 30, 1968. [1968.] cover title, 12 p. il. 4° ‡ L.C. card 36-26878 Y 3 F 31/8: 17/968

FEDERAL HIGHWAY ADMINISTRATION, Transportation Dept. Washington, DC 20591

633 Handbook of highway safety design and operating practices. May 1968. vi+36+[2] p. il. oblong 12[∞] [Issued with perforations.] * Paper, 40c. ● Item 982-G-2 L.C. card 68-67194

TD 2.8: H 53

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

Page 42

FEDERAL HOME LOAN BANK BOARD Washington, DC 20552

Federal Savings and Loan Insurance Corporation, financial statements, 634 FHL 12: F 31/2/968-3 Sept. 30, 1968. [1968.] [6] p. il. narrow 8° †

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

- Amortization tables for home mortgages insured under sec. 221(h) and 635 221(i) of National housing act. [1968.] 13 p. 4° (FHA 2025A.) [Issued HH 2.2: Am 6/5 with perforations.] +
- Housing help, FHA's counseling service, [1968.] [2] p. 8° folded into narrow 636 HH 2.2: H 81/9 8° † • Item 589
- [Minimum property standards for 1 and 2 living units], General revision no. 6, Aug. 1968. [1968.] [68] p. il. 4° (FHA no. 300.) [Issued in loose-HH 2.17/4: 965/rev.pages-4 leaf form.] † • Item 593
- Tables of factors for use in determining unearned charge on FHA title 1 638 property improvement loans prepaid or refinanced. Aug. 1968. cover title, [1]+30 p. il. 4° (FHA no. 1355.) [Issued with perforations.] HH22:F11 • Item 589

FEDERAL MARITIME COMMISSION Washington, DC 20573

FMC 1.9:(nos.) FMC SP (series). + 68-12. Remarks of Commissioner George H. Hearn of Federal Maritime Com-mission at 3d annual Georgia Foreign Trade Conference, Savannah, Ga.,

68-13. Rate conferences and national interests, remarks of Commissioner James
68-13. Rate conferences and national interests, remarks of Commissioner James
F. Fanseen, Federal Maritime Commission before 42d annual convention and American Merchant Marine Conference of Propeller Club of United States, St. Louis, Mo., Oct. 9, 1968. [1968.] 7 p. 4^o

FEDERAL POWER COMMISSION Washington, DC 20426

FPC S (series).

 190. Statistics of privately owned electric utilities in United States, 1967, classes A and B companies; [prepared by Office of Accounting and Finance]. Sept. 1968. [290] p. il. 4° * Paper, \$2.75. Item 440
 FP 1.21: 190 641

Informal explanation of organization and work of Federal Power Commis-642 sion, agency of Congress regulating interstate and wholesale aspects of electric power and natural gas industries. [1968.] cover title, 36 p. il. narrow 8° ([Office of Public Information.]) † • Item 436

FP 1.2: Or 3/968

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 repre-senting 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.

643		[Supersedes issue of Sept. 1967.] • Item FP 1.18: In 2/968
644	Kansas. Oct. 1968. [2]+25 p. 4°	[Supersedes issue of Sept 1967] • Item FP 1.18 : K 13/968
645	Montana. Sept. 1968. [2]+5 p. 4°	[Supersedes issue of Mar. 1967.] • Item FP 1.18: M 76/968
646	Nebraska. Oct. 1968. [2]+16 p. 4°	[Supersedes issue of July 1967.] Item FP 1.18 : N 27/968
647	Oklahoma. Oct. 1968. [2]+19 p. 4°	[Supersedes issue of Nov. 1967.] Item FP 1.18 : Ok 4/968
648	Vermont. Sept. 1968. [2]+7 p. 4° 437-A-14	[Supersedes issue of Mar. 1967.] Item FP 1.18: V 95/968
649	Power interruption, Pennsylvania June 5, 1967, report. Mar. 1968. vi L.C. card 68-61221	-New Jersey-Maryland interconnection, i+75 p. il. 4° † FP 1.2: P 38

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

GOVERNMENT PUBLICATIONS

FEDERAL RESERVE SYSTEM BOARD OF GOVERNORS Washington, DC 20551

Capital flows in U.S. balance of payments since 1965, paper presented by Andrew F. Brimmer, Member, Board of Governors of Federal Reserve System before joint luncheon at annual meetings of Southern Economic Association and Southern Finance Association, Washington, D.C., Nov. 8, 1968. 1968. [1]+18+[10] p. 4° † FR 1.23 ; B 77/33

Compound interest, remarks of Sherman J. Maisel, Board of Governors of Federal Reserve System, at Executive Savings Seminar, sponsored by American Bankers Association, Memphis, Tenn., Nov. 17, 1968. [1968.] [1]+6 p. 4° Ť FR 1 23 · M 28/14

Federal reserve discount policy in perspective, paper, presented by Andrew F. Brimmer, member, Board of Governors of Federal Reserve System, before 54th annual fall conference of Robert Morris Associates, Phil-adelphia, Pa., Oct. 28, 1968. 1968. [1]+1-11b, 12-36 p. 4° †

FR 1.23 : B 77/35

- 653 Getting most out of the banking system in the seventies, remarks of George W. Mitchell, member, Board of Governors of Federal Reserve System at annual Homecoming Seminar and Luncheon, Philadelphia, Pa., Oct. 25, 1968. 1968. [1]+14 p. 4° † FR 1.23 : M 69/49
- 654 Historical chart book, 1968. [1968.] [4]+123 p. il. oblong 8° charts that supplement monthly Federal reserve chart book.] † Paper, [Contains 60c. quantities of 10 or more in single shipment, 50c. each ; 10c additional for foreign mailing, one copy included in annual subscription to Federal reserve chart book. L.C. card 50-13379

FR 1.30/2:968

- Market structure, public convenience, and regulation of bank mergers, paper presented by Andrew F. Brimmer, Member, Board of Governors of Federal Reserve System, before 94th annual convention of American Bankers Association, Chicago, Ill., Oct. 1, 1968. 1968. [1]+21 p. 4 tab. FR 1.23 : B 77/34 656
 - Public convenience and expansion of bank credit cards, remarks by Andrew F. Brimmer, member, Board of Governors of Federal Reserve System before American Bankers Association's convention on charge and guarantee cards, Chicago, Ill., Nov. 7, 1968. [1968.] [1]+15 p. 4°

FR 1 23 : B 77/36

[Truth in lending], remarks of J. L. Robertson, Vice Chairman of Board of Governors of Federal Reserve System, before 48th annual convention of Consumer Bankers Association, Hot Springs, Va., Oct. 21, 1968. 1968. [1]+11 p. 4° + FR 1.23 : R 54/33

FEDERAL SUPPLY SERVICE, General Services Administration Washington, DC 20405

658

659 660 Federal specifications. • Item 563

Nora.—These specifications. I tell bos specifications, standards, and handbooks with cumulative monthly supplements, that listing in the Monthly Catalog of United States Government Publications re-resents unnecessary and wasteful duplication of effort. For that reason they will no

Complete information on the Index of Federal specifications will be found in the Appendix to the February 1968 issue of the Monthly Catalog under Entry number 2676 and in the April 1968 issue under Entry number 5036.

Federal standard. [Issued with perforations.]

4b, sec. 1-3. Glossary of fabric imperfections [July 29, 1964], amdt. 1. June 21, 1968. 8 p. il. 4" (FSC 8305.) † Item 563 GS 2.8/3: 4b/sec. 1-3/amdt. 1

Federal supply catalog: Stock catalog, identification list, pt. 2, FSG 65-99. Oct. 1968, cover title, xii+223 p. il. 4° [Issued with perforations, Text on p. 2-4 of cover. Paper, \$3.50 a yr. (including basic manual and cumulative National supplier change indexes); 50c. additional for foreign mailing. • Item 565-B GS 2.10/6: pt. 2/968

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

651

650

652

655

657

JANHARY 1969

FEDERAL TRADE COMMISSION Washington, DC 20580

661 1966 supplement of statutes and court decisions, Jan.-Dec. 1966; compiled by Commission. 1968. ix+420 p. [Includes material copyrighted West Publishing Co.) * Paper, \$1.75. • Item 539 L.C. card 31-26220 FT 1.13/2:966

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

- Conference in matter of pollution of interstate waters of Coosa River and 662 its tributaries, Ga.-Ala., proceedings, 2d session, Rome, Ga., Apr. 11, 1968. [1968.] cover title, 166 p. 1 pl. 4° † • Item 473-A-1 L.C. card 70-600142 I 67.2 : C 78
 - Proceedings, progress evaluation meeting in matter of pollution of Moriches Bay and eastern section of Great South Bay and their tributaries, Apr. 23, 1968, Patchogue, N.Y. [1968.] cover title, [3]+131 p. 4° † • Item 473-A-1

L.C. card 68-67212

I 67.2: M 82/968

- Selected summaries of water research. Oct. 1968. 4 p. 4° 664 (Research and Development, Cincinnati Water Research Laboratory, Cincinnati, Ohio.) I 67.12:968/2
- Water and sewer bond sales in United States, Jan.-Dec. 1967. [1968.] iii+ 665 10 p. 4° ([WP-16]; Division of Pollution Surveillance.) [Formerly Public Health Service publication 965.] † • Item 498-A I 67.10:967

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

Pesticide analytical manual; v.2, [Methods for individual pesticide resi-666 dues, revised July 1967], errata. [1968.] [181] p. il. 4° [Issued in loose-FS 13.119 : P 43/v.2/967/errata leaf form.]

FOREIGN AGRICULTURAL SERVICE, Agriculture Dept. Washington, DC 20250

[Foreign Agricultural Service miscellaneous] FAS-M (series). 201. Food and agricultural export directory, 1969 [with list of export publications]. [1968.] ii+44 p. 4° [Includes list of export publications.] †

 Item 76-G
 L.C. card 73-600191
 A 67.26:201

FOREIGN CLAIMS SETTLEMENT COMMISSION Washington, DC 20579

Foreign Claims Settlement Commission of United States, decisions and annotations. [1968.] xxvi+783 p. * Cloth, \$4.00. • Item 1063-C Y 3.F 76/3:2D 35 L.C. card 68-67416

FOREST SERVICE, Agriculture Dept. Washington, DC 20250

669 Forest atlas of Northeast [with list of literature cited]; by Howard W. Lull. 1968. cover title, [2]+46 p. il. oblong large 8° (Northeastern Forest Experiment Station, Upper Darby, Pa.) [Some illustrations are colored. Abstract cards inserted.] † L.C. card MAP 68-142

A 13.42/2: At 6

- Forest Products Laboratory list of publications on chemistry of wood 670 [1945-68]. Sept. 1968. ii+41 p. 4° † A 13.27/7: W 85/3/968
- 671 Important forest insect outbreaks in Oregon and Washington in 1968; by Robert E. Dolph and Leon F. Pettinger. Sept. 1968. 3+[2] leaves, il. 4° A 13.2: In 7/4/968 (R-6.) †

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

668

667

GOVERNMENT PUBLICATIONS

- 672 National forest system areas as of June 30, 1968. [Dec. 1968.] 20 p. il. (File 1380(5400).) † • Item 86 L.C. card 68-61759 A 13.10:968
- 673 Prospectus for proposed recreation development at Trail Peak in Invo National Forest. May 1968. cover title, 13 p. il. 4° (California region.) A 13.2: In 8/4

Research note FPL-(series). (Forest Products Laboratory, Madison, Wis.) A 13.79: FPL-(nos.)

- FPL-0124. Wood finishing, water-repellent preservatives. Aug. 1968. 7 p. il. 4°
 FPL-0180. Literature survey of Populus species with emphasis on P. tremuloides; [by Dimitri Pronin and Coleman L. Vaughan. Revised Aug. 1968. [1968.] cover title, 67+[1] p. 4° [Text on p. 2 of cover.]
 FPL-0196. Effect of restrained swelling ou wood moisture content; [by William T. Simpson and Christen Skaar.] July 1968. cover title, [5] p. 4° 674 675
- 676
- [Text on p. 2-3 of cover.] FPL-0197. Effect of transverse compressive stress on loss of wood moisture; [by William T. Simpson and Christen Skaar]. July 1968. cover title, [7] p. il. 4° [Text on p. 2 of cover.] 677
 - Research note NE-(series). (Northeastern Forest Experiment Station, Upper Darby, Pa.)
- NE-85. Birch regeneration, stochastic model; [by William B. Leak]. 1968. 7 p. † A 13.79: NE-85 678
 - Research note PNW-(series). (Pacific Northwest Forest and Range Experiment Station, Portland, Oreg.) + A 13.79 : PNW-(nos.)
- 679 680
- PNW-81. Large aspen tortriz, Choristoneura conflictana (Wlkr.); by Roy C. Beckwith. July 1968. 10 p. 11. 4°
 PNW-82. Can thinning slash cause nitrogen deficiency in pumice soils of central Oregon [with list of literature cited]; by P. H. Cochran. July 1968. cover title, 11 p. il. 4º
 - Research note PSW-(series). (Pacific Southwest Forest and Range Experiment Station, Berkeley, Calif.)
- PSW-177. Needle miner infestations in lodgepole pine east of Sierra crest; [by] George R. Struble. 1968. 2 p. il. 4° † A 13.79; PSW-177 681
 - Research note RM-(series). (Rocky Mountain Forest and Range Experiment Station, Fort Collins, Colo.)
- RM-108. Production capabilities of some Upper Rio Puerco soils of New Mexico [with list of literature cited; by] R. E. Campbell. [1968.] 7 p. 11, 4° † A 13.79 : RM-108 682
 - Research paper FPL-(series). (Forest Products Laboratory, Madison, Wis.) A 13.78: FPL-(nos.)
- 683 684
- FPL-70. Changes in wood microstructure through progressive stages of decay lwith list of literature cited; by W. Wayne Wilcox]. July 1968. ii+46 p. ii.4° [Accompanied by abstract cards.]
 FPL-86. Thermal insulation from wood for buildings, effects of moisture and its control [with selected bibliography; by Wayne C. Lewis]. July 1968. cover title, ii+42 p. ii. 4° [Revision of Forest Products Laboratory report 1740, Thermal insulation made of wood-base materials, its application and use in houses. Text on p. 2-3 of cover. Accompanied by abstract cards.] 685
- application and use in houses. Text on p. 2-3 of cover. Accompanied by abstract cards.] FPL-93. Longtime performance of trussed rafters, initial evaluation [with list of literature clted; by Thomas Lee Wilkinson]. July 1968, cover title, 12 p. 11. 4° [Text on p. 2 of cover. Accompanied by abstract cards.] FPL-95. Survey of specific gravity of 8 Maine conifers [with list of literature clted; by Harold E. Wahlgren, and others]. July 1968, cover title, 12 p. 11. 4° [Text on p. 2 of cover. Accompanied by abstract cards.] FPL-96. Properties of no. 2 dense kiln-dride southern nine dimension lumper [with 686
- p. 11. 4° [Text on p. 2 of cover. Accompanied by abstract cards.]
 FPL-96. Properties of no. 2 dense kiln-dried southern pine dimension lumber [with list of literature cited; by D. V. Doyle]. July 1968. cover title, 24 p. 11. 4° [Text on p. 2 of cover. Accompanied by abstract cards.]
 FPL-98. House foundation of treated wood after 30 years' service; [by B. A. Bendtsen and W. E. Eslyn]. Aug. 1968. cover title, 12 p. 11. 4° [Text on p. 2 of cover. Accompanied by abstract cards.]
 FPL-99. Trends of fibril angle variation in white ash; [by] Charlotte H. Hiller. Sept. 1968. cover. Accompanied by abstract cards.] 687 688
- 689
 - by abstract cards.]
 - Research paper INT-(series). (Intermountain Forest and Range Experiment Station, Ogden, Utah.)
 - INT-47. Method for constructing site index curves from measurements of tree are and height, its application to inland Douglas-fir [with list of literature cited]; by James E. Brickell. [1968.] iii+23+[3] p. il. 4* † A 13.78: INT-47
- Page 46

690

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

	Research paper PNW-(series). (Pacific Northwest Forest and Range Ex- periment Station, Portland, Oreg.) † A 13.78: PNW-(nos.)
691	PNW-62. Seasonal height growth of upperslope conifers [with list of literature official but Carroll B Williams, 1968, cover title, 7+[1] p. il. 4°
692	 PNW-62. Seasonal height growth of upperslope conifers [with list of literature cited; by] Carroll B. Williams. 1968. cover title, 7+[1] p. 11. 4° PNW-63. Investigations of shingle tow packing material for conifer seedlings [with list of literature cited; by] Kenneth W. Krueger. 1968. cover title, 10+[1] p. 11. 4°
693	PNW-66. Planning single-span skylines; [by] Virgil W. Binkley [and] Hilton H. Lysons, 1968. cover title, [1]+10+[1] p. il. 4°
	Research paper RM-(series). (Rocky Mountain Forest and Range Experi- ment Station Et Collins Colo) + A 13.78; RM-(nos.)
694	RM-38. Periodic growth of pole-sized ponderosa pine as related to thinning and selected environmental factors [with list of literature cited]; by James
695	 ment station, Pt. common of pole-sized ponderosa pine as related to thinning and selected environmental factors [with list of literature cited]; by James L. Van Deusen, 1968. [2]+12+[1] p. ll. 4° RM-39. Great basin tent caterpillar in New Mexico, life history, parasites, disease, and defoliation [with list of literature cited]; by Milton J. Stelzer, 1968. [2]+16+[1] p. ll. 4° RM-41. Flora and vegetation of Sterra Ancha Experimental Forest, Ariz. [with list of literature cited]; by Charles P. Pase and R. Roy Johnson, 1968. [3] p. ll. 4°
696	RM-41. Flora and vegetation of Slerra Ancha Experimental Forest, Ariz. [with list of literature cited]; by Charles P. Pase and R. Roy Johnson. 1968.
697	19 p. il. 4° RM-42. Simulating the management of even-aged timber stands [with list of literature cited]; by Clifford A. Myers. 1968. [2]+32+[1] p. 4° [II-
698	 19 p. il. 4° RM-42. Simulating the management of even-aged timber stands [with list of literature cited]; by Clifford A. Myers. 1968. [2]+32+[1] p. 4° [II-lustrations on p. 1 and 4 of cover.] RM-43. Rapid computation of yield tables for managed, even-aged timber stands [with list of literature cited]; by Clifford A. Myers and Gary L. Godsey. 1968. [2]+16+[1] p. 4°
	Research paper SO-(series). (Southern Forest Experiment Station, New
699	SO-34. Wood machining abstracts, 1966 and 1967 [with bibliographies; by] Peter Koch. 1968. ii+38 p. 4° [Abstract cards inserted.] † A 13.78: SO-34
	Resource bulletin NE-(series). (Northeastern Forest Experiment Station, Upper Darby, Pa.)
700	 Upper Darby, f.a.) NE-12. Timber resources of Vermont; [by Neal P. Kingsley and Joseph E. Barnard]. 1968. cover title, [2]+117 p. il. [Text on p. 2 of cover. Abstract cards inserted. One illustration is colored.] †
	Resource bulletin SO-(series). (Southern Forest Experiment Station,
701	New Orleans, La.) SO-14. East Oklahoma forests; [by] Herbert S. Sternitzke and Charles C. Van Sickle. 1968. iv+32 p. il. 4° [Text on p. 2 of cover.] † A 13.80: SO-14
702	Woody trees and shrubs of Cape Perpetua Area, Siuslaw National Forest. [1968.] [8] p. il. 12° † A 13.13: Si 9/2
	GENERAL ACCOUNTING OFFICE Washington, DC 20548
703	Report to Congress: Audit of Federal Deposit Insurance Corporation, year ended June 30, 1967; by Comptroller General of United States. Oct. 8, 1968. cover title, [5]+25 p. 4° (B-114831.) [Limited by agency restric- tion on access to bank examination records.] † Paper, \$1.00. GA 1.13: F 31/8/967
704	Cost reductions obtainable by improving management of maintenance of commercial vehicles, Department of Defense; by Comptroller General of United States. Dec. 3, 1968. cover title, [5]+45 p. 4° (B-133244.)
	† Paper, \$1.00. L.C. card 70-600177 GA 1.13: V 53/13
705	—— Differences in allowing corporate expenses as charges to government contracts at government-owned, contractor-operator plants, Department of Defense, Atomic Energy Commission, National Aeronautics and Space Administration; by Comptroller General of United States. Nov. 14, 1968. cover title, [7]+28 p. 4° (B-124125.) † Paper, \$1.00. L. C. card 68-67289 GA 1.13: C 76/24
	L.C. card 68–67289 GA 1.13 : C 76/24

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

706 Report to Congress: Difficulties encountered in arranging air support services for United States contractors in Vietnam; by Comptroller General of United States. Nov. 14, 1968. cover title, [5]+29 p. 4° (B-159451.) † Paper, \$1.00. L.C. card 68-67377

GA 1.13 : V 67/6

- Examination of financial statements, fiscal year 1967, Federal Housing Administration, Department of Housing and Urban Development; by Comptroller General of United States. Nov. 29, 1968. [7]+37 p. 4° (B-114860.) † Paper, \$1.00. GA 1.13 : F 31/17/967
- 708 - Examination of financial statements, Government Printing Office, fiscal year 1967; by Comptroller General of United States. Nov. 1, 1968. cover title, [7]+27 p. 4° † Φ Paper, \$1.00. GA 1.13: G 74/967 709
 - Examination of financial statements of Federal Home Loan Bank Board, year ended Dec. 31, 1967; by Comptroller General of United States. Oct. 31, 1968. cover title, [5]+21 p. 4° Φ Paper, \$1.00.

GA 1.13 : F 31/3/967

710 Improvements needed in contracting for on-the-job training under Manpower development and training act of 1962, Department of Labor; by Comptroller General of United States. Nov. 26, 1968. cover title, [7] +68 p. 4° (B-146879.) † Paper, \$1.00. L.C. card 70-600004

GA 1.13 : T 68/15

- Increased costs to Government attributed to leasing rather than purchasing land and buildings by Department of Defense contractors; 711 by Comptroller General of United States. Oct. 23, 1968. cover title, [5] +32 p. 4° (B-156818.) † Paper, \$1.00. L.C. card 76-600094

GA 1.13 : L 22/5

- 712 Need for more competition in procurement of aeronautical spare parts, Department of Defense; by Comptroller General of United States. June 25, 1968. cover title, [4] leaves+76 p. 4° (B-133396.) † Paper, \$1.00. L.C. card 68-61886 GA 1.13: Ae 8/15
- 713 -Need to improve management of ammunition research and development at Pleatinny Arsenal, Dover, N.J. Department of Army; by Comp-troller General of United States. Nov. 27, 1968. cover title, [7]+36 p. 4° (B-157535.) † Paper, \$1.00. L.C. card 77-600003

GA 1 13 : Am 6/12

714 -Need to improve management of detailing of civilians employed at military installations, Department of Defense. Nov. 15, 1968. cover title, [7]+35 p. 4° (B-160879.) † Paper, \$1.00. L.C. card 72-600093

GA 1.13: M 59/21

- 715 - Need to improve procedures for reporting individuals as rehabilitated under vocational rehabilitation program, Department of Health, Education, and Welfare; by Comptroller General of United States [Nov. 26,
 Inon, and Weitarte, by compared with the second s
- Need to improve procurement procedures for outfitting vessels activated for use in southeast Asia, Maritime Administration, Department of Commerce; by Comptroller General of United States. Nov. 4, 1968. 716 cover title, [5]+32 p. 4° (B-118779.) † Paper, \$1.00. L.C. card 68-67151 GA 1.13 : V 63/4
- 717 - Negotiation of contracts for water from Central Valley project, Bureau of Reclamation, Department of Interior; by Comptroller General of United States. Oct. 18, 1968. cover title, [5]+29 p. il. 4° (B-125045.) † Paper, \$1.00.

L.C. card 68-67152 718

GA 1 13 : W 29/5

Opportunity for economies in counseling services provided under Children's educational assistance program, Veterans Administration ; by Comptroller General of United States. Nov. 15, 1968. cover title, [5] +27p. 4° † Paper, \$1.00. L.C. card 68-67290

GA 1.13 : C 83/2

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

Page 48

- 719 - Problem areas in implementing amendatory legislation affecting railroad retirement annuities, Railroad Retirement Board; by Comptroller General of United States. Nov. 29, 1968. cover title, [7]+33 p. 4° † Paper, \$1.00. (B114817.) L.C. card 76-600000 GA 1.13: R 13/6
- 720 Procurement of certain products from private industry by Atomic Energy Commission; by Comptroller General of United States. Oct. 22, 1968. cover title, [7]+75 p. il. 4° (B-164105.) † Paper, \$1.00. L.C. card 68-67153 GA 1.13: At 7/4
- Review of payroll activities, Architect of Capitol; by Comptroller 721 General of United States. Nov. 27, 1968. cover title, [5]+11 p. 4° (B-161145.) † Paper, \$1.00. GA 1.13: Ar 2/4
- Review of procedures and practices for control of materials under 722 Apollo program, National Aeronautics and Space Administration; by Comptroller General of United States. Nov. 8, 1968. cover title, [5]+35 p. 4° (B-158390.) † Paper, \$1.00. L.C. card 77-600133

GA 1.13: Ap 4

Savings attainable by preventing condemnation of economically re-793 pairable equipment, Department of Air Force; by Comptroller General of United States. Oct. 23, 1968. cover title, [5]+25 p. il. 4° (B-146874.) † Paper, \$1.00.

L.C. card 68-67145

GA 1.13: R 29/12

- 724 - Savings available in Federal share of cost of demolishing buildings, Department of Housing and Urban Development; by Comptroller General of United States. Nov. 12, 1968. cover title, [5]+25 p. 4° $(\mathbf{B} -$ 118754.) † Paper, \$1.00. L.C. card 68-67232 GA 1.13 : D 39
- 725 United States General Accounting Office needs graduates in business administration. [1968.] cover title, 24 p. il. [Includes an insert, Current entrance level salaries and related benefits (business administration majors), 1 p. 16° Text on p. 2 of cover.] † • Item 545 GA 1.2: B 96

GENERAL SERVICES ADMINISTRATION Washington, DC 20405

726 Federal Fire Council slide library. Aug. 1968. 4 p. 4° (Federal Fire Council.) † GS 1.14/5: SI 3

GEOLOGICAL SURVEY, Interior Dept. Washington, DC 20405

727 Activities of Water Resources Division, California district in 1968 fiscal year. Menlo Park, Calif., 1968. ii+[34] p. 4° (Water Resources Division.) - + L.C. card 67-60253

I 19.55: 969 I 19.3:(nos.)

- 119.3:(nos.)
 1156-C. Hydrology of Brookhaven National Laboratory and vicinity, Suffolk County, N.Y. [with list of references cited]; by M. A. Warren, Wallace de Laguna, and N. J. Lusczynski. 1968. vil+127+[3] p. il. 10 pl. in pocket [Concerns work done on behalf of Atomic Energy Commission. Studies of sites for nuclear energy facilities, Brookhaven National Laboratory.] * Paper, \$2.25
 1252-A. Geology of part of Alder Creek mining district, Custer County, Idaho [with list of references cited]; by W. H. Nelson and C. P. Ross. 1968. ili+30 p. il. 1 pl. in pocket. [Discusses relationship between ore deposits and intrusive and metamorphic rocks of Alder Creek mining district. Contributions to economic geology. Plate is colored.] * Paper, \$1.00. Item 620
 - \$1.00. ● Item 620
 - 1252-B. Evaporite geology of Fifth ore zone, Carlsbad district, southeastern New Mexico [with list of references cited]; by Charles L. Jones and Beth M. Madsen. 1968. ili+21 p. il. 3 pl. in pocket. [Study of complex evaporite stratigraphy and potash occurrences. Contributions to economic geology. One plate is colored.] * Paper, \$1.00 Item 620

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

Page 49

728

Bulletins.

729

GOVERNMENT PUBLICATIONS

	BulletinsContinued
731	1252-E. Reconnaissance geology, geophysics, and geochemistry of southeastern part of Lewis and Clark Range, Montana [with list of references cited]; by Melvile R. Mudge, Ralph L. Erickson, and Dean Kleinkonf. 1968, iii+.35 p. ii. 4 pl. in pocket. [Study identifying weak lead-zinc mineralized belt, 30 miles long, that is stratigraphically and struc- turally controlled. Contributions to economic geology. Three plates are colored 1 * Paper \$1.25 true \$20
732	1255. Geology of Tierra Redonda Mountain and Bradely quadrangles, Monterey and San Luis Obispo Counties, Calif. [with list of references]; by David L. Durham. 1908. iv+60 p. il. 3pl. in pocket. [Study of stratigraphy and structure of Cenozoic sedimentary rocks in part of Salinas Valley. Plates are colored.] * Paper, \$2.00. Item 620 L.C. card G8 68-343
733	1261-C. Mineral resources of Uncompany primitive area, Colo, [with list of references cited]; by R. P. Fischer [and others]. 1968, vii+91 p. ll. 3 pl. in pocket. [Evaluation of mineral notential of area Studies re-
734	lated to wilderness-primitive areas.] * Paper, \$1.75. • Item 620 1271-A. Middle Miocene foraminifera and stratigraphic relations in Adelaida quadrangle, San Luis Obispo County, Calif. [with list of references cited]; by Patsy B. Smith and David L. Durham. 1968. iii+14 p. il. [Foraminifera and rocks near type areas of Relizian and Luisian Stages are described and their age and environments inferred. Con- tributions to general geology.] * Paper, 20c. • Item 620
735	1272-B. Geology of magnesite deposits in northern Okanogan County, Wash. pre- liminary report [with list of references cited]: by Kenneth F. Fox, jr., and C. Dean Rinehart. 1968. iii+15 p. 1 pl. in pocket. [Prepared in cooperation with Washington Division of Mines and Geology. Study of magnesite-bearing rock that crops out as irregularly shaped lenses, 50 by 1,000 feet in maximum dimension, within narrow stratigraphic zone at base of Triassic (?) sequence at its contact with Permian rock. Contributions to economic geology.] * Paper, 60c. Item 620
	Circulars. † I 19.4/2:(nos.)
736	571. Index of surface-water records to Sept. 30, 1967; pt. 1. North Atlantic slope basins; by B. A. Anderson and C. B. Ham. 1968. [2]+87 p. il. 4° [Supersedes Circular 501.] L.C. card GS 52-128
737	574. Index of surface-water records to Sept. 30, 1967; pt. 4, St. Lawrence River basin; by B. A. Anderson and C. B. Ham. 1968. [2]+39 p. il. 4° [Super- sedes Circular 504.] ● Item 620-A L.C. card GS 52-128
738	 597. Distribution of beryllium, tin, and tungsten in Lake George area, Colo. [with list of references]; by C. C. Hawley and W. R. Griffitts, 1968. iil+18 p. il. 4° ● Item 620-A L.C. card GS 68-332
739	599. Determination of gold in geologic materials by neutron-activation analysis using fire assay for radio-chemical separations [with list of references cited]; by J. J. Rowe and F. O. Simon. 1968. iii+4 p. 4° ● Item 620-A L.C. card GS 68-331
740	600. Geochemical evidence for possible concealed mineral deposits near Monticello Box. northern Slerra Cuchillo, Socorro County. N. Mex. [with list of references cited]: by Wallace R. Griffitts and Henry V. Alminas. 1968. iii+13 p. 11. 4° ● Item 620-A
741	603. Gold in meteorites and in earth's crust [with list of references cited]: by Robert S. Jones. 1968. iii+4 p. 4° ● Item 620-A L.C. eard GS 68-336
742	604. Distribution of gold, copper and some other metals in McCarthy B-4 and B-5 quadrangles, Alaska [with list of references cited]; by E. M. Mac- Kevet, jr. and James G. Smith. 1968. iii + 25 p. il. 4°
743	606. Anomalous concentrations of gold, sllver, and other metals in Mill Canyon area, Cortez quadrangle, Eureka and Lander Counties, Nev. [with list of references cited]: by James E. Elliott and John D. Wells. 1968. iii+20 p. ll. 4° ● Item 620-A L.C. card GS 68-334
744	Pacific Northwest water resources summary, annual summary, water year 1968. [1968.] 24 p. il. 4° [Prepared in collaboration with Water Survey of Canada. Issued with perforations.] † L.C. card 62-4280 [1946.968
745	 Professional papers. • Item 624 I 19.16:(nos.) 341-H. Geology and mineral resources of Barao de Cocais area, Minas Gerias, Brazil [with list of references]; by George C. Simmons. 1968, iv-46 p. ii. 4 pl. in pocket, 4° [Study of precambrian rocks and associated mineral deposits in Brazilian shield. Prepared in cooperation with Departmento Nacional da Producao Mineral of Brazil under auspices of Agency for International Development of United States Department of State. Geology and mineral resources of parts of Minas Gerais, Brazil. 2 pl. are colored.] * Paper, \$2.00.
Page	*For Sale by Superintendent of Documents †Distribution Made by Issuing Office 50 ‡Official Use. Not Available

746

- 516-E. Geophysical study in Grand Teton National Park and vicinity, Teton County, Wyoming [with list of references cited]; by John C. Behrendt I and others] 1968, iii + 23 p. ll. 1 pl. in pocket. 4° [Seismic refraction, gravity, and aeromagnetic studies provide new data on structural geology of famous area. Geophysical field investigations. Plate is colored.] There, \$1.25.
 576-A. Stratigraphy of Slick Rock district and vicinity, San Miguel and Dolores Counties, Colo. [with list of references]; by Daniel R. Shawe, George C. Simmons, and Norbert L. Archbold. 1968. v + 108 p. il. and portfolio of 17 pl. 4° [Prepared on behalf of Atomic Energy Commission. Study of about 13,000 feet of strata of Paleozole and Mesozole age underlying the district forms the background for understanding origin of uranium-vanalium deposits. Geological Investigations in Slick Rock district, San Miguel and Dolores Counties, Colo. Some plates are colored.] Paper, \$5.76.
 586. Geology of Hot Sulphur Springs quadrangle, Grand County, Colorado [with list of references cited]; by Glen A. Izett. 1968, iv+79 p. ii, 1 pl. in pocket. 4° [General geology of part of Middle Park, Colo., with list of references cited]; by Glen A. Izett. 1968, iv+79 p. ii, 1 pl. in pocket. 4° [General geology of part of Middle Park, Colo., with
- pocket. 4° [General geology of part of Middle Park, Colo., with emphasis on Troublesome Formation of Miocene age. Plate is colored.]
 * Paper, \$1.50.
 LC. and GC 68-234
 594-J. Geology of Mockingbird Gap Quadrangle, Lincoln and Socorro Counties, N. Mex. [with list of references cited]; by George O. Bachman. 1968. iii+43 p. ii. 3 pl. in pocket, 4° [Summary of stratigraphy, geologic structures, and northern part of San Andres Mountains. Shorter contributions to general geology. One plate is colored.] * Paper, \$1.25.
 596. Catastrophic late Pleistocene Bonneville Flood in Snake River Plain, Idaho [with list of references dited]; by Harold E. Malde. 1968. iv+52 p. ii. 4° [Study of colossal features of erosion and deposition produced along Snake River by sudden overflow of Lake Bonneville] * Paper, 70c. L. C. and GS 68-330
 610. Principal gold-producing districts of United States [with selected bibliography]; by A. H. Koschmann and M. H. Bergendahl. 1968. v+283 p. [Description of geology, mining history, and production of major goldmining districts in 21 States.] * Cloth, \$4.75. L. C. and GS 68-341
 660-D. Geological Survey research 1968, chap. D [short papers, with lists of references], 1068. v+269 p. ii. 4° [Scientific notes and summaries of investigations in geology, hydrology, and related fields.] * Paper, \$3.25. L. C. ard 68-46150
- - L.C. card 68-46150

Techniques of water-resources investigations : Book 8, Instrumentation.

chap. B2. Calibration and maintenance of vertical-axis type current meters [with list of selected references]; by George F. Smoot and Charles E. Novak. [1968.] vi+15 p. H. 4° [Issued with perforations.] * Paper, 40c. Item 624-A I 19.15/5; bk.8/chap.B 2

- Water resources data for Michigan 1966: pt. 2, Water quality records [with list of references]. 1968. iv+72 p. il. 4° (Water Resources Division.) 754 [Prepared in cooperation with State of Michigan and other agencies.] District Chief, Water Resources Division, U.S. Geological Survey, 700 Capitol Savings and Loan Building, Lansing, MI 48933 I 19.53/2 : M 58/966/pt.2
 - L.C. card 68-61252 Water resources data for Minnesota: pt. 1, Surface water records, pt. 2, Water quality records [with list of references]. [1967.] cover title, vii +220 p. il. 4° ([Water Resources Division.]) [Prepared in cooperation with Minnesota Department of Conservation, Division of Waters, Minnesota Department of Highways, and with other State, municipal, and Federal agencies.] † District Chief, Water Resoruces Division, U.S. Geological Survey, 1002 Post Office Building, St. Poul, MN. 55101

I 19 532 . M 66/966/pt.1,2

L.C. card 71-600188 Water-supply paper.

1857. Water resources of Grant and Hot Spring Counties, Ark. [with list of references]; by H. N. Halberg, C. T. Bryant, and M. S. Hines. 1968. v+64 p. il. [Prepared in cooperation with Arkansas Geological Commission.] Issued in portfolio with 6 pl. Some plates are colored.] * Paper, \$4.25.
 Item 625
 L.C. card GS 68-231

HEALTH, EDUCATION, AND WELFARE DEPARTMENT Washington, DC 20201

Benefits for handicapped dependents of members of uniformed services. 757 May 1968. [7] p. [Joint publication of Defense Department and Depart-FS 1.2: H 19/3 ment of Health, Education, and Welfare.]

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

329-557-69----5

Page 51

747

748

749

751

752

- 758 Directory of State merit systems. Oct. 1968. v+31 p. (Office of State Merit † • Item 445
- FS 1.2: M 54/968 759 Family planning, nationwide opportunities for action. [1968.] cover title, 40 p. il. oblong 12° [Text on p. 2 of cover.] * Paper, 45c. • Item 445 L.C. card HEW 68-130 FS 1.2 : F 21/2/968
- 760 Field directory, 20th edition, June 1968, iv+60 p. il. 4° Coordination.) [Current as of Apr. 1968, revised to reflect changes (Office of Field between Apr.-June, 1968. Text on p. 2 of cover. Issued with perforations.] • Item 444-D L.C. card 53-61399

FS 1.17:968

- 761 Parents as partners in department programs for children and youth, report to Secretary of Department of Health, Education, and Welfare by Task Force on Parent Participation. Aug. 1968. xi+59 p. 4° † • Item 445-A L.C. card HEW 68-132 FS 1.6/3 : P 21 762
 - State salary ranges, selected classes [of positions] in employment security, public welfare, public health, mental health, vocational rehabilitation, civil defense. July 1, 1968, cover title, [1]+vi+44 p. 4° (Office of State Merit Systems.) † FS 1.22:968

HOUSING AND URBAN DEVELOPMENT DEPARTMENT Washington, DC 20410

- 763 Address by Don Hummel, Assistant Secretary for Renewal and Housing Assistance, Department of Housing and Urban Development, at dedication of Marshall N. White Community Center, Ogden, Utah, Oct. 18, 1968. 1968. [1]+8 leaves, 4° + HH 1.7: HH 8/8
 - Can public housing turn the corner? remarks by A. E. Rosfeld, Acting Deputy Assistant Secretary for Renewal and Housing Assistance, at Housing Workshop, National Association of Housing and Redevelopment Officials, Atlanta, Ga., Nov. 7, 1968. 1968. [1]+14 p. 4° † HH 1.7: R 73
- Community development corporations, remarks by H. Ralph Taylor, Assistant Secretary for Model Cities and Government Relations, Department of Housing and Urban Development, Urban America National Conference on Nonprofit Housing and Community Development Corporations, Washington, D.C., Oct. 14, 1968. 1968. [1]+9 p. 4° + HH 17: T 21/10 766
 - Engineer's role in socio-economic development of cities, speech by Don Hummel. Assistant Secretary, Renewal and Housing Assistance, Department of Housing and Urban Development, Phoenix Chapter, Arizona National Society of Professional Engineers, Phoenix, Ariz., Oct. 10, 1968. HH 1.7: H 88/10
- 767 1968 housing and urban development act, remarks by P. N. Brownstein, Assistant Secretary, Commissioner, Department of Housing and Urban Development, National Association of Real Estate Brokers, New Orleans, La., Aug. 12, 1968. 1968. 8 leaves, 4° * HH 1.7: B 82
- Housing cooperatives, mandate for progress, address by Robert C. Weaver, Secretary, Department of Housing and Urban Development, National Cooperative Month Celebration, Rochdale Village, Jamaica, N.Y., Oct. 26, 1968. 1968. [1]+10 leaves. 4° † HH 1.7: W 37/36
- Housing for the elderly, community improvement in Wilmerding, address by Marie C. McGuire, Assistant for Problems of the Elderly and the Handicapped, Department of Housing and Urban Development, at dedication of Wilmerding Apartments, Allegheny County Housing Authority, Wilmerding, Pa., Oct. 21, 1968. 1968. [1]+7 leaves, 4°

770 771	Item 582-E HH 1.7: M 17/10 Mortgagees' guide assistance payments under sec. 235 and in- terest reduction payments under sec. 236. Oct. 1968. cover title, [73] p. 4° Technical assistance bulletin no. 3, subject : Citizen participation in model cities. Dec. 1968. [2]+1+27 p. 4°
	G-1 1 G

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

764

765

768

769

HH 1.6/6:(letters-nos.)

FHA 4441.1. Homeownership for lower income families. (sec. 235). Oct. 1968. cover title, [71] p. ll. 4° [Issued with perforations.] †
FHA 4442.1. Rental housing for lower income families (sec. 236). Oct. 1968. cover title, [85] p. 4° [Issued with perforations.] † 772 773

774

IIIe, [85] p. 4° [Issued with perforations.] †
 RHA 7100.1. Workable program for community improvement. Oct. 1968. cover title, [37] p. 4° [Issued with perforations.] †
 RHA 7203.1. Urban renewa] handbook transmittal [Oct. 15, 1968.] [4] p. 4° [Issued with perforations. Includes transmittal notice 6.] * Paper, \$14.00 (including basic manual and supplementary material for indefinite period); \$4.00 additional for foreign mailing.
 RHA 7214.1. Urban renewal bandbook transmittal [Oct. 15, 1968.] [4] p. 4°

[4] p. 4 [4] p. 7.] RHA 7214.1. Urban renewal handbook transmittal. [Oct. 15, 1968.] Issued with perforations. Includes transmittal notice 7.] Paper, \$14.00 (including basic manual and supplementary ma-terial for indefinite period); \$4.00 additional for foreign mailing.

RHA 7214.1. Urban renewal handbook transmittal. [Oct. 28, 1968.] [1]+2 p. [Issued with perforations, Includes Transmittal notice 10.] * Paper, \$14.00 (including basic manual and supplementary material for indefinite period); \$4.00 additional for foreign mailing.

Impact of model cities program on construction safety, remarks by John E. 778 Evans, Special Assistant to Secretary for Labor Relations, Department of Housing and Urban Development, Chicago, Ill., Oct. 29, 1968. 1968. 10 HH 1.7: Ev 1 leaves, 4°

MP-(series).

777

HUD handbooks. • Item 582-E

- 73. Looking back, and ahead; [by] Robert C. Weaver. [Dec. 1968.] cover title, 12 HH 1.28:73 779 ● Item 582-H p. †
- New horizons in local government, address by Don Hummel, Assistant 780 Secretary for Renewal and Housing Assistance, Department of Housing and Urban Development [to] Alaska Municipal League, Anchorage, Alaska, Oct. 25, 1968. 1968. [1]+12 p. 4° HH 1.7: H 88/9
- New opportunities for mortgage banker, address by Robert C. Weaver, 781 Secretary of Housing and Urban Development, annual convention, Mortgage Bankers Association of America, Chicago, Ill., Oct. 21, 1968. 1968. HH 1.7: W 37/35 [1]+11 leaves, 4° †
- Status of housing for the elderly, address by Marie C. McGuire, Assistant 782 for Problems of the Elderly and Handicapped, Department of Housing and Urban Development, 21st annual meeting of Gerontological Society Symposium, Adequacy of programs, planning and evaluation for meeting needs of the elderly, Oct. 31, 1968, Denver, Colo. 1968. [1]+15 p. 4° HH 1.7: M 17/11
- Toward an urban land policy, remarks by Arthur A. Davis, Deputy Assist-783 ant Secretary for Metropolitan Development, Department of Housing and Urban Development at American Institute of Planners 1968 Conference, Pittsburgh, Pa., Oct. Oct. 12, 1968. 1968. [1]+14 p. 4° † HH 1.7: D 29
- Toward national policy for planning the environment, remarks by Charles 784 M. Haar, Assistant Secretary for Metropolitan Development, Department of Housing and Urban Development at American Institute of Planners 1968 Conference, Pittsburgh, Pa., Oct. 12, 1968. 1968. [1]+13 leaves, 4° HH 1.7: H 11/3

TS (series).

- 28. Life safety from fire, guide for housing the elderly; by Raymond D. Caravaty, David S. Haviland. [1968.] [1]+90 p. il. oblong 8° ([Report prepared by Center for Architectural Research, Renselar Polytechnic Institute, Troy, N.Y. for Architectural Standards Division, Federal Housing Administra-tion.]) * Paper, \$1.00. • Item 593-C HH 1.31:28 785
- Urban water, a HUD concern, speech by Charles M. Haar, Assistant Sec-786 retary for Metropolitan Development, Department of Housing and Urban Development to American Public Works Association, Miami Beach, Fla., HH 1.7: H 11/4 Oct. 22, 1968. 1968. [1]+8 p. 4° t

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

GOVERNMENT PUBLICATIONS

IMMIGRATION AND NATURALIZATION SERVICE, Justice Dept. Washington, DC 20536

Practical Spanish grammar for border patrol officers; [by John G. Friar 787 and George W. Kelly]. [Revised 1968.] vi+225 p. (M-73, rev. 1968.) * Paper, \$1.25. • Item 725 L.C. card 71-600110

J 21.2 : Sp 2/968

Report of passenger travel between United States and foreign countries [fiscal year] 1968. [1968.] 6 leaves oblong 8° † Paper, \$2.00 per set (Annual and semiannual report). J 21.13:968

INDIAN AFFAIRS BUREAU, Interior Dept. Washington, DC 20240

789

788

Indians of New Mexico. [1968.] cover title, 20 p. il. oblong 24° * Paper, 20c. • Item 627-A L.C. card 66-62392

I 20.51 : N 42 m/968

INFORMATION OFFICE, Agriculture Dept. Washington, DC 20250

List.

Popular publications for farmer, suburbanite, homemaker, consumer. [Revised Oct. 1968.] [1968.] iv+20 p. narrow 8° † Item 91 L.C. card 59-22775
 A 21.9/8: 5/19

INTERDEPARTMENTAL COMMITTEE ON STATUS OF WOMEN

791

790

Report of task force on family law and policy to Citizens' Advisory Council on Status of Women, Apr. 1968. [1968.] [2]+v+69 p. 4° † Citizens' Advisory Council on Status of Women, Department of Labor, Room 2131, Washington, DC 20210 • Item 1067-I L.C. card 68-62851

Y 3.In 8/21:2 F 21

792 Report of task force on labor standards to Citizens' Advisory Council on Status of Women, Apr. 1968. [1968.] vi+58 p. 4° [Title on cover is: American women 1968, Citizens' Advisory Council on Status of Women, report of Task Force on Labor Standards.] † Citizens' Advisory Council on Status of Women, Department of Labor, Room 2131, Washington, DC 20210. • Item 1067-I L.C. card 68-62952

Y 3.In 8/21:2 L 11

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.

- 793 Address of Onnie P. Lattu, Director, Office of Oil and Gas, Department of Interior, to Producers Section, Independent Natural Gas Association of America, Hollywood-by-the-Sea, Fla., Oct. 28, 1968. 1968. 8+[1] leaves. 4º † I 1.68: L 35
- 794 Decisions of United States Department of Interior, Jan.-Dec. 1967; edited by Vera E. Burgin, Mildred B. Harper. 1968, v. 74, lxix+463 p. * Cloth, \$3.50. • Item 602 L.C. card 7-23651

I 1.69:74

Desalting plants inventory report no. 1: Inventory of world-wide land based desalting plants in operation and under construction capable of producing 25,000 gallons or more of fresh water daily, and projections of future desalting development; by Milton S. Sachs. Jan. 1, 1968. [2]+25 p. il. 4° * Paper, 35c. • Item 604-A-2 I187/4:1

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

	[Saline water] research and development progress report. (Office of Saline Water.) \bullet Item 604-A-1 I 1.88:(nos.)
796	358. Studies of micellar formation by naturally occurring lipids and properties of reconstituted lipid membranes [with list of references]; by Robert Katzman, Albert Einstein College of Medicine, Yeshiva University, Bronx, N.Y. Oct. 1968. [2]+67 p. il. 4° (Grant 14-01-0001-1277.) * Paper, 45c.
797	 Bevelopment of analytical model of finsh stage Feb. 1, 1967-Jan. 31, 1968, pt. 1 [with list of references]; by Churles H. Coogan [and others], School of Engineering, University of Connecticut, Storrs, Conn. July 1968. [2]+69 p. il. 4° (Contracts 14-01-0001-1240.) * Paper, 45c.
798	365. Secondary refrigerant freezing process, mathematical study; by John C. Orcutt, Forest O. Mixon and Francis J. Hale, Research Triangle Institute, Research Triangle Park, N.C. July 1968, vii+158 p. il. 4° (Contract 14-01-0001-960 amdt 1) * Paper SI 25.
799	 370. Hydrates reaction kinetics and ice crystal growth rates [with list of literature cited]; by Allen J. Barduhn [and others], Syracuse University, Syracuse, N.Y. Nov. 1968. [3]+75 p. il. 4° (Grant 14-01-0001-1455.) * Paper 70c
800	371. Solvent stability and recovery in solvent extraction desalination [with list of literature cited]; by R. R. Davison, W. H. Smith, Texas A&M University, College Station, Tex. Aug. 1968. [1]+iv+64 p. il. 4° (Contract 14-01-0001-1180.) * Paper, 65c.
801	373. Development of propane hydrate desalting process [with list of references], by V. C. Williams, C. L. Roy, H. Smith, jr., and O. B. Battle. Aug. 1968. [5]+1i+103 p. il. 4° (Contract 14-01-0001-341, 14-01-0001-1238.)
802	375. Hydrodynamic theory of desalination by electrodialysis [with list of references]; by Ain A. Sonin and Ronald F. Probstein, Massachusetts Institute of Technology, Cambridge, Mass. Dec. 1968. ii+60 p. il. 4° (Grant 14-01-0001-1721.) * Paper, 60c.
803	376. Desalting of seawater by freezing [with list of references]; by H. F. Wei- grandt P. Harrlott, and J. P. Lehroth, jr., Cornell University, Ithaca, N.Y. Dec. 1968. viii+43 p. il. 4° (Grant 14-01-0001-1141.) Paper, 50c
804	378. Development of reverse osmosis desalination memberanes; by S. Manjikilar and C. Allen, Universal Water Corporation, Del Mar, Calif. Dec. 1968 r 162-111 ni 49 (Contract 14-01-0001-1326.) * Paper, 65c.
805	381. Soil sealing chemicals and techniques, July 1967–June, 1968; by J. J. Mannion and D. J. Porter, Diamond Shanirock Corporation, T. R. Evans Research Center, Painesville, Ohio. [1968.] iii+31 p. il. 4° (Contrac
806	 383. Properties of water and aqueous solutions at high pressures and tempera tures [with list of references cited]; by C. Wayne Burnham and H. L Barnes, Pennsylvania State University, University Park, Pa. [1968.] [61 II. 4° (Grant 14-01-0001-408.) * Paper, 60c.
807	Telephone directory, Department of Interior fall 1968. [1968.] cover title ii+92 p. 4° [Text on p. 2 of cover.] * Paper, \$1.00. I 1.86: 968-2

INTERNAL REVENUE SERVICE, Treasury Dept. Washington, DC 20224

Internal revenue bulletin, cumulative bulletin 1968-1, Jan.-June 1968. 808 [1968.] xxiii+895 p. [Semiannual. Includes revenue rulings 68-1 to 68-344, also revenue procedures 68-1 to 68-23.] * Cloth, \$5.25. • Item 960

L.C. card 22-27420

T 22.25: 968-1

Law and regulations relating to employee pension, annuity, profit-sharing, 809 stock bonus, and bond purchase plans, including plans for self-employed individuals. [1968.] cover title, ii+174 p. (Publication 337 (rev. 7-68).) [Text on p. 2 of cover.] * Paper, 70c. ● Item 961 T 22.19: P 38/968 T 22.19: P 38/968

Looseleaf regulations system: Service 1, Income tax, transmittal 115. 810 Oct. 18, 1968. [35] p. 4° • Item 961 T 22.19/3: 1/trans. 115 Note.—Service 1 consists of pts. 1, 2, 18, and 19 of title 26 of Code of Federal regulations. It is sold on a subscription basis by the Superintendent of Documents, \$18.00 (including basic material and supplements issued irregularly for approximately 3 years); \$4.00 additional for foreign mailing.

Published ordinances, firearms, State laws and local ordinances relevant to Title 18, U.S.C., chap. 44. [1968.] cover title, [2]+9+17003-93+[32] p. 4° (Publication 603 (12-68); [Alcohol and Tax Division.].) [Includes 16 detachable copies of Form 4473, Firearms transaction record.] * Paper, \$1.25. ● Item 961-A T 22.32 : F 51/2 T 22.32: F 51/2

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

Page 55

811

Statistics of income, 1966, preliminary : Business income tax returns [with accounting periods ended mainly Dec. 1966]. [1968.] [2]+ii+27 p. il. 4° (Publication 513 (Rev. 10-68.) † • Item 964-B T 22.44/2:513 T 22.35/3: B 96/966

813 Tax information for visitors to United States. [1968.] [5] p. narrow 8° (Publication 513 (Rev. 10-68).) † • Item 964-B T 22.44/2:513

INTERNATIONAL COMMERCE BUREAU, Commerce Dept. Washington, DC 20230

Economic trends and their implications for United States, ET (series). * Paper, \$15.00 a yr., \$6.00 additional for foreign mailing. • Item 231-T C 42.30:(nos.)

- 68-43. Switzerland. Oct. 15, 1968. 6 p. 4º (American Embassy, Bern.) [Semi-814 annual.] 815
- 68-44. Indonesia Oct. 1, 1968. 14 p. 4° (American Embassy, Djakarta.) [Semi-
- 68-49. Indonesia. Oct. 1, 1968. 11 p. 4. (American Embassy, Ognacta), 1988.
 68-45. Denmark. Nov. 1, 1968. 10 p. 4. (American Embassy, Copenhagen.) [Semiannual.]
 68-46. Peru. Oct. 2, 1968. 8 p. 4. (American Embassy, Lima.) [Semiannual.]
 68-48. Saudi Arabia. Oct. 28, 1968. 8 p. 4. (American Embassy, Jidda.) [Semi-transport of the second 816 817
- 818
- 819 Federal programs supporting exporters, speech by E. E. Schnellbacher, Assistant Director, Bureau of International Commerce, Department of Commerce, prepared for delivery at luncheon of seminar on Export Trade and Small Manufacturer at Indiana University, Bloomington, Ind., Oct. 8, 1968. 1968. 6 p. 4° C 42 18: Sch 5/22
- Speech by E. E. Schnellbacher, Assistant Director, Bureau of International Commerce, Department of Commerce, prepared for delivery at Export 820 Day luncheon sponsored by Traffic Club of Greater St. Louis and World Trade Club of St. Louis [Mo.], Oct. 7, 1968. 1968. 7 p. 4°

C 42.18: Sch 5/21

821 U.S. trade imperative, action program for exporting, address by Archie M. Andrews, Deputy Director, Bureau of International Commerce, Department of Commerce, prepared for delivery at World Trade Week luncheon of International Trade Association of Dallas, Tex., Oct. 15, 1968. [1968.] 11 p. 4° 1 C 42.18: An 2/8

INTERNATIONAL DEVELOPMENT AGENCY, State Dept. Washington, DC 20523

822 U.S. economic assistance to Latin America, obligations and loan authorizations, July 1–Oct. 31, 1967 (millions of dollars). Nov. 30, 1967. 1 p. oblong 8° (W-135; Statistics and Reports Division, Office of Program and Policy Coordination.) S 18.2 : L 34/967

INTERSTATE COMMERCE COMMISSION Washington, DC 20423

Carload waybill statistics, 1965. (Bureau of Economics.)
 State-to-State distribution, traffic and revenue, one per cent sample of termina-tion in 1965: 34, Fabricated metal products; 35. Machinery; 36, Electrical machinery, equipment and supplies; 37. Transportation equipment; 38. Instru-ments, photographic and optical goods, watches and clocks; 39, Miscellaneous products of manufacturing; 40, Waste and scrap materials; 41. Miscellaneous freight shipments; 42. Containers, shipping, returned empty; 44, Freight for-warder traffic; 45, Shipper association and similar traffic; 46, Miscellaneous mixed shipments. June 1968. cover title, iii + 68 p. ii. 4° (Statement SS-7, year 1965.)

Carload waybill statistics, 1966. (Bureau of Economics.)

arload waybill statistics, 1966. (Bureau of Economics.) Mileage block distribution, traffic and revenue by selected commodity classes, territorial movement, and type of rate, one percent sample of terminations in 1966. June 1968. cover title, iii+127 p. II. 4° (Statement MB-1, year 1966.) IC 1.23/2:966

State-to-State distribution, traffic and revenue for all commodities and carloads and tons of revenue freight originated and terminated by States and carloads class, one percent sample of terminations in 1966, Sept. 1968, cover title, viii + 91 p. 4° (Statement SS-1, year 1966.) † IC 1.23/9:966

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

823

824

825

Page 56

- State-to-State distribution, traffic and revenue, one percent sample of termination in 1966: 01, Farm products; 08, Forest products; 09, Fresh fish and other marine products; 10, Metallic ores; 11, Coal; 13. Crude petroleum, natural gas, natural gasoline; 14, Nonmetallic minerals; 19, Ordnance and accessories. Sept. 1968. cover title, iii+70 p. 4° (Statement SS-2, year 1966.) † IC 1.23/10: 966
- Decisions of Interstate Commerce Commission (finance reports), Dec. 827 1965-Mar. 1967. 1968. xxi+833 p. (Interstate Commerce Commission reports, v.101, Motor carrier cases.) * Cloth, \$5.25. • Item 688 IC 1 mot. 8:101 L.C. card 8-30656
- General rules of practice before the Commission (including certain special 828 rules) in proceedings under Interstate Commerce act and related acts, with approved forms. Sept. 1968. [1968.] vi+69 p. 4° [Issued with perforations.] * Paper, \$1.00. • Item 679 IC 1.11:968 L.C. card 29-27439
- Rules and regulations governing filing of surety bonds, certificates of in-829 surance, qualifications as self-insurer or other securities and agreements by motor carriers and brokers subject to pt. 2 of Interstate commerce act. sec. 211 (c) and 215. [1968.] 11 p. * Paper, 10c. • Item 689

IC 1 mot. 6: B 64/968

Schedule of annual indices for carriers by railroad, 1914-66. [1968.] [95] 830 IC 1 acco. 2: R 13/6/914-66 p. il. 4° (Bureau of Accounts.) † L.C. card A 46-3919

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

National security seminar: Presentation outlines and reading list, 1968-69 831 [blue team]. Dec. 1968. xvi+617 p. il. 4° (Industrial College of Armed Forces.) [Some pages are left blank to be used for notes. Issued with perforations.] † • Item 315-A L.C. card 59-60361 D 5.9/2:968-69-2

JOINT PUBLICATIONS RESEARCH SERVICE Washington, DC 20443

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

- East European scientific abstracts · Bio-medical science, nos. 133-134; JPRS 832-1 46885, 46894.
- 832 2
- East European scientific abstracts: Chemistry, nos. 107; JPRS 46828. East European scientific abstracts: Cybernetics, computers, and automation tech-nology, no. 44; JPRS 46829. 832 - 3
- 832-4
- East European scientific abstracts: Earth sciences, no. 73; JPRS 46851. East European scientific abstracts: Electronic and electrical engineering, no. 52; 832-5 JPRS 46830.
- East European scientific abstracts: Engineering and equipment, no. 51; JPRS 46852. 832-6
- European scientific abstracts: Materials science and metallurgy, no. 31; RS 46850. 832 - 7East JPRS European scientific abstracts: Physics and mathematics, no. 98; JPRS
- 832-8 East 46800.

- 832-9 Epidemiology reports from the world press, no. 26; JPRS 46948.
 832-10 Herald of communications, nos. 8-9, 1968; JPRS 46833, 46924.
 832-11 Index of Le Monde, no. 95; JPRS 46964.
 832-12 Meteorology and hydrology, USSR, nos. 8-9, 1968; JPRS 46817, 47001.
 832-13 Soviet military translations, nos. 486-493; JPRS 46795, 46811, 46825, 46855, 46868, 46975, 47004, 47014.
 832-14 Space biology and medicine, v. 2, no. 4; JPRS 46930.
 832-15 Translations from Kommunications 22, 14, 1968 UPRS 46776, 46952, 46970.

- 832-14 Space biology and medicine, v. 2, no. 4; JPRS 46930.
 832-15 Translations from Kommunist, nos. 12-14, 1968; JPRS 46778, 46853, 46979.
 832-16 Translations on Africa, nos. 745-752; JPRS 46781, 46805, 46867, 46905, 46921, 46950, 46978, 47012.
 832-17 Translations on Communist China, nos. 31-34; JPRS 46737, 46883, 46920, 47018.
 832-18 Translations on Eastern Europe: Economic and industrial affairs, nos. 46-61; JPRS 46768, 46770, 46798, 46923, 46940, 46954, 46966, 46997, 47011.
 832-19 Translations on Eastern Europe: Political, sociological, and military affairs, nos. 38-50; JPRS 46766, 46771, 46801, 46834, 46866, 46886, 46919, 46927, 46939, 46955, 46965, 46986, 47010.
 832-20 Translations on Eastern Europe: Scientific affairs, nos. 19-25; JPRS 46792.
- 832-20 Translations on Eastern Europe: Scientific affairs, nos. 19-25; JPRS 46792, 46826, 46862, 46879, 46903, 46935, 46969.

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

Page 57

832-21	Translations on Latin America, nos. 107-118 : JPRS 46810, 46821, 46845, 46875, 46902, 46908, 46915, 46924, 46942, 46942, 46942, 469455, 4694555, 46945555, 46945555555, 469455555555555555555555555555555555555
832-22	
832-23	Translations on Near East, nos. 302-309: JPRS 46777, 46848, 46957.
832-24	Translations on Near East, nos. 302-309; JPRS 46785, 46344, 46878, 46904, 46922, 46952, 47000, 47019.
832-25	Translations on North Korea, nos. 99-102; JPRS 46780, 46803, 46906, 46993. Translations on North Vietnam, nos. 459-473; JPRS 46779, 46799, 46806, 46843, 46649, 46884, 46901, 46907, 46929, 46937, 46967, 46970, 46981, 46992, 47002. Translations on south and east Asia, nos. 198-201; JPRS 46839, 46880, 46983, 46999.
832-26	46849, 46884, 46901, 46907, 46929, 46937, 46967, 46970, 46981, 46992, 47002.
002 20	46999. 46983, 46983, 46983, 46983, 46983, 46983, 46983, 46983,
832-27 832-28	Translations on Soviet education, nos. 108-109; JPRS 46796-46909.
832-29	
832 20	46973.
	Translations on USSR agriculture, nos. 284–290; 292; JPRS 46775, 46804, 46816, 46874, 46913, 46958, 46958, 47023.
832-31 832-32	Translations on USSR communications no 100, TDDG 40701
	46780 46924 46920 46920 46920 46920 and demestic trade, nos. 283-289; JPRS
832-33	Translations on USSR fishing industry and marine resources, no. 21; JPRS 46808. Translations on USSR labor, nos. 279–282; JPRS 46794, 46873, 46911, 46850. Translations on USSR labor, nos. 279–282; JPRS 46794, 46873, 46911, 46850.
832-34 832-35	Translations on USSR labor, nos. 279–282; JPRS 46794, 46873, 46911, 46959. Translations on USSR transportation 240, 244, 46873, 46911, 46959.
832-36	Translations on Western Europe, nos. 12-17: JPRS 46767 46831 46842 46896
832-37	46938, 46998.
000 00	USSR economy and industry: General information, nos. 333-343; JPRS 46765, 46773, 46782, 46812, 46822, 46840, 46861, 46891, 46899, 46956, 46984. USSR industrial development: Automotive and tractor industry, nos. 108-109; JPRS 46871, 46946.
832-38	USSR industrial development: Automotive and tractor industry, nos. 108-109; JPRS 46871, 46946.
832-39	USSR industrial development: Chemical industry and machinery, nos. 103-104;
002-10	USSR industrial development : Construction, construction machinery, and building materials, nos. 182-191; JPRS 46786, 46797, 46836, 46854, 46872, 46916, 46933, 46976, 4698
020 41	46976, 46989, 46995.
862-41	USSR industrial development: Electric power, fuels and related equipment, nos. 169-176: JPRS 46815 46841 46012 46045 46045 46062 46072 46086 46004
832-42	USSR industrial development: Electric power, fuels and related equipment, nos. 109-176; JPRS 46815, 46841, 46912, 46945, 46963, 46972, 46986, 46994. USSR industrial development: Electronics and precision equipment, nos. 62-63; JPRS 46837, 47016
832-43	JPRS 46837, 47016. USSR industrial development: Metallurgy and minerals, nos. 125-127; JPRS
832-44	USSR industrial development: Metalworking equipment, nos. 240-241; JPRS 46813, 46869.
832 - 45	USSR international economic relations, nes. 159-163; JPRS 46827, 46882, 46917.
	46990, 47020. USSR scientific abstracts: Chemistry, nos. 65-67; JPRS 46897, 47003, 47005.
832-47	USSA scientific abstracts: Cybernetics, computers, and automation technology.
832-48	no. 67; JPRS 47006. USSR scientific abstracts: Electronics and electrical engineering, no. 103; JPRS
	40/12.
032-49	USSR scientific abstracts: Engineering and equipment, nos. 79-81; JPRS 46877, 46887, 46895.
832-50	USSR scientific abstracts; Materials science and metallurgy, nos. 56-57; JPRS
832-51	46962, 47013. USSR scientific abstracts: Physics and mathematics, nos. 175-177; JPRS 46774,
	46974, 47009.
832-92	Vestnik of the USSR Academy of Medical Sciences, nos. 9-10, 1968; JPRS 46820, 46961.
832-53	Vestnik of USSR Academy of Sciences, v. 38, nos. 7-8, 1968; JPRS 46769, 46944.
	JPRS (series). Y 3.1 66 · 13/(nos)
833	46776, Glass tube apparatus for large scale culture of the U. 1967.
	46776. Glass tube apparatus for large-scale culture of chlorella, USSR. [with hibliography]: by B. D. Bronzaft et al. Oct. 31, 1968. cover title, 7 p. II. 4 [®] [From Ukrayins [®] kyy betanichnyy zhurnal. v. 25, no. 4, 1968.] 4 [°] Paner, \$3.00.
	4" [From Ukrayins kyy betanichnyy zhurnal. v. 25, no. 4, 1968.] • Paper, \$3.00.
834	46783. Structure of Belorrussian Communist Party outlined USER No. 1 1000
	cover title, 14 p. 4° [From Kommunist Belorussii, Aug 1968]
835	46784. Criteria for choosing research scientists, USSR. Nov. 1, 1968. cover title.
	The providence of the second s
836	46788. Spectral characteristics reactivity and interaction of acide Magn
	46788. Spectral characteristics, reactivity and interaction of acids, USSR [articles, with lists of references], Nov. 1, 1968, cover title, a+17 p.
	1. 4° [From Doklady Akademii Nauk SSSR, v. 181, no. 4, 1968.] ϕ Paper, \$3.00.
837	46790. Automatic recognition of boart routhm disorders manifested by
000	r upko, et al. 1107. I. 1303. cover title, 5 p. 11. 4° [From Meditsinskava
838	46793. Adaptive systems, USSR [with bibliography]; by V. A. Trapeznikov, et al.
	v SSSR, 1968.] • Paper, \$3.00
839	46802. All-union conference held in Minsk on peaceful uses of atom, USSR
	 teknnika, ho. 4, 1967.] Φ Paper, \$3,00. 46793. Adaptive systems, USSR [with bibliography]; by V. A. Trapeznikov, et al. Nov. 4, 1968. cover title, 29 p. 4* [From Tekhnicheskaya kibernetika v SSSR, 1968.] Φ Paper, \$3,00. 46802. All-union conference held in Minsk on peaceful uses of atom, USSR [articles], Nov. 5, 1968. cover title, a+10 p. 4* [From Sovetskaya Belorussiya, Oct. 8-12, 1968.] Φ Paper, \$3,00.
	For Sale by Superintendent of Documents
	†Distribution Made by Issuing Office

Page 58 ‡Official Use. Not Available

JANUARY 1969

540		Biological, legal aspects of medical science, USSR [articles]. Nov. 6, 1968. cover title, a+34 p. 4° [From various Russian-language sources.]
841	46809.	Paper, \$3.00. Soviet ideology defended, extended training urged [articles], USSR.
842	46819.	 Paper, \$3.00. Soviet ideology defended, extended training urged [articles], USSR. Nov. 6. 1968, cover title, a+44 p. 4° & Paper, \$3.00. Cybernetle aspects of psychology of a set, USSR [with list of cited literature]; by I. T. Ezhalava, Nov. 6. 1968, cover title, 13 p. 4° [From Voprosy psikhologii, no. 5, 1968.] & Paper, \$3.00. Histochemical data on action of actinomycin 2703 on RNA metabolism of spinal motoneurons under conditions of hyperfunction, USSR [with bibliography]; by Yu, Ya, Geynisman, et al. Nov. 8, 1968. cover title, 7 p. 4° [From Byulleten' eksperimental'noy biologii in meditsiny, July 1968.]
		ture]; by f. T. Bzhalava, Nov. 6, 1968. cover title, 13 p. 4° [From Voprosy psikhologii, no. 5, 1968.] Φ Paper, \$3.00.
843	46838.	Histochemical data on action of actinomycin 2703 on RNA metabolism of spinal motoneurons under conditions of hyperfunction, USSR [with
		bibliography]; by Yu. Ya. Geynisman, et al. Nov. 8, 1968. cover title,
1.1.1.1		1968.]
844	46856.	 1968.]
845	46858.	 Paper, \$3.00. Socialist unity against Imperialist strategy urged, USSR; by V. Vladimirov. Nov. 13, 1968. cover title, 20 p. 4° [From Mirovaya ekonomika i mezhdunarodnyye otnosheniya, no. 8, 1968.] Paper, \$3.00. MPMO-7 thin-film magnetic matrix memory. USSR [with bibliography]; by Ye. F. Berezhnoy, et al. Nov. 13, 1968. cover title, a-b+62 p. il. 4°
		mirov. Nov. 13, 1968. cover title, 20 p. 4° [From Mirovaya ekonomika i mezhdunarodnyve otnosheniya, no. 8, 1968.] Φ Paper, \$3.00.
846	46860.	Improved use of time for scientific-research work needed, USSR; by V. K. Kurochkin Nov 13, 1968, cover title, 15 p. 4° [From Vestnik Mos-
		kovskogo Universiteta, seriya 7, ekonomika, no. 5, SeptOct. 1968.]
847	46863.	MPM-7 thin-film magnetic matrix memory, USSR [with bibliography]; by
		Ye. F. Berezhnoy, et al. Nov. 13, 1968. cover title, a-b+62 p. il. 4°
848	46864.	 Φ Paper, \$3.00. Selections from Problems in virology, no. 4, 1968, USSR [with bibliographics]. Nov. 14, 1968. cover title, a+36 p. il. 4° Φ Paper, \$3.00. Wastreduramic analysis of special non-uniformities in wave guides.
849	46889.	Electrodynamic analysis of special non-uniformities in wave guides, USSR (with bibliography); by M. G. Kuznetsoy, Nov. 18, 1968, cover
		title, 30 p. il. 4° [From Skaniruyu shchiye antenny Sverkhvysokikh
		Sergo Ordzhonikidze, no. 159, 1964.] 4 Paper, \$3.00.
850	46893.	 raphles]. Nov. 14, 1968. cover title, a+36 p. 11. 4° Φ Paper, \$3.00. Electrodynamic analysis of special non-uniformities in wave guides, USSR [with bibliography]; by M. G. Knznetsov. Nov. 18, 1968. cover title, 30 p. 11. 4° [From Skanfruyu shchiye antenny Sverkhvysokikh Chastot, trudy, Moskovskiy Ordena Lenina Aviatsionnyy Institut im. Sergo Ordzhonikidze, no. 159, 1964.] Φ Paper, \$3.00. Reports on bacterial endotoxins and plague in soil, USSR [articles, with bibliographies]. Nov. 18, 1968. cover title, a+21 p. 4° [From Zhurnal mikrobiologii, epidemiologii 1 immunobiologii, no. 8, 1968.] Φ Paper, \$3.00.
		mikrobiologii, epidemiologii 1 immunobiologii, no. 8, 1968. Φ Paper, \$3.00.
851	46898.	Optimization of electrical system power flow using gradient method, USSR [with hibliography]: by A. M. Gamm et al. Nov. 19, 1968, cover title.
	10000	25 p. il. 4° [From Elektrichestvo, no. 1, 1967.] 4 Paper, \$3.00.
852	46900.	Nov. 19, 1968. cover title, a-b+115 p. 4° 4 Paper, \$3.00.
853	46925,	by Yu. G. Shafer, et al. Nov. 21, 1968. cover title, 10 p. il. 4° [From
854	46926	Geomagnetizm i aeronomiya, no. 4, July-Aug. 1968.] Φ Paper, \$3.00. Water-salt metabolism during spaceflight, USSR [with bibliography]; by
001	10020	 \$3.00. Optimization of electrical system power flow using gradient method, USSR [with bibliography]; by A. M. Gamm, et al. Nov. 19, 1968. cover title, 25 p. il. 4° [From Elektrichestro, no. 1, 1967.] Φ Paper, \$3.00. Translations of miscellaneous Soviet party-level discussions, USSR. Nov. 19, 1968. cover title, a-b+115 p. 4° Φ Paper, \$3.00. Patrol instrument for registration of primary cosmic radiation, USSR; by Yu. G. Shafer, et al. Nov. 21, 1968. cover title, 10 p. il. 4° [From Geomagnetizm i aeronomiya, no. 4, July-Aug. 1968.] Φ Paper, \$3.00. Water-salt metabolism during spaceflight, USSR [with bibliography]; by I. S. Balakhovskiy, Nov. 21, 1968. cover title, 17 p. il. 4° Φ Paper, \$3.00.
855	46931.	scientific research in Soviet agriculture, USSR [articles]. Nov. 22, 1968. cover title, a+9 p. 4° [From Pravda, Oct. 11-12, 1968.] Φ Paper,
		\$0.00. A A TICOD furth list of sited literatural
856	46932	Selections from Voprosy filosofii, USSR [with list of cited literature]. Nov. 22, 1968. cover title, a+74 p. 4° 4 Paper, \$3.00.
857	46936.	Selections from Voprosy filosofi, USSR [with fist of cited interacting]. Nov. 22, 1968. cover title, a+74 p. 4° Φ Paper, \$3.00. Selections from Priroda, USSR [articles]. Nov. 22, 1968. cover title, a+48 p. il. 4° Φ Paper, \$3.00.
858	46941	 a+40 p. 11.4 a+40 p. 11.4 a+40 p. 11.4 a+40 p. 11.4 b+10 p. 11.4 a+10 p. 11.4 a+10 p. 14.4 a+10 p. 14.4 b+10 /li>
859	46942	Conference on isotopes held in Belorussia [articles]. Nov. 25, 1968. cover title a + 10 n 49 [From Sovetskava belorussiya, Oct. 9 and 12, 1968.]
000		Bibliogeneity on acrospace medicine and bioastronautics for 1967 USSR:
860		by L. I. Boreva, et al. Nov. 26, 1968. cover title, a-9+06 p. 4. Taber,
861	46949	 \$3.00. Research in technical physics, USSR [articles, with bibliographies]. Nov. 26, 1968. a+81 p. 4° [From Zhurnal tekhnicheskoy fiziki, no. 9, 1986.] 4 Paper, \$3.00. Translations from Problems in philosophy, no. 8, 1968. USSR, Nov. 26, 1968. cover title, a+51 p. 4° 4 Paper, \$3.00. Experimental substantiation of aerosol disinfection method in presence of viral infections. USSR [with bibliography]; by G. I. Karpukhin, et al.
		Nov 26 1968. a+81 p. 4° [From Zhurhat teknincheskoy hark, ho. 5, 1986.] Φ Paper, \$3.00.
862	46951	Translations from Problems in philosophy, no. 8, 1968. USSR, Nov. 26, 1968. cover title, a+51 p. 4° Φ Paper, \$3.00.
863	46953	Experimental substantiation of aerosol disinfection method in presence
		Nov. 26, 1968. cover title, 5 leaves, 4° [From Zhurnal mikrobiologii,
864	46960	Party and State activities described, USSR [articles]. Nov. 26, 1968.
865	46977	. Radiobiological experiments on Cosmos-110 biosatellite, USSR [with
		bibliography]; by V. V. Antipov, et al. Nov. 29, 1965. cover title, bo p. 11, 4° [From Nekotoryye itogi radiobiologicheskikh issledovaniy,
866	460.95	provedennykh na ISZ "Kosmos-110," Oct. 1968.]
	10002	 Experimental substantiation of aerosol disinfection method in presence of viral infections, USSR [with bibliography]; by G. I. Karpukhin, et al. Nov. 26, 1968. cover title, 5 leaves, 4° [From Zhurnal mikrobiologil, epidemiologil i immunobiology, no. 10, 1968.] Φ Paper, \$3.00. Party and State activities described, USSR [articles]. Nov. 26, 1968. cover title, 3° Φ Paper, \$3.00. Radiobiological experiments on Cosmos-110 biosatellite, USSR [with bibliography]; by V. V. Antipov, et al. Nov. 29, 1968. cover title, 30 n. 11. 4° [From Nekotoryye itogi radiobioligicaleskikh issledovaniy, provedennykh na ISZ "Kosmos-110," Oct. 1968.] Φ Paper, \$3.00. On way to orbital stations in space, USSR. Dec. 2, 1968. cover title, 9 p. il. 4° [From Krasnaya zvezda, Nov. 77, 1968.] Φ Paper, \$3.00. News of scientific activities and organizations. USSR [articles, with bib.
867	4698	 Vessa of scientific activities and organizations. USSR [articles, with bib- liographies]. Dec. 2, 1968. cover title, a+37 p. il. 4°
		The state of the state of the Department of

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

and a start of

2

JPRS-Continued

888

869

47007. Translations from Physics of combustion and explosion, USSR [articles; with bibliographles]. cover title, a+18 p. il. 4° Φ Paper, \$3.00.
47008. Current party and State activities, USSR [articles]. Dec. 4, 1968. cover title, a+38 p. 4° Φ Paper, \$3.00.

JUDGE ADVOCATE GENERAL (Navy), Defense Dept. Washington, DC 20350

870 Federal income tax information for Armed Forces personnel for 1968 income tax returns. 1969 edition. [1968.] iii+56+[2] p. (NAVSO P-1983 (11th edition).) * Paper, 30c. • Item 380-B L.C. card 68-61823

D 205.9:969

JUSTICE DEPARTMENT Washington, DC 20530

- LEAA grants and contracts: Dissemination document. (Office of Law Enforcement Assistance.) • Item 717 J 1.33/2:(nos.) Grant 178. Model in-service training program for correctional personnel, University of Georgia project. [1968.] cover title, [1]+vil+124 p. I..C. card 68-67195
 Project 052. Clincinnati police-juvenile attitude project, a demonstration project in police-teacher curriculum development to improve police-juvenile relations, final report submitted to Office of Law Enforcement Assistance, Dept. of Justice [with resource materials list]. [June 1968.] 1966.] 270 p. 11. 4° t
 L.C. card 68-67198
 Project 153. Reports, records and communications in Boston Police Department 871 872
- Project 153. Reports, records and communications in Boston Police Department, system improvement study [with one reference]. [1968.] cover title, viii+85+[1] p. il. 4° (LEAA project report.) † L.C. card 76-600181 873
- 874 LEAA publications. [1968.] [4] p. oblong 12° (Law Enforcement Assistance Administration.) † • Item 717 J 1.33/2: list
- 875 National program of research, development, test, and evaluation on law enforcement and criminal justice; [by] Alfred Blumstein [and others]. Nov. 1968. [2]+v+183 p. il. 4° (Law Enforcement Assistance Administration, Institute for Defense Analyses, Arlington, Va.; contract 68-38.) * Paper, \$1.50. • Item 717 L.C. card 79-600092

J12:L41/5

LABOR DEPARTMENT Washington, DC 20210

- 876 Address by Esther Peterson, Assistant Secretary of Labor, Department of Labor, before the seminar, The Privileged Woman?, Honolulu, Hawaii, Nov. 8, 1968. 1968. 14 leaves, 4° L 1 13 · P 44/10
- 877 Equality of opportunity in manpower programs, report of activity under title 6 of Civil rights act of 1964. Sept. 1968. [3] leaves+49 p. 4° (Manpower Administration.) † • Item 745 L.C. card 70-600185

L 1.2: M 31/53

- Manpower/automation research monograph.
- Work force adjustments in private industry, their implications for manpower policy [with selected bibliography]. Oct. 1968. vii+130 p. 4° (Manpower Administration.) † Item 746-H 878 (Manpower L 1 39/3:7

Manpower research bulletin.

 16. Canada manpower policy and programs [with selected bibliography; prepared by Philomena Mullady]. Nov. 1968. cover title, v1+37 p. il. 4° (Manpower Administration.) † ● Item 746-D 879

880 Manpower research projects, sponsored by Manpower Administration through June 30, 1968. Oct. 1968. iv+219 p. 4° † • Item 746-I L.C. card 67-60255

L 1.39/6:968

Page 60

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

- Railroad shopcraft factfinding study; prepared by Labor-Management Services Administration. Sept. 1968. xxi+175 p. il. 4° [Appendix volume, 881 xii+211 p., issued also.] * Paper, \$4.00 per set (2 vols.) • Item 745 L12:R13 L.C. card 70-600126
- Seminar on manpower policy and program: Economic issues for the future; by Arthur M. Okun. [Sept. 1968.] [1]+34 p. il. (Manpower Ad-882 ministration.) [Cover drawing by John Groth, reproduced through courtesy of Exchange, special issue May 17, 1967.] † • Item 745

L 1.39/8: Ec 7

- Education, employment, and Negro equality [Washington, D.C., Apr. 18, 1968]; by Otto Eckstein. [Oct. 1968.] [1]+23 p. (Manpower Administration.) [Condensed transcript. Text and illustration on p. 1-3 883 of cover.] † • Item 745 L1.39/8: N 31 L.C. card 79-600112

-Psychological dynamics of inner-city problems [Washington, D.C. 884 Mar. 14, 1968]; by Ross Stagner. [1968.] [1]+35 p. (Manpower Administration.) [Condensed transcript. Text and illustration on p. 1-3 of cover.] • Item 745

L.C. card 71-600129

L 1.39/8: P 95

LABOR STANDARDS BUREAU, Labor Dept. Washington, DC 20210

L 16.3:(nos.)

- Bulletins. Item 763 216. Control of electrical shock hazards. Revised 1968. [1968.] [1]+18 p. il. ([Safety in industry, mechanical and physical hazards series.]) * Paper, 20c. 995
- 222. Chemistry for safety man [with list of references]. Revised 1968. [1968.] iii+26 p. ([Safety in industry, Environmental and chemical hazards series.]) [Text on p. 2 and 3 of cover.] * Paper, 25c. 886
- Safety and health regulations for shipbuilding. July 1968. cover title, 43 p. 887 il. [Includes amendments published in Federal register through July 15, 1968.] † • Item 766–D L 16.6 . Sal/5/968 L.C. card 68-67392
- Status of safety standards; [by Patrick F. Cestrone]. [1968.] iv+107 p. il. 888 4° ([Office of Occupational Safety, Programing and Research Division.]) † • Item 765 L.C. card 76-600106

L 162: Sa 1/30

LABOR STATISTICS BUREAU, Labor Dept. Washington, DC 20210

BLS report. 350. Indexes of output per man-hour: Radio and television receiving sets in-dustry, 1958-66; [prepared in Office of Productivity, Technology and Growth]. Nov. 1968. [1]+iii+28+[1] p. il. 4° ↑ ● Item 768-G 889 L 2.3:(nos.) Bulletins. • Item 768

890		costs by family type I with list of technical references, prepared by
891		Area wage survey: San Antonio, 1ex, metropontan area, sure Sept. 1968. iii+20 p. il. oblong 8° * Paper, 30c.
892		Area wage survey : Chicago, Ill., metropolitan area, Apr. 1968. Oct. 1968. iv+47 p. oblong 8° * Paper, 50c.
893	1584-3,	Employee earnings and hours in retail food stores, grocery stores, sure 1966. Sept. 1968. vii+56 p. 4° * Paper, 60c.
894	1584-7.	Employee earnings and hours in miscellaneous retain stores. Suffer 2000, drug stores and proprietary stores. Sept. 1968. vi+61 p. il. 4* * Paper, 65c.
895	1598.	L.C. card 68-61967 Counselor's guide to manpower information, annotated bibliography of government publications. [1968.] vi+101 p. 49 ([Division of Man- power and Occupational Outlook.]) * Paper, \$1.00.
		For Sale by Clearinghouse. U.S. Department of Commerce, Springfield, Va. 22151 Page 61
		Sent to Depository Libraries Page 61

\cap

	COVERNMENT FUBLICATIONS
	Bulletins—Continued
896	1601. Capital flow matrix, 1958; [by Jack Alterman and others], Oct. 1968.
897	 L.C. card 70-600158 1625-5. Area wage survey : Syracuse, N.Y., metropolitan area, July 1968, Nov. 1968, 11+23 p. oblong S^o * Paper, 35c. M. C. card 75-600189
	Monthly labor review, reprint.
898	2584. Job gains of Mexican-American men, movement away from agriculture has provided these workers with better pay and job status; [by] Walter Fogel. [1968.] p. 22-27, 4° [From Oct. 1968 issue]. † L2.6/a: 2584
	avor central regional renorr.
899	 Bibliography of manpower projections for North Central region. [Sept. 1968.] cover title, [3] leaves+vii+55 p. 4°
900	Proceedings of 25th North American Conference on Labor Statistics, Toronto, Ontario, June 12–16, 1967. [1968.] cover title, v+286 p. il. 4° Conference.) [Canada Department of Labour and Ontario Department of Labour as cosponsors with Bureau of Labor Statistics.] [Formerly 24th Interstate Conference.] † • Item 769–C I. 2.80:967
	Regional report.
901	 Collective bargaining calendar for Pacific region, 1968; [prepared by John Montoya]. [1968.] cover title, [1]+21 p. 4°
902	Wage trends for occupational groups in metropolitau areas. Nov. 1966 to Nov. 1967, summary release. Oct. 1968. 4 p. 4° † L 2.86/2: 966-67-3
	LAKE SURVEY (Army), Defense Dept. 630 Federal Bldg., Detroit, MI 48226
	Research report RR (series). † D 102 200 (m.)
903	1-3. Currents at Harbor Beach, Mich. [with list of references] + h
004	 1-3. Currents at Harbor Beach, Mich. [with list of references]; by James H. Saylor. Aug. 1968. [4]+10+[13] p. 11. 4° 5-5. River ice jams, literature review [with bibliographies]; by S. J. Bolsenga, June 1968. cover title, [1]+11i+568+[2] p. 11. 4° ([Great Lakes Research Center.]) [Includes copyright material.]
005	Supplement 6, Oct. 1968. corrections and additions to 1968 Great Lakes pilot. [1968.] [2] p.+10 leaves. [Bearings are true and distances are ex- pressed in statute miles. Supplements information given upon charts published by Lake Survey.] † U.S. Army Engineer District. Lake Sur- vey, Corps of Engineers, 630 Federal Building, Detroit, MI 48226 L.C. card 6-7112 D 103.203 : 968/supp. 6
	LIBRARY OF CONGRESS Washington, DC 20540
06	 Illinois, sesquicentennial of statehood, [1818–1968]. exhibition in Library of Congress, Washington, D.C., Dec. 3, 1968–Oct. 31, 1969. 1968. viii+58 p. il. 4° * Paper, 70c. Item 786 L.C. card 68–67013
07	
	Library of Congress catalog, music and phonorecords, cumulative list of works represented by Library of Congress printed cards, JanJune 1968

v+238 p. 4° † Paper, \$20.00 (including semiannual issue and annual cumulation). L.C. card 53-60012

LC 30.8/6:968 908 Metaphor as pure adventure, lecture delivered at Library of Congress, Dec. 4, 1967, by James Dickey, consultant in poetry in English at Library of Congress, 1966-68, 1968. [2]+20 p. [Includes list of other publication on literature issued by Library of Congress. Title on cover is: James Dickey, metaphor, as pure adventure. Illustration on cover.] * Paper, 25c. • Item 784 L.C. card 68-61809

LC 1.14: D 55/2

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

Page 62

New serial titles, union list of serials commencing publication after Dec. 31, 909 1949, 1966–67 cumulation; prepared under sponsorship of Joint Com-mittee on Union List of Serials. 1968. xiii+1733 p. 4° [Supplement to Union list of serials, 3d edition. Supersedes 1966 annual cumulation and 12 monthly issues published in 1967.] † Cloth, \$115.00 a yr. (monthly and quarterly issues and cumulative annual volume), Card Division, Library of Congress, Bldg. 159, Navy Yard Annex, Washington, DC 20541

L.C. card 53-60021

LC 1.23/4:966-67

News from the Center [for Coordination of Foreign Manuscript Copying]. 910 [Semiannual.] † Center for Coordination of Foreign Manuscript Copying, Manuscript Division, Library of Congress, Washington, DC 20540. LC 1.33: (nos.)

no.1--- Spring 1967---

Nuclear science in mainland China, selected bibliography; by Chi Wang. 911 1968. vi+70 p. 4° (Science and Technology Division, Reference Department.) * Paper, 70c. • Item 818-A LC 33.2: C 44/4 L.C. card 68-62146

Volunteers with vision, [1968.] [10] p. il. narrow 8° ([Division for the LC 19.2: V 82 Blind and Physically Handicapped.]) 🕴 • Item 806

MARINE CORPS (Navy), Defense Dept. Washington, DC 20350

76 hours, Tarawa. [Nov. 1968.] cover title, [22] p. il. oblong 8° [Text on 913 D 214.13 : T 17 p. 2 of cover.] † • Item 383-B

MARITIME ADMINISTRATION, Commerce Dept. Washington, DC 20548

Index of estimated shipbuilding costs in United States; prepared by 914 Division of Management, Office of Budget and Management. June 1967. (Office of Ship Construction.) [1] p. il. oblong 8° ‡ C 39.202 : Sh 64/11

MA SP (series).

C 39.210/2:(nos.)

- 68-6. Remarks by J. W. Gulick, acting Maritime Administrator, Department of Commerce before Propeller Club of United States, 42d annual convention, and American Merchant Marine Conference, St. Louis, Mo., Oct. 11, 1968, 1968, 59, 4°
 68-7. Remarks by J. W. Gulick, Acting Maritime Administrator, Department of Commerce, Washington, D.C. at 2d International Container Services and Equipment Exposition, Panel on the exporter, the Importer, and the container, Baltimore, Md., Oct. 29, 1968, 1968.] 6 p. 4°

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

- Manual of Medical Department, page change 47, Sept. 23, 1968. [31] 917 D 206.8/2:952/ch.47 p. 4° [Issued in looseleaf form.] ‡
 - U.S. Naval Submarine Medical Center, Submarine Base, Groton, Conn.: 1) 206.10 : (nos.) Reports.
 - 499. Adaptation to homochromatic visual world [with list of references]; by Jo Ann S. Kinney and Jane C. Cooper. July 28, 1967. cover title, iii+7+[2] p. il. 4° (Research Work Unit MF 011,99-9002.05.)

 - p. il. 4° (Research Work Unit MF 011.99-9002.05.)
 524. Stress response in chronic hypercapnia [with list of references]; by Karl E. Schaefer, Nancy McCabe, and Judith Withers. May 16, 1968. cover title, 543-548+[2] p. il. 4° (Research work unit MF022.03.93-9028.01.) [From American journal of physiology, v. 214, no. 3, Mar. 1968.]
 527. Thermal evaluation of polyvinylchloride exposure suit [Empress) and comparison with present submarine deck exposure suit [With list of references]; by David A. Hall and Joel J. Nobel. May 22, 1968. cover title, iv+22+[2] p. il. 4° (Research work unit MF022.03.9025.29.)
 535. Fungal flora of submarine environment during prolonged submergence [with list of references]; by William C. Milroy. June 17, 1968. cover title, iv+7 +2 p. il. 4° (Research work unit MF022.03-9025.31.)

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

Page 63

915

916

918

921

	Reports-Continued Redical Center, Submarine Base, Groton, Conn.	\$
922	536. Saturation-excursion diving : biochemical cycle functions in lactic dehydre genase, lactate, and pyruvate responses [with list of references]; by K. F Schaefer [and others]. June 18, 1968. cover title, 343-350-12] p. i 4° (Research work unit MR005.04-0063.02.) [Text on p. 2 of cover. Re printed from Aerospace medicine v 30 pc 4. In rest on p. 2 of cover. Re	d
923	537. In vivo assessment of solubility of tooth enamel during FBM patrol [with list of references]; by Dale T. Zorn and William R. Shiller, June 24, 1968	h
924	538. Taste thresholds to hitter compounds during submarine patrol [with bibliog raphy]; by John W. Nesson and William and and William and A	1
925	539. Dietary habits and related factors in FBM crew members [with list of refer ences]; by James K Summitt and Willie and Willie and States [with list of refer	
926	540. Use of circumaural earphones in audiometry [with list of references]; by	1
927	 search work unit MF022.01.04 9004.10.) 541. Responses to underwater distortions of visual stimuli [with list of refer ences]: by Jo Ann S. Kinney, Saul M. Luria, and Donald O. Weitzman July 16, 1968, cover title, iii+16+[2] p. il. 4° (Research work unit MF022.01.9005.04.) 	_
928	 543. Head positioning for Panorex X-ray machine [with list of references]; by William R. Shiller. Aug. 20, 1968. cover title, iii+12+[2] p. il. 4° (Research work unit MR005.19-6042.02.) 	

MINES BUREAU, Interior Dept. Washington, DC 20240

Bulletin.

929

646. Cold-mold arc melting and casting [with lists of references]; by R. A. Beall and others, [1968,] x+151 p. il. 4° * Paper, \$1.25. ● Item 636 L.C. card 68-67387 I 28.3: 646

- 930 Cement; [by Paul L. Allsman]. [1968.] [2]+25 p. il. [Preprint from Minerals yearbook, 1967.] * Paper, 20c. I 28.37/a : C 332/967
- 931 Clays; [by James D. Cooper]. [1968.] [2]+20 p. il. [Preprint from Minerals yearbook, 1967.] * Paper, 15c. I 28.37/a : C 579/967
- 932 Coal, bituminous and lignite; [by W. H. Young and J. J. Gallagher]. [1968.] [2]+26 p. [Preprint from Minerals Yearbook, 1967.] * Paper, 20c.

I 28.37/a : B 549/967

- 933 Coal-Pennsylvania anthracite; [by Staff, Division of Environmental Ac-tivities]. [1968.] [2]+24 p. [Preprint from Minerals yearbook, 1967.] * Paper, 20c. I 28 37/a : An 86/2/967
- Coke and coal chemicals; [by Joseph A. DeCarlo and Barbara D. Watson]. 934 [1968.] [2]+44 p. [Preprint from Minerals yearbook, 1967.] * Paper, I 28.37/a : C 669/2/967
- Copper; [by J. A. Rowland and Gertrude N. Greenspoon], [1968.] [2]+41 p. [Preprint from Minerals yearbook, 1967.] * Paper, 20c.

I 28.37/a : C 793/967

- 936 Crude petroleum and petroleum products; [by James G. Kirby and Betty M. Moore]. [1968.] [2]+111 p. il. [Preprint from Minerals yearbook, 1967.] Paper, 50c. I 28.37/a : P 448/3/967 937
- Gold; [by J. Patrick Ryan]. [1968.] [2]+22 p. il. [Preprint from Minerals yearbook, 1967.] * Paper, 15c. I 28.37/a : G 563/16/967 Information circulars.

- 938 939
- 940
- 128.27:(108.)
 8391. Dimension stone [with bibliography]; by William R. Barton. [1968.]
 8392. Horizontal boring technology, state of art study, by James Paone, William E. Bruce, and Roger J. Morrell, Errata. [1968.] 1 p. 4° † Mines Bureau, Pittsburgh, PA 15213
 8396. Prospecting and exploring for radioactive minerals, supplement to facts concerning uranium exploration and production [with bibliographies]; by staff, Mineral Resource Evaluation. [1968.] iv+36 p. 4° * Paper, 45c.
- Injury experience and worktime in mineral industries; [by Forrest T. Moyer]. [1968.] [2]+13 p. [Preprint from Minerals yearbook, 1967.] * Paper, 10c. I 28.37/a : In 5/967

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

Page 64

I 28.27:(nos.)

- Iron and steel; [by John W. Thatcher]. [1968.] [2]+21 p. [Preprint from 942 1 28.37/a : Ir 6/5/967 Minerals yearbook, 1967.] * Paper, 15c.
- Lime; [by Paul L. Allsman]. [1968.] [2]+9 p. il. [Preprint from Minerals 943 I 28.37/a : L 629/967 yearbook chapter, 1967.] * Paper, 10c.
- List of Bureau of Mines publications and articles, Jan. 1-Dec. 31, 1967. 944 with subject and author index. 1968. cover title, iii+117 p. 4° (Special publication.) * Paper, 65c. • Item 638 I 28.5:967 L.C. card 61-64978
- Mineral industry of Alabama; [by Ronald P. Hollenbeck and W. Everett 945 Smith]. [1968.] [2]+15 p. il. [Preprint from Minerals yearbook, 1967.] I 28.37/a 2 : Al 1 b/967 * Paper. 15c.
- Mineral industry of Arkansas; [by Raymond B. Stroud]. [1968.] [2]+16 946 p. il. [Preprint from Minerals yearbook, 1967.] * Paper, 15c. I 28.37/a 2: Ar 4K/967
- Mineral industry of Bolivia; [by Robert A. Whitman]. [1968. [2]+8 p. [Preprint from Minerals yearbook, 1967. * Paper, 10c. 947 28.37/a 2 : B 638/967

Mineral industry of Connecticut; [by Curtis D. Edgerton]. [1968.] [2]+6 948 p. il. [Preprint from Minerals Yearbook, 1967.] * Paper, 10c.

I 28.37/a 2: C 76/967

Mineral industry of Delaware; [by Samuel A. Gustavson]. [1968.] [2]+3 949 p. [Preprint from Minerals yearbook, 1967.] * Paper, 10c. I 28.37/a 2 : D 37/967

- Mineral industry of East Germany; [by Bernadette Michalski and L. 950 Nahai]. [1968.] [2]+6 p. [Preprint from Minerals yearbook, 1967. I 28.37/a 2 : G 317/967 * Paper, 10c.
- Mineral industry of Florida; [by John W. Sweeney and Robert O. Ver-951 non]. [1968.] [2]+15 p. il. [Preprint from Minerals yearbook, 1967.] I 28.37/a 2 : F 66/967 * Paper. 15c.
- Mineral industry of Georgia; [by Robert G. Hobbs and A. S. Furcron]. 952 [1968.] [2]+12 p. il. [Preprint from Minerals yearbook, 1967.] * Paper. I 28.37/a 2 : G 29/967 10c.
- Mineral industry of Hawaii; [by Roy Y. Ashizawa]. [1968.] [2]+6 p. 953 [Preprint from Minerals yearbook, 1967.] * Paper, 10c.

I 28.37/a 2 : H 31/967

- Mineral industry of Kansas; [by George T. McIntyre, A. L. Hornbaker, and 954 R. G. Hardy]. [1968.] [2]+19 p. il. [Preprint from Minerals yearbook. I 28.37/a 2 : K 13/967 1967.] * Paper, 15c.
- Mineral industry of Maine; [by Robert E. Ela]. [1968.] [2]+6 p. [Pre-955 print from Minerals yearbook, 1967.] * Paper, 10c.

I 28.37/a 2 : M 28/967

- Mineral industry of Maryland. [1968.] [2]+7 p. [Preprint from Minerals 956 I 28.37/a 2 : M 36/967 * Paper, 10c. yearbook, 1967.]
- Mineral industry of Massachusetts; [by Melvin E. Hinkle]. [1968.] [2]+8 957 p. il. [Preprint from Minerals yearbook, 1967.] * Paper, 10c. I 28.37/a 2 : M 38/967

Mineral industry of Minnesota; [by Keith S. Olson]. [1968.] [2]+22 p. il. 958 [Preprint from Minerals yearbook, 1967.] * Paper, 15c.

I 28.37/a 2 : M 66/967

- Mineral industry of Mississippi; [by Nicholas A. Kendall and William H. 959 Moore]. [1968.] [2]+15 p. il. [Preprint from Minerals yearbook, 1967.] I 28.37/a 2 : M 691/967 * Paper, 15c.
- Mineral industry of New Jersey; [by Joseph Krickich]. [1968.] [2]+10 960 p. il. [Preprint from Minerals yearbook, 1967.] * Paper, 10c. I 28.37/a 2 : N 42j/967

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

961 Mineral industry of New Zealand; [by John A. Stock]. [1968.] [2]+12 p. [Preprint from Minerals yearbook, 1967.] * Paper, 10c.

I 28.37/a 2 : N 42z/967

- 962 Mineral industry of North Carolina; [by V. A. Danielson and Stephen G. Conrad]. [1968.] [2]+15 p. il. [Preprint from Minerals yearbook, 1967.] * Paper, 15c. I 28 37/a 2 : N 81c/967
- 963 Mineral industry of Oregon; [by Ronald P. Collins]. [1968.] [2]+12 p. il. [Preprint from Minerals yearbook, 1967.] * Paper, 10c

I 28.37/a 2 : Or 3/967

964 Mineral industry of Portugal; [by Justin B. Gowen]. [1968.] [2]+9 p. [Preprint from Minerals yearbook, 1967.] * Paper, 10c.

I 28.37/a 2 : P 838/967

965 Mineral industry of Puerto Rico, Panama Canal Zone, Virgin Islands, Pacific Island Possessions, and Trust Territory of Pacific Islands; [by Harry F. Robertson, Jose F. Cadilla, and Roy A. Ashizawa]. [1968.] [2] +6 p. [Preprint from Minerals yearbook, 1967.] * Paper, 10c.

I 28.37/a 2 : P 96r/967

966 Mineral industry of Rhode Island; [by Mcherwan C. Irani]. [1968.] [2] +3 p. [Preprint from Minerals yearbook, 1967.] * Paper, 10.

I 28.37/a 2 : R 34/967

- 967 Mineral industry of South Carolina; [by Robert C. Johnson and Harry S. Johnson, jr.]. [1968.] [2]+8 p. il. [Preprint from Minerals yearbook. * Paper, 10c. 1967.] I 28.37/a 2: So 8c/967
- 968 Mineral industry of territory of South-West Africa; [by Thomas C. Denton]. [1968.] [2]+8 p. [Preprint from Minerals yearbook, 1967.] * Paper, 10c. I 28.37/a 2 : So 87w/967
- 969 Mineral industry of Vermont; [by Harold F. York]. [1968.] [2]+5 p. [Preprint from Minerals yearbook, 1967.] * Paper, 10c.

I 28.37/a2: V 59/967

Minor nonmetals; [by Staff, Division of Mineral Studies]. [1968.] [2]+10 970 p. [Preprint from Minerals yearbook, 1967.] * Paper, 10c.

I 28.37/a : N 731/967

- 971 Natural gas liquids; [by William B. Harper and Leonard L. Fanelli]. [1968.] [2] +20 p. il. [Preprint from Minerals yearbook, 1967.] * Paper, 15c. I 28.37/a : G 21/2/967
- 972 Platinum-groups metals; [by R. A. Heindl]. [1968.] [2]+10 p. [Preprint from Minerals yearbook, 1967.] * Paper, 10c. I 28.37/a : P 696/967
 - Report of investigations. Item 637-A
- I 28.23 : (nos.) 7177. Multistage probability model of sample reduction in mineral industries [with list of references]; by Robert M. Becker. [Dec. 1968.] [2]+11+121 p. il. 4° † Mines Bureau, Pittsburgh, PA. 15213
 7184. Colorimetric method for arsenic in coal; by R. F. Abernethy and F. H. Gibson. [Oct. 1968.] [3]+10 p. il. 4° † Mines Bureau, Pittsburgh, PA. 15102 973 974
- 975
- 7187. Reactivity of ammonium nitrate-fuel oil with pyrite-bearing ores; by D. R. Forshey, T. C. Ruhe, and C. M. Mason. [Oct. 1968.] [3]+10 p. 4°
 † Mines Bureau, Pittsburgh, PA 15213 976
- † Mines Bureau, Pittsburgh, PA 15213
 7188. Flotation characteristics of some heryllium minerals and associated gangue minerals (with list of references]; by Andrew J. Forgus, Gerald V. Sullivan, and Garry F. Workentine. [Oct. 1968.] [2]+ii+22 p il. 4°
 † Mines Bureau, Pittsburgh, PA 15213
 7195. Development of slurry explosives for use in potentially flammable gas atmospheres; by R. W. Van Delah, C. M. Mason, and D. R. Forshey. [Oct. 1968.] [3]+9 p. il. 4°
 † Mines Bureau, Pittsburgh, PA 15213
 7196. Large-scale studies of gas detonations; by D. S. Burgess [and others]. [5213. 977
- 978
- 15213
- 7200. Stresses and displacements induced in rock by tunnel boring machine props [with list of references]; by Wilbur I. Durall and Wilson Blake. [Nov. 1968.] [3]+29 p. il. 4° [Errata, 1 p. issued also.] † Mines Bureau, Pittsburgh, PA 15213. 979 980
 - 7202. Comparison of trip lights and reflectors; by R. H. Oitto [and others]. [Nov. 1968.] [3] +17 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213,

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

JANUARY 1969

- 981
- 7203. Coal-derived humus: Plant growth effects [with list of references]; by Philip G. Freeman and Walter W. Fowkes. [Nov. 1968.] [3]+16 p. 11. 4° † Mines Bureau, Pittsburgh, PA 15213.
 7214. Use of fly ash for remote filling of underground cavities and passageways; by Edwin M. Murphy [and others]. [Dec. 1968.] [3]+27 p. il. 4° † Mines Bureau, Pittsburgh, PA 15213.
- Review of mineral industries; [by Olman Hee, Charles L. Reading, and 083 Jeannette I. Baker]. [1968.] [2]+66 p. il. [Preprint from Minerals year-I 28.37/a : M 662/5/967 book. 1967.] * Paper. 30c.
- Silver; [by J. Patrick Ryan]. [1968.] [2]+20 p. il. [Preprint from Minerals 9.84 1 28.37/a : Si 39/3/967 yearbook, 1967.] * Paper, 15c.
- Statistical summary; [by Kathleen J. D'Amico]. [1968.] [2]+37 p. [Pre-985 print from Minerals yearbook, 1967.] * Paper, 20c.

I 28.37/a2 : St 29/967

- Stone; [by William R. Barton]. [1968.] [2]+22 p. [Preprint from Minerals 986 I 28.37/a : St 72/967 yearbook, 1967.] * Paper, 15c.
- Technologic trends in mineral industries (metals and nonmetals except 987 fuels); [by John L. Morning]. [1968.] [1]+32 p. [Preprint from Min-I 28.37/a : T 226/967 erals yearbook, 1967.] * Paper, 20c.
- Titanium; [by John W. Stamper]. [1968.] [2]+14 p. [Preprint from 988 1 28.37/a : T 53/967 Minerals yearbook, 1967.] * Paper, 10c.

MINT BUREAU, Treasury Dept. Washington, DC 20220

Mint story. [Nov. 1968.] cover title, [1]+40 p. il. 4° † 989 L.C. card 68-61588

T 28.2: M 66/2

MISSOURI BASIN INTER-AGENCY COMMITTEE

NOTE.—The chairman of the Missouri Basin Inter-Agency Committee for fiscal year 1969 is the Agriculture Department member, Keith F. Myers, State Conserva-tionist, Soil Conservation Service, 134 South 12th Street, Lincoln, NB 68508.

Annual progress report, fiscal year 1968. [1968.] cover title, [4]+34+[2] 990 p. il. 4º 1

L.C. card 61-60376

Y 3 M 69:1/968

Minutes of 154th meeting, Hibbing, Minn., Sept. 6, 1968; [prepared by 991 Allen L. Fisk]. [1968.] cover title, [84] p. il. 4° Y 3.M 69: 2M 66/968-3 L.C. card 57-33283

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION Washington, DC 20546

	NASA co		S 1.26 : (nos.)
992	719.	Theoretical investigation of aerodynamics of slender wing tions exhibiting leading-edge separation, by Alvin H. S E. Lundberg, and Charles W. Hanson, Errata. [Sept. herror 40	30, 1968. [3]
993	743(1).	Supplement to feasibility of V/STOL concepts for short- aircraft [with list of references]; by Bernard L. Fj cover title, vii+57 p. II. 4° [Prepared under contract Boeing Company, Morton, Pa. Issued by originator as	NAS 2-3142 by document D8-
994	1107.	Data display programming [with list of references]. Sept. 1 xy+176+[125] p. II. 4° [Prepared under contract I by Wolf Research and Development Corporation, West Development factors are colored 1. d Paper \$3.00	Concord, Mass.
995	1110.	Bioroelectronic device data handbook: v. 1, Text. July 19 [303] p. ll. 4° [Prepared under contract NAS 12-52 search Corporation, Annapolis, Md., for Electronics R Issued by originator as publication 548-01-7-803.] \oplus I	esearch Center. Paper, \$3.00.
996	1113.	MOS field-effect-transistor technology [with list of Felere Wallmark [and others]. Sept. 1968. cover fille, vi+61 pared under contract NAS 1-5794 by Radio Corporati Detector N 1. d Paner \$3.00	p. il. 4 [Pre- ion of America,
997	1121.	 Princeton, N.J. 9 A aper, 50.007 Research study of fundus tracker for experiments in stability D. H. Kelly and H. D. Crane. Sept. 1968. cover title, [Prepared under contract NAS 2-3995 by Stanford Res Menlo Park, Calif.] Paper, \$3.00. PFor Sale by Clearinghouse, U.S. Department of 	earch Institute,
		Commerce, Springfield, Va. 22151	
		Sent to Depository Libraries	Page 67

329-557-69-__6

	NASA contractor report CR (series)—Continued
998	1128. Practical reliability: v. t. Parameter variations analysis [with list of references]. July 1968. cover title, viii+84 p. il. 4° [Prepared under Park, N.C.] Φ Paper, \$3.00.
999	contract NASw-1448 by Research Training Institute, Research Triangle Park, N.C.] Φ Paper, \$3.00
171733	and J. Holowach. Nov. 1968. cover title, xix+245 p. fl. 4° [Prepared under contract NAS 3-2547 by General Electric Company Circingert]
1000	and John A. McDonald. Sept. 1968, cover title
1001	1138. Annular lithlum-drifted germanium detector for studying nuclear reac- tion gamma-rays [with list of references]; by A. J. Levy, R. C. Ritter, and K. Ziock, Sept. 1968, cover title, [1]+83 p. 11 49 [Prenerged]
1002	of references]; by H. James Herring and George L. Mellor, Sept. 1968
1003	
1004	 by Princeton University, Princeton, N.J., for Lewis Research Center.] by Princeton University, Princeton, N.J., for Lewis Research Center.] 1147. Generalized experimental investigation of hot gas recirculation and in- gestion for jet VTOL aircraft [with list of references]; by Patrick E. Ryan, Richard J. Heim, and Wayne J. Cosgrove. Sept. 1968. cover title, xill+140 p. il. 4° [Prepared under contract NAS 1-6706, by Bell Acrosystems Company, Buffalo, N.Y.] • Paper, \$3.00. 1151. Human as an optimal controller and information processor [with list of references]; by Sheldon Baron and David L. Kleinman. Sept. 1968. cover title, iv+71 p. il. 4° [Prepared under contract NAS 12-104 by Bolt Beranek and Newman Inc. Cambridge, Mass. Issued by originator as report 1571.] • Paper, \$3.00. 1159. Study of spaceborne multiprocessing, phase 2, v. 2; Technical description [with bibliographies]; by L. J. Koczela, Sept. 1968. cover title, [447]
1005	1159. Study of spaceborne multiprocessing, phase 2, v. 2: Technical description [with bibliographics]; by L. J. Koczela, Sept. 1968, cover file, [447] p. fl. 4° [Prepared under contract NAS 12-108 by North American Rockwell Corporation, Anahelm, Calif, Issued by originator as proper
1006	1100 C 0-14(6.22/33.]
1007	 1163. Analytical investigation of incompressible turbulent swirling flow in pipes [with list of references]: by Avelino P. Rochino and Zaiman Lavan. Sept. 1968. cover title. xvi+123 p. 11. 4° [Prepared under grant NsG 694 by Illinois Institute of Technology, Chicago, Ill.] • Paper, \$3.00. 1170. Radiative and convective heating during atmospheric entry [with list of references]; by W. S. Rigdon, R. B. Dirling, ir., and M. Thomas. Sept. 1968. cover title, til+49 p. 11. 4° [Prepared under contract NAS 1-7757, item 1, by Douglas Aircraft Company, Santa Monica, Calif.] • Paper, \$3.00.
1008	 1177. Input admittance and reflection coefficient of circular aperture in ground plane covered by homogeneous dielectric or plasma slab [with list of references]: by R. E. Van Doeren. Sept. 1968. cover title, v+29 p. fl. 4° [Prepared under grant NGR-36-008-048 by Ohlo State University. Columbus, Ohio.] Φ Paper, \$3.00. 1179. Adaptive simulation using mode identification [with bibliography]: by Rob Roy. C. H. Schley, and A. R. Axelrod. Nov. 1968. cover title, iii +66 p. fl. 4° [Prepared under grant NGR-36-008-048 by Ohlo State University. Columbus, Ohio.] Φ Paper, \$3.00. 1179. Adaptive simulation using mode identification [with bibliography]: by Rob Roy. C. H. Schley, and A. R. Axelrod. Nov. 1968. cover title, iii +66 p. fl. 4° [Prepared under grant NGR-33-018-014 by Rensselaer Polytechnic Institute, Troy. N.Y.] Φ Paper, \$3.00. 1182. Investigation of thin film oxygen partial pressure sensors [with bibliography]: by T. M. Royal, J. J. Wortman, and L. K. Monteith. Sept. 1968. cover title, vii+55 p. fl. 4° [Prepared under contract NAS 1-7087 by Research Triangle Institute, Research Triangle Park, N.C.] Φ Paper, \$3.00. 1183. Preprocessing electronic satellite advantations is right.
1009	1179. Adaptive simulation using mode identification [with bibliography]; by Rob Roy, C. H. Schley, and A. R. Axelrod. Nov. 1968. cover title, iii + 66 p. il. 4 ⁿ [Prepared under grant NGR-32-014 by Ponsocleor
1010	 Polytechnic Institute, Troy, N.Y.]
1011	Joseph E. Gross III. Nov. 1968. cover title, xii+188 p. ll. 4° [Pre-
1012	 1184. Oxidation resistant materials for transpiration cooled gas turbine blades: 2. Wire speciment tests; by Fred W. Cole, James B. Padden and Andrew R. Spencer. Sept. 1968. viii + 117 p. fl. 4° [Prepared under contract NAS 3-7269 by Bendix Corporation, Madison Heights, Mich.] • Paper, \$3.00. 1186. Flow-induced vibrations of flat plate suspended in narrow changed with
013	1968, cover title, til+59 p. il. 4° [Prepared under contract NAS 1-6714 by Southwest Research Institute, San Antonio, Tex, Issued by
.014	4. [Prepared under Interagency order NASA-C-7756-B by Institute
015	 1191. Optical absorption and fluorescence in fused silica during TRIGA pulse irradiation [with list of references]; by R. Gagosz and J. Waters. Sept. 1968. cover title. v+38 p. 11. 4^o [Prepared under contract NASw-847 by United Aircraft Corporation, East Hartford, Conn. Issued by originator as report G-910485-3.]
	For Sale by Superintendent of Documents

Page 68

†Distribution Made by Issuing Office ‡Official Use. Not Available

JANUARY 1969

1016	1192. Relative annoyance and loudness judgments of various simulated solid boom waveforms [with list of references]; by L. J. Shepherd and W. W. Sutherland. Sept. 1968. cover title, vil+52 p. II. 4º [Prepared under subcontract B-87017-US by Lockheed-California Company, Burbank, Calif.; contract NAS-1-6193, Stanford Research Institute, Menlo Park, Calif.; contract pricinator as report Lk-20922.] P Paper, \$3.00.
1017	1194. Investigation of electron interaction in matter [with list of references]: hy W. E. Dance, W. J. Rainwater, and D. H. Rester. Oct. 1968. cover title v+[1]+330 p. il. 4° [Prepared under contract NAS 8-21055 by Ling-Temco-Vought Inc., Dallas, Tex. Issued by originator as report
1018	1197. Fatigue crack propagation in cylindrical shells [with list of references]; by W. M. Catanach, jr., and F. Erdogan. Oct. 1968. cover title, vil+108 p. il. 4° [Prepared under grant NGR 39-007-011 by Lehigh University,
1019	
1020	 1200. Entry length for rocket meteorological radiation shield [with list of references]; by Forrest L. Staffanson, Sadiq Alsaji, and Ronald Fazzlo. Oct. 1968. cover title, iii+24 p. ii. 4° [Prepared under grant NGR-45-003-025 by University of Utah, Sait Lake City, Utah.] Φ Paper, \$3.00. 1201. Large low-frequency orbiting radio telescope [with list of references]; by Hans U. Schuerch and John M. Hedgepeth. Oct. 1968. cover title, ix +49 p. ii. 4° [Prepared under contract NAS 7-426, Mod. 3 by Astro Research Corporation, Santa Barbara, Calif. Issued by originator as Report ARC-R-282.] Φ Paper \$3.00. 1202. Nonlinear lift and pressure distribution of slender conical bodies with
1021	strakes at low speeds [with list of references]; by E. S. Levinsky and M. H. Y. Wei, Oct. 1968. cover title, iii + 61 p. il. 4°. [Prepared under contract NAS 2-3523 by Air Vehicle Corporation, La Jolla, Calif.]
1022	 Paper, \$3.00. Study of pretesting effects on electroexplosive devices; by M. G. Kelly and 1203. Study of pretesting effects on electroexplosive devices; by M. G. Kelly and 1203. R. G. Amicone. Nov. 1968. cover title, xi+49+[13] p. il. 4^a [Prepared R. G. Amicone. Nov. 1968. cover title, xi+49+[13] p. il. 4^a [Prepared R. G. Amicone. Nov. 1968. cover title, xi+49+[13] p. il. 4^b [Prepared R. G. Amicone. Nov. 1968. cover title, xi+49+[13] p. il. 4^b [Prepared R. G. Amicone. Nov. 1968. cover title, xi+49+[13] p. il. 4^b [Prepared R. G. Amicone. Nov. 1968. cover title, xi+49+[13] p. il. 4^b [Prepared R. G. Amicone. Nov. 1968. cover title, xi+49+[13] p. il. 4^b [Prepared R. G. Amicone. Nov. 1968. cover title, xi+49+[13] p. il. 4^b [Prepared R. G. Amicone. Nov. 1968. cover title, xi+49+[13] p. il. 4^b [Prepared R. G. Amicone. Nov. 1968. cover title, xi+49+[13] p. il. 4^b [Prepared Round to the second to the sec
1023	1204 Study of Jimsphere wind profiles as related to spice venicle design and operations [with list of references]; by S. I. Adelfang, E. V. Ashburn, and A. Court, Nov. 1968. cover title, xv+101 p. il. 4° [Prepared under contract NAS 8-20747 by Lockheed California Company, Burbank, Calif.
1024	1205(1). Compendium of human responses to aerospace environment, V.1, Sec. 1-6 (with lists of references; edited by Emanuel M. Roth). Nov. 1968. [498] p. 11, 4° [Prepared under contract NASr-115 by Lovelace Founda- tion for Medical Education and Research, Albuquerque, N. Mex.]
1025	7-9 [with lists of references; edited by Emanuel M. Roth]. Nov. 1968. (530) n il 4° [Prepared under contract NASr-115 by Lovelace Founda-
1026	 tion for Medical Education and Research, Albuquerque, N. Mex.]
1027	 L.C. card 71-600145 1210. Application of similitude to model design of soil-projectile system [with list of references]; by Katsuyuki Awoshika and William R. Cox. Nov. 1968. cover title, xvi+108 p. il. 4° [Prepared under grant NsG-604 by University of Texas at Austin, Austin, Tex.] Φ Paper, \$3.00. 1211. Applications study of electro-adhesive devices [with list of references]; by Richard P. Krape. Oct. 1968. cover title, ill+86 p. il. 4° Φ Paper, \$3.00.
1028	1211. Applications study of electro-adhesive devices [with fist of references]; by Richard P. Krape. Oct. 1968. cover title, iii + 86 p. il. 4° Φ Paper, \$3.00. L.C. card 75-600146
1029	1220. Discrimination of increases in brightness of hashing beacon [with list of literature]; by R. S. Lincoln, S. Seidenstein, and C. V. Juliano. Oct. 1968. cover title, vii+42 p. il. 4° [Prepared under Contract NAS 1- 6801 by Lockheed Missiles & Space Company, Sunnyvale, Calif.] Φ Paper, 62000
1030	 \$3.00. 1221. Helicopter noise, blade slap: pt. 1, Review and theoretical study [with list of references]; by John W. Leverton. Oct. 1968. cover title, v+53 p. 1. 4^o [Prepared under Contract NGR-52-025-002 by University of South-hampton, England.] Φ Paper, \$3.00.
1031	1222. Space technology transfer and developing initions (with fist of reference), by Peter E. Glaser [and others]. Oct. 1968. cover title, vi+153 p. 4° [Prepared under contract NASw-1649 by Arthur D. Little, Inc., Cam-
1032	1231. Geometric properties of prestressed segmented spherical shell [with bb- liography]; by R. L. Brackett, F. R. Shanley, and L. P. Felton, Nov. 1968. cover title, ix+25 p. II. 4° [Prepared under grant NSG-423 by Uni- versity of California, Los Angeles, Calif. Issued by originator as report of 201 - Depart \$200.
1033	 1232. Certain physical properties and applications of Minhol (with list of references); by H. U. Schuerch. Nov. 1968. cover title, [2] leaves - 64 p. II. 4° [Prepared under contract NAS 7-426 Mod 2, Astro Research Corporation, Santa Barbara, Calif. Issued by originator as report ARC-R-280.] Φ Paper, \$3.00. ΦFor Sale by Clearinghouse. U.S. Department of
	Commerce, Springfield, Va. 22151
	•Sent to Depository Libraries Page 65

NASA contractor report CR (series)-Continued 1236. Compatibility conditions of theory of micromorphic elastic solids [with list of references]; by A. Cemal Eringen, Nov. 1968. iii+16 p. il. 4° [Pre-pared under contract NASw-1589 by Genera] Technology Corporation, Lawrenceville, N.J. Issued by originator as Technical report 8-5.] d Paper 52.00 1034 4 Paper, \$3.00.
1237. Transfert vibration analysis of linear systems using transition matrices [with list of references]; by Anthony Craggs. Nov. 1968. cover title, [1] +24 p. il. 4° [Prepared under grant NGR 52-025-003 by Institute of Sound and Vibration Research. Inversity of Southampton, Southampton, England.] 4 Paper, \$3.00.
1249. Computer mechanization of reentry equations with four degrees of freedom [with list of references]; by R. M. Howe. Dec. 1968. cover title, [1]+12 p. 11.4° [Prepared under contract NASr 54(06) by University of Michigan, Ann Arbor, Mich.] 4 Paper, \$3.00.
1250. On generation of ideal coordinate systems for analysis of optimal trajectories v+18 p. il. 4° [Prepared under contract NASr 54(06) by University of Michigan, Ann Arbor, Mich.] 4 Paper, \$3.00.
1251. On generation of ideal coordinate systems for analysis of optimal trajectories v+18 p. il. 4° [Prepared under contract NASr 54(06) by University of Michigan, Ann Arbor, Mich.] 4 Paper, \$3.00. Ф Paper, \$3.00 1035 1036 1037 SP (series). NAS 1.21: (nos.)
Biology of hard tissue, proceedings of 2d conference [with list of references]; edited by Ann M. Budy, 1968, ix+386 p. il. (Scientific and Technical Information Division, Office of Technology Utilization.) [Sponsored by National Aeronautics and Space Administration Office of Naval Research and New York Academy of Sciences, Held at Pacific Pallsades, Calif. Mar. 6-9, 1966.] Paper, \$1.75. Imm S30-1
Dibectives and goals in space science and applications, 1968; prepared by Office of Space Science and Applications, 1968. [125] p. il. 4° (Scientific and Technical Information Division, Office of Technology Utilization.)
Paper, \$1.50. Imm S30-1
L.C. card 70-600182
Problems and programs on use of submitlimeter waves in space [with list of references]; by Max R. Nagel, 1968. [2]+47 p. il. 4° (Scientific and Technical Information Division, Office of Technology Utilization.)
Paper, \$1.50. Imm S30-1
L.C. card 76-600182
Some fluid mechanical problems related to subsonic and supersonic aircraft, report to NASA Subcommittee on Fluid Mechanics of Committee on Fusion. Office of Technology Utilization.)
Some fluid mechanical problems related to subsonic and supersonic aircraft, report to NASA Subcommittee on Fluid Mechanics of Committee on Fusion. Office of Technology Utilization.)
C. card 77-600144
Application of Division, the supersonic aircraft, a survey [with list of the supersonic Acros NASA SP (series). NAS 1 21 : (nos.) 1038 161. 1039 162. 1040 182 1041 183. mutics [with the recentical information Littless.
p. (Scientific and Technical Information Littless.
Utilization.) + Paper, \$3.00.
L.C. card 77-600144
5056. Application of biogeochemistry to mineral prospecting, a survey [with list of references]. 1968. x+134+[1] p. II. 4° ([Technology Utilization.] [Writen under contract for NASA by Rocketdyne Division of North American Rockwell Corp. Canora Park, Calif.] + Paper, \$3.00.
5057. Selected technology for electric power industry, proceedings of technology utilization conference held at Lewis Research Center, Cleveland, Ohio, Sept. 11-12, 1968 [with list of references]. 1968. 1x+321 p. II. 4° (Scientific and Technical Information Division, Office of Technology Utilization.) + Paper, \$3.00. 1042 Φ Paper, 33.00.
 8010. NASA space vehicle design criteria (environment) : Models of Mars atmosphere, 1967 [with list of references]. May 1968. iii+21 p. il. 4° Φ Paper, 33.00. 1044 L.C. card 73-600140 1045 NASA standard procedures for microbiological examination of space hardware [with list of references]. Oct. 1968 edition. [1968.] cover title, iv+32 p. il. 4° (NHB 5340.1A.) [Cancels NHB 5340.1, Aug. 1967 edition.] * Paper, 40c. • Item 830-F NAS 1.18: M 58/968 NASA technical note TN (series). VASA technical note TN (series). NAS 1.14: D-(nos.)
 D-4116. Effects of simulated space environment on thermal radiation characteristics of selected black coatings, by William R, Wade and Donald J. Progar, Sept. 1967, errata, 1 p. 4° †
 D-4259. Ballistic limit of aluminum plates determined by exploding foil gun technique [with list of references]; by Emilio Afaro-Bou and Robert G. Thomson. Dec. 1967, cover title, [1]+16 p. 11. 4° 4° Paper, \$3.00.
 D-4342. Errata, Approximate relations for laminar heat-transfer and shear-stress functions in equilibrium dissociated air, by Ernest V. Zoby, Apr. 1968.
 D-4536. Investigation of helicopter height-velocity diagram showing effects of density altitude and gross weight [with list of references]; by Robert J. Pegg. May 1968. cover title, [1]+32 p. il. 4° 4° Paper, \$3.00. NAS 1.14 : D-(nos.) 1046 1047 1048 1049 1050

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

JANUARY 1969

1051	D-4655.	Effects of flexibility on lift and pitching-moment characteristics of series of low-aspect-ratio wing-body combinations at transonic speeds [with list of references]; by Robert V. Doggett, jr., and A. Gerald Rainey.
1052	D-4692.	of low-aspect-ratio wing-body combinations at transonic speeds [with list of references]; by Robert V. Doggett, jr., and A. Gerald Rainey. Oct. 1968, cover title, $[1] + 48$ p. il. $4^{\circ} \Phi$ Paper, \$3.00. Mathematical determination of geometrical image aberrations in single- and double-mirror systems [with list of references]; by Martin G. Hurwitz and Hubert F. A. Tschunko. Oct. 1968. cover title, $[1] + 23$ n II. $4^{\circ} \Phi$ Paper \$3.00
1053		p. il. 4° Φ Paper, \$3.00. Low subsolic flight and force investigation of supersonic transport model with variable-sweep wing [with list of references]; by Delma C. Free- man, jr. Nov. 1968. cover title, [1]+82 p. il. 4° [Technical film supplement L-1088 available on request.] Φ Paper, \$3.00.
1054	D-4757.	ences]; by G. Warnecke [and others]. Nov. 1968. iii+94 p. il. 4°
1055	D-4776.	 Φ Paper, \$3.00. Performance and stability characteristics of nitrogen tetroxide-hydrazine combustors [with list of references]; by Martin Hersch. Sept. 1968. cover title, ii+20 p. ii. 4° Φ Paper, \$3.00.
1056		heat-transfer and pressure distributions on spherically blunted 25 balf-angle cope at Mach 8 and angles of attack up to 90° [with list
1057	D-4794.	of references]; by Dennis M. Bushnell, Robert A. Jones, and Jarrett K. Huffman. Oct. 1968, cover title, [1] + 38 p. il. 4° • Paper, \$3.00. Survey of CO ₂ laser development for space applications [with list of ref- erences]; by Thomas R. Lawrence. Sept. 1968, cover title, [1] + 49 p.
1058	D-4799.	 11. 4° Φ Paper, \$3.00. Empirical stagnation-point heat-transfer relation in several gas mixtures at high enthalpy levels [with list of references]; by Ernest V. Xoby. Oct. 1968. cover title, [1]+17 p. ii. 4° Φ Paper, \$3.00.
1059	D-4804.	Effects of reduced airspeed for landing approach on flying qualities of large jet transport equipped with powered lift [with list of references]; by Harold L. Crane, Robert W. Sommer, and Frederick M. Healy, Oct. 1968, cover title, [1]+90 p. il. 4° Φ Paper, \$3.00;
1060	D-4809.	1.60, 2.36, and 2.96 [with list of references] : by Robert L. Weirich and Walter A. Vahl. Oct. 1968. cover title, [1]+135 p. il. 4° Paper,
1061	D-4813.	 \$3.00. Flow-field investigations on X-15 airplane and model up to hypersonic speeds [with list of references]; by L. J. McLain and Murray Palitz. Sept. 1968, cover title, [1]+31 p. il. 4° 4 Paper, \$3.00.
1062	D4816	Small combination sensing probe for measurement of temperature, pressure, and flow direction [with list of references]; by George E. Glawe, Lloyd N. Krause, and Thomas J. Dudzinski. Oct. 1968. cover title, il +17 p. 11. 4° \$\Delta Paper, \$3.00.
1063		 +17 p. 11. 4° Φ Paper, \$3.00. Liquid-vapor interface configurations in toroidal tanks during weightlessness, by Eugene P. Symons and Kaleel L. Abdalla, Oct. 1968, errata. Nov. 26, 1968. 1 p. 4° † Effect on base drag of recessing bases of conical afterbodies at subsonic
1064	D-4821	Effect on base drag of recessing bases of conical afterbodies at subsonic and transonic speeds [with list of references]; by William B. Compton IU. Oct 1968 cover title [11+49.n. 1.4° & Paper, \$3.00.
1065	D-4824	 Effect on base drag of recessing bases of conical afterbodies at subsolic and transonic speeds [with list of references]; by William B. Compton III. Oct. 1968. cover title. [1]+49 p. il. 4° Φ Paper, 33.00. Sliding friction of copper alloys in vacuum [with list of references]; by Jane Jellison, Ronmer Predmore, and C. L. Staugaitis. Nov. 1968 cover title, ill+16 p. il. 4° Φ Paper, \$3.00. Proton-produced defects in n-type silicon [with list of references]; by Roger A. Breckenridge. Oct. 1968. cover title, [1]+26 p. il. 4° Φ Bear \$3.00
1066	D-4830	9. Proton-produced defects in n-type silicon [with list of references]; by Roger A. Breckenridge. Oct. 1968. cover title, [1]+26 p. 11. 4° Φ Paper, \$3.00.
1067	D-4831	Computer experiments on microscopic behavior of one-dimensional plasmas [with list of references]; by Richard H. Weinstein and Belinda H. Adams. Nov. 1968. cover title, [1]+57 p. il. 4° Φ Paper, \$3,00.
1068	D-4832	
1069	D-4833	 Calculated and flight-measured handling-qualities factors of 3 Subsonce jet transports [with list of references]; by Walter E. McNeill. Nov. 1968. cover title, [1] + 30 p. 11. 4° Φ Paper, \$3.00. Mechanical properties and column behavior of thin-wall beryllium tubing [with list of references]; by Donald R. Rummler [and others]. Oct 1968. cover title, [1] + 76 p. 11. 4° Φ Paper, \$3.00. Effects of zinc concentration on output of zinc-doped germanium de- tectors [with list of references]; by Wilfred D. Hesketh. Oct. 1968. [11] + 35 n fl. 4° Φ Paper, \$3.00.
1070	D-4834	 Effects of zinc concentration on output of zinc-doped germanium de- tectors [with list of references]; by Wilfred D. Hesketh. Oct. 1968. [1]+35 p. il. 4°
1071		 Influence of angle of glide slope on accuracy of performing instrument approaches in simulator [with list of references]; by Lindsay J. Lina and George C. Canavos. Nov. 1968. cover title, [1]+42 p. il. 4° Φ Paper, \$3.00.
1072		 Excitation spectrum for bose gas with repulsive and attractive inter- actions [with list of references]; by Gerald V. Brown. Oct. 1968. cover title ii.d Sn ii. 4, d Paper \$3.00
1073		 High-power kinetics of two-dimensional circulating-liquid-metal-fuel re- actor [with list of references] : by Michael J. Kolar. Oct. 1968. cover
1074		 title, 11+51 p. il. 4° Φ Paper, \$3.00. Synthesis of human response in closed-loop tracking tasks [with list of references]; by James J. Adams and Hugh P. Bergeron. Oct. 1968. cover title, [1]+33 p. il. 4° Φ Paper, \$3.00.
1075	D-484	cover title, [1]+35 p. fl. 4° φ Paper, \$5.00. 3. Transonic aerodynamic characteristics of powered models of several Apollo launch-escape vehicle configurations [with list of references]; by Bobby Lee Berrier and Odis C. Pendergraft, jr. Oct. 1968. cover title, [1]+41 p. il. 4° φ Paper, \$3.00.
		∳For Sale by Clearinghouse, U.S. Department of
		Commerce, Springfield, Va. 22151

Commerce, Springfield, Va. •Sent to Depository Libraries

and the second second

	NASA to	echnical note TN—Continued
1076	3 D-4844	 Wind-tunnel investigation of low-speed high-lift aerodynamics of one- fifth scale variable-sweep supersonic transport [with list of refer- ences]; by Anthony M. Cook. Oct. 1968. [1]+124 p. II. 4^o Φ Paper, \$3.00.
1077		Analysis of aeroelastic divergence of two experimental unguided launch vehicles [with list of references]; by Clarence P. Young, ir. Nov. 1968.
1078		b. Prediction of windage power loss in alternators [with list of references]; by James E. Vrancik. Oct. 1968, cover title, ii+18 p. ii. 4°
1079	D-4850	
1080	D-4854	Faligue life of 120-MM bore ball bearings at 600° F with fluorocarbon, polyphenyl ether, and synthetic parafinic base lubricants [with list of references]; by Eric N. Bamberger, Erwin V. Zaretsky and William J. Anderson. Oct. 1968. cover tille, ii+24 p. ii. 4° Φ Paper, \$3.00. Flight tests of direct lift control system during approach and landing [with list of references]; by Joseph W. Stickle, James M. Patton, and Robert C. Henry. Nov. 1968. cover title, [1]+44 p. ii. 4° Φ Paper, \$3.00.
1081	D-4855	 Aerodynamic characteristics of parasol-wing-body combination utilizing favorable lift interference at Mach numbers from 3.00 to 4.63 [with list of references]; by Odell A. Morris and Robert J. Mack. Oct. 1968. cover title, [1]+36 p. ii. 4° Φ Paper, \$3.00. Aerodynamic characteristics of twin-propeller deflected elipstream SHO4.
1082	I)−4856	
1083		 airplane model with boundary-layer control on inverted V-tail [with list of references]; by Richard J. Margason and Garl L. Gentry, jr. Nov. 1968. cover title, [1]+179 p. il. 4° Φ Paper, \$3.00. Iterated commutators and functions of operators [with list of references]; by Howard C. Volkin. Oct. 1968. cover title, ii+15 p. il. 4°
1084		 Critical-speed analysis of rigid rotors on flexible foundations [with list of references]; by Richard II. Cavicchi. Oct. 1968. cover title, i1+44
1085	D-4860.	reactors [with list of references]; by Frank E. Rom, Patrick M.
1086	D_{4} 861	 4° \$\phi\$ Paper, \$3.00. Comparison of information display concepts for landing of VTOL aircraft [with list of references]; by William Gracey. Nov. 1968. cover title, [1]+42 p. il. 4° \$\Phi\$ Paper, \$3.00. Role of chemical reactions in mechanism of comminution of ductile metals into ultrafine powders by grinding. Latthe list of references.
1087		by Alap Arias Oct 1069 Hill of Britaning [with list of references];
1088		Analytic approximations for application to spacecraft optical navigation on short data arcs [with list of references]; by Alton P. Mayo and
1089		Within M. Adams, jr., Nov. 1968. cover title, [1]+30 p. ii. 49 Φ Faper, \$3.00. Analysis of electromagnetic waves on dielectric rod immersed in plasma including discussion of diagnostic applications [with list of refer- ences]: by David L. Wright and Norman C. Wenger. Oct. 1968. cover title, iii+30 p. ii. 4° Φ Paper, \$3.00. Design and preliminary operation of Lovis memory-backwards.
1090	D-4867.	erator facility [with list of references]; by Lester D, Nichols [and
1091		references]; by William P. Gilbreath. Oct. 1968. cover title $[3]+21$
1092	D-4809.	herai-helium hypersonic flow parameters for pressures to 3600 atmos- pheres and temperatures to 15 000°K [with list of references] by Charles G. Miller III and Sue E. Wilder. Nov. 1968. cover title, [1] +41 n il 42° de Paner 82 000
1093		Experimental vibration characteristics of 1/40-scale dynamic model of Saturn V-launch-umbilical-tower configuration [with list of refer- ences]; by John J. Catherines, Nov. 1968. cover title, [1]+73 p. fl.
1094		Vibration analysis of 1/40-scale dynamic model of Saturn V-launch-plat- form-umbilical-tower configuration [with list of references]; by Howard M. Adelman and Earl C. Steeves. Nov. 1968. cover title, [1] ±580 H de Dance 22 000
1095		Lateral vibration characteristics of 1/40-scale dynamic model of Apollo- Saturn V launch vehicle [with list of references]; by Earl C. Steeves
1096	D-4873.	 And John J. Catherines. Nov. 1968. cover title, [1]+43 p. il. 4° Paper, \$3.00. Incompressibly lubricated Rayleigh step journal bearing: 2. Infinite- length solution [with list of references]; by Bernard J. Hamrock and William J. Anderson. Nov. 1968. cover title, li+25 p. il. 4° Paper, \$3.00.
1097	D-4874.	Summary of electrical component development for 400-hertz Bravton energy conversion system [with list of references]; by Charles S. Corcoran and LeRoy J. Yeager. Nov. 1968. cover title, 11+30 p. 11. 40
.098	D-4875,	Influence of surface films on friction and deformation of single-crystal and polycrystalline gold [with list of references]; by Donald H. Buckley, Nov. 1968, cover title, i1+20 p. il. 4° Φ Paper, \$3.00,
		*For Sale by Superintendent of Documents
age	72	[†] Distribution Made by Issuing Office [‡] Official Use. Not Available

1099	D-4876.	[with list of references]; by Robert J. Boyle and Richard H. Knoll.
1100		Thermal analysis of shadow shield and structural members in vacuum [with list of references]; by Robert J. Boyle and Richard H. Knoll. Nov. 1968, cover title, ii+122 p. ii. 4° & Paper, \$3.00. Evaluation of coated molybdenum and columbium alloys in bigh-tempera- ture supersonic air-streams [with list of references]; by Irvin M.
1101	D-4878.	Miller, Nov. 1968, cover title, [1] + 30 p. 11. 4° Φ Paper, \$3.00. Compressive properties and column efficiency of metals reinforced on sur- face with bonded filaments [with list of references]; by George W. Zender and H. Benson Dexter. Nov. 1968, cover title, [1] + 45 p. il. 4°
1102	D-4879.	Zender and H. Benson Dexter. Nov. 1968. cover title, [1]+45 p. 11. 4°
1103		Paper, \$3.00. Experiments on stability of water lubricated herringbone-groove journal
	D 4004	bearings: 1, Theoretical considerations and clearance effects [with list of references]; by Fredrick T. Schuller, Duvid P. Fleming, and William J. Anderson. Nov. 1968. cover title, li+27 p. il. 4° Φ Paper, \$3.00. Effect of size on tensile strength of fine polycrystalline nickel wires [with list of references]; by Lester S. Ruhenstein. Nov. 1968. cover title ii+21 p. il. 4° Φ Paper, \$3.00.
1104	D-4884.	[with list of references]; by Lester S. Rubenstein. Nov. 1968. cover title, ii+21 p. il. 4° Φ Paper, \$3.00.
1105		Absorption rate sticking probabilities for oxygen on columbian and dilute columbium-zirconium alloys [with list of references]; by Charles A Bernett Nov 1068 cover title ii+38 n ii 4° 4° Paper, \$3.00.
1106		Experimental studies on shadow shields for thermal protection of cryo- genic tanks in space [with list of references]; by Richard H. Kholl and Edward R. Bartoo. Nov. 1968. cover title, ii+70 p. il. 4° Φ Paper, 5° 00.
1107		Crystallographic data on selected artificial graphites with comments on role of degree of crystal development in oxidation [with list of refer- ences]; by Howard G. Maahs. Nov. 1968. cover title, [1]+16 p. il. 4°
1108	D-4889.	Calorimetric, optical, and vibration investigations of stretch-formed aluminum solar concentrators [with list of references]; by Marvin D. Rhodes and Conrad M. Willis. Nov. 1968. cover title, [1]+43 p. il. 4°
1109	D-4890.	Φ Paper, \$3.00. Development of sonic-boom signatures in stratified atmosphere [with list of references]; by Raymond L. Barger. Nov. 1968. cover title, [1]+15 p. 11. 4° Φ Paper, \$3.00.
1110	D-4892.	Rotational and vibrational temperature measurements in 12-inch hyper- sonic ceramic-heated tunnel [with list of references]; by John C. Hoppe, Nov. 1968, cover title, [1]+35 p. 14. 4° Paper, \$3.00.
1111		Analysis of commutated networks employing feedback circuits [with list of references]; by Michael T. Borelli. Nov. 1968. cover title, vili+85 p. ii 4 @ Paner. \$3.00.
1112		Nov. 1968. cover title, ix+59 p. il. 4° 4 Paper, \$3.00.
1113		Response envelope, global description of three-axis large-angle space- craft attitude control systems [with list of references]; by George Meyer Nov 1968 cover title, [3]+31 p. ll. 4° Φ Paper, \$3.00.
1114	D-4897	Transient solidification outside cooled pipe with application to solar Brayton heat receiver [with list of references]; by Wellington W. Hu. Nov. 1968. cover title, ii+30 p. il. 4° Φ Paper, \$3.00.
1115		Design and analysis of modular servoramplifier for fast-response electro- hydraulic control systems [with list of references] : by John R. Zeller. Nov. 1968. cover title, il+20 p. il. 4°
1116		Prediction of thermodynamic effects of developed cavitation based on liquid-hydrogen and freon-114 data in scaled venturis [with list of references]; by Royce D. Moore and Robert S. Ruggeri. Nov. 1968. cover title, ii+22 p. il. 4° & Paper, \$3.00.
1117		Analysis of numerical integration techniques for real-time digital flight simulation [with list of references]; by John W. Wilson and George G. Steinnetz. Nov. 1968. cover title, iii+94 p. 11. 4° & Paper, \$3.00.
1118		Resolution changes in lithium-drifted silicon semiconductor detectors irradiated with 0.5, 1.0, 2.0, and 3.0 MeV electrons (with list of refer- ences); by Herbert D. Hendricks and Donald H. Phillips. Nov. 1968. cover title, [1]+30 p. 11. 4°
1119		of references]; by Charles R. Toye. Dec. 1968. cover title, [1]+14 p. i). 4° Φ Paper, \$3.00.
1120		3. Comparison of class of earth-moon orbits with class of rotating Kepler orbits [with one reference]; by R. F. Hoelker and B. P. Winston, Nov. 1968, cover title, [1]+63 p. il. 4° Φ Paper, \$3.00. L.C. card 79-600147
1121		 Mercury cadmium telluride as 1- to 20-micro-meter wavelength infrared detector for space applications [with list of references]; by Richard D. Packard. Nov. 1968. cover title, [1]+15 p. il. 4° Φ Paper, \$3.00.
1122		 Micro lagoon technique for culture and observation of isolated mammalian cells [with list of references]; by Charles D. Cone, jr., and Kathryn H. Padraw Nov 1968 cover title lit+23 n it 4° Paper \$3.00.
1123	D-4907	 Heat-transfer and pressure distributions due to sinusoidal distortions on flat plate at Mach 20 in helium [with list of references]; by James P. Arrington. Nov. 1968. cover title, [1]+47 p. il. 4^o Φ Paper, \$3.00.
		oFor Sale by Clearinghouse, U.S. Department of

Commerce, Springfield, Va. 22151 •Sent to Depository Libraries

the second second

		chnical note TN—Continued
1124	D-4909.	Effects of angle of attack and bluntness on shock-layer properties of 15° cone at Mach number of 10.6 [with list of references]; by Joseph W.
1125	D-4910,	 Cleary, Nov. 1968, cover title, [1] +38 p, il. 4° Φ Paper, \$3.00. High field electromagnets at NASA Lewis Research Center [with list of references]; by James C. Laurence, Nov. 1968, cover title, il+46 p, il. 4° Φ Paper, \$3.00. Heat-transfer and pressure distributions inside hinge-line gap of wedge-flap combination at Mach number 10.4 (with list of reference).
1126	D-4911.	Heat-transfer and pressure distributions inside hinge-line gap of wedge- flap combination at Mach number 10.4 [with list of references]; by J. David Dearing and H. Harris Hamilton. Nov. 1968. cover title, [1] + 55 p. il. 4° • Paper, \$3.00.
1127		Feasibility of producing dispersion strengthened chromium by ball-mill- ing in hydrogen halides [with list of references]; by Alan Arlas.
1128	D-4913.	Calculation of fuel loss from vented nuclear fuel elements for space power reactors [with list of references]; by Richard E. Gluyas. Nov. 1968, cover title (ii) - 26 n ii 4 2 Pares 22.00
1129		phies ; by Jenerson F. Lindsey III. Dec. 1968. cover title, i1+25 p. il.
1130	D-4917.	COMPUTE, time-sharing desk calculator program ; by Paul Swigert. Nov. 1968. cover title, iii+20 p. il. 4° Paper, \$3.00.
1131	D-4918.	Point defect calculations in tungsten [with list of references]; by Ronald L. Danilowicz. Dec. 1968. cover title, li+11 p. il. 4° Φ Paper, \$3.00.
1132		Path of jet directed at large angles to subsonic free stream [with list of references]; by Richard J. Margason. Nov. 1968. cover title, [1]+52 n 11 40 dp Parce 23.00
1133	D4921.	Buckling of equatorial segment of spherical shell loaded by its own weight [with list of references]; by Robert E. Blum and Harrey G. McComb ir Dec 1968 cover title Lill 28 p. dl de Deres 39 00
1134		[with list of references]; by James J. Ward and Robert B. Ruch. Nov. 1968, cover title ii + 18 n ii 49 the Paper 200
1135		[with list of references], by Suzanne T. Weinstein, Nov. 1968. cover fille, 11+21 p. 11.40 d Paner 72.00
1136		Radiometer for use in thermal studies of spacecraft [with list of refer- ences]; by George E. Sweet and Howard B. Miller. Dec. 1968. cover title. [1]+34 p. il. 40 @ Paper 32 00
1137	D-4926.	Design-point performance of double-containment tantalum-and-stainless- steel mercury boiler for SNAP-8 [with list of references]; by James A.
1138	D-4932.	 ii+53 p. ll. 4° • Paper, \$3.00. Elastic scattering of 21-MeV protons from nitrogen 14, oxygen 16, argon 40, nickel 58, and tin 116 [with list of references]; by Norton Baron, Regis F. Leonard, and David A. Lind. Dec. 1968. cover title, ii+23 p. ii. 4° • Paper, \$3.00.
1139		Excited states of barium 136 and barium 134 [with list of references]; by Glenn M. Julian and Theodore E. Fessler. Dec. 1968. cover title, ii +23
1140	D-4934,	Stability analysis for unloaded externally pressurized gas-lubricated bearings with journal rotation [with list of references]; by David P. Fleming, Robert E. Cunningham, and William J. Anderson. Dec. 1968. COVER IT has a place of the second secon
1141		Estimate of supersonic flow field about axisymmetric body with N wave pressure trace [with list of references]; Roger W. Luidens. Dec. 1968.
1142	D –4938.	of references] : by Clarence R. Pierce, Donald F. Shock, and Donald Bogart Dec 1968 cover title ii-100 ii do Porce 2000
1143		ences]; by Robert C. Innis, Curt A. Holzhauser, and Richard P. Gallant Dae 1968 according to the control of the curt A. Holzhauser, and Richard P.
1144	D-4940.	Atmospheric limits on observational capabilities of aerospacecraft [with list of references]; by John C. Evvard. Dec. 1968. cover title, 11+20 p. 11. 4° Φ Paper, \$3.00.
	NASA te	chnical report R (series). NAS 1.12 (nos)
1145	287. Cla	ssical 5, 6, 7, and 8-order Runge-Kutta formulus with stepsize control with list of references; by Erwin Fehlberg. Oct. 1968. cover title, $v + 82$.
1146	292. Seli	Esynchronizing bi-orthogonal coded PCM telemetry system [with list of errences]; by Warner Miller [and others]. Oct. 1968, cover title, $\text{fil} + 25$, $\text{il}, 4^\circ \Phi$ Paper, \$3.00.
1147	293. Con	nbined Newton-Raphson and gradient parameter correction technique for olution of optimal-control problems [with list of references]; by Brnest Armstrong Oct 1968 ever title of a the context of the second
1148	295. Blu s C	nt-body stagnation-region flow with nongray radiation heat transfer, ingular perturbation solution [with list of references]; by Walter B. Mistad, Nov. 1968. cover title, [1]+82 p. il. 4° Φ Paper, \$3.00.
		*For Sale by Superintendent of Documents
Dame	74	Distribution Made by Issuing Office
Page	44	‡Official Use. Not Available

NASA technical translation TT (series).

F-520. Calculation of turbulent boundary layer and of transition on plane plate, by R. Hirsch, Feb. 1968. Errata. [Oct. 25, 1968.] 1 p. 4° 7 NAS 1.13/2: F-520/errata 1149

Opportunities for participation in space flight investigations, NHB 8030.1A, 1150 Change 9, Asteroid/Jupiter missions. June 10, 1968. 6 p. 4° * Paper, \$1.75 (including basic handbook and supplementary material for one year); 50c. additional for foreign mailing. • Item 830-F

NAS 1.18: Sp 1/2/ch.9

Opportunities for participation in space flight investigations, NHB 8030.1A, 1151 memorandum Change 12. Sept. 9, 1968. 2 p. 4° * Paper, \$1.75 (including basic handbook and supplemenary material for one year); 50c. additional NAS 1.18: Sp 1/2/ch.12 for foreign mailing. • Item 830-F

Opportunities for participation in space flight investigations, NHB 8030.1A, 1152 memorandum change 13, Change invites experiment proposals for airborne astronomy missions during 1969. Sept. 12, 1968. 1 p. 4° * Paper, \$1.75 (including basic handbook and supplementary material for one year): 50c. additional for foreign mailing. • Item 830-F

NAS 1.18: Sp 1/2/ch.13

- Opportunities for participation in space flight investigations, NHB 8030.1A, memorandum change 14, Opportunities for experiments for earth oriented applications. Oct. 1, 1968. 2 p. 4° * Paper. \$1.75 (includ-1153 ing basic handbook and supplementary material for one year); 50c. addi-NAS 1.18: Sp 1/2/ch.14 • Item 830-F tional for foreign mailing.
- Phased project planning guidelines, Aug. 1968 edition. [1968.] [45] p. il. 1154 4° (NHB 7121.2.) [Issued with perforations.] * Paper, 75c. • Item NAS 1.18 : P 49 830-F
- 16th semiannual report to Congress, July 1-Dec. 31, 1966. [1968.] xvi+274 1155 p. il. [Text on p. 2 of cover. Also issued as H. doc. 396, pt. 1, 90th Cong. 2d sess.] * Paper, \$1.50. • Item 830-A NAS 11:966-2 L.C. card 59-61976
- 18th semiannual report to Congress, July 1-Dec. 31, 1967. [1968.] xv+243 1156 p. il. [Text on p. 2 of cover. Also issued as H. doc. 396, pt. 3, 90th Cong. 2d sess.] * Paper, \$1.25. • Item 830-A NAS 1.1:967-2 L.C. card 59-61976

NATIONAL AGRICULTURAL LIBRARY, Agriculture Dept. Washington, DC 20250

Library lists. †

A 17.17:(nos.)

- Historic books and manuscripts concerning horticulture and forestry in collection of National Agricultural Library [compiled by Mortimer L. Naftalin]. June 1968. cover title, [2]+106 p. 4° L.C. card Agr 68-195 1157
- Non-urban patterns of land utilization 1963-68 [bibliography; compiled by Betty Baxtresser]. Sept. 1968. iv + 39 p. 4° L.C. card Agr 68-310 1158

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

- Guide to archives of government of Confederate States of America; by 1159 Henry Putney Beers. 1968. ix+536 p. il. ([National Archives publication 68–15.1) * Cloth, \$3.75. • Item 569–B L.C. card A 68-7603 GS 4.6/2: C 76
- National Archives, Washington, D.C. [1968.] [8] p. il. narrow 8° ([Na-1160 tional Archives publication 69–1.]) † • Item 569 GS 4.2: N 21/968 L.C. card A 44-3598

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

Page 75

National Archives microfilm publications : Pamphlet accompanying microcopy. (National Archives.) 1 GS 4.20 : (nos.)

- 514. Records of Department of State relating to internal affairs of Argentina, 1910-1929; [prepared by James E. Primas]. 1968. cover title, 14 p. 1161 1162
- 1910-1929; [prepared by James E. Primas]. 1968. cover title, 14 p.
 687. Letters of application and recommendation during administrations of Martin Van Buren. William Henry Harrison. and John Tyler. 1837-1845; [pre-pared by Carol Blanchard and Judy Tresine. 1968]. cover title, 59 p.
 694. Index to compile service records of volunteer soldiers who served from 1784-1811. 1968. cover title, 3 p.
 695. Records of Department of State relating to internal affairs of Austria-Hungary and Austria. 1910-1929; [prepared by James E. Primas]. 1968.
 720. Alaska file of Screetary of Treasury. 1868-1903; [prepared by Terry W. Good]. 1968. cover title, 5 p.
 732. Interior Department appointment papers: State of California, 1849-1907; prepared by Herman J. Viola. 1968. cover title, 26 p.
 734. Records of Arizona Superintendency of Indian affairs, 1863-1873; [prepared 1163
- 1164
- 1165
- 1166
- 1167
- 1168
- prepared by Herman J. Viola, 1968, cover title, 26 p.
 734. Records of Arizona Superintendency of Indian affairs, 1863-1873; [prepared by Herman J. Viola]. cover title, 7 p.
 738. Telegrams sent by Secretary of Treasury ("XA" series), 1850-1874; prepared by Claudine J. Weiher, 1968, cover title, 3 p.
 740. Records relating to investigation of For Philip Kearney (or Fetterman) massacre, 1866-1867; [prepared by Herman J. Viola], 1968, cover title, 2 p. 1169
- 1170 743. Personal and confidential letters from Secretary of State Lansing to Presi-dent Wilson, 1915-1918; [prepared by Clarence F. Lyons]. 1968. cover title, 2 p.

Preliminary inventories.

GS 4.10:(nos.)

- 170. Preliminary inventory of records relating to international boundaries (record group 76); compiled by Daniel T. Goggin. 1968. viii+98 p. 4" ([National Archives publication 69-2.1) † (Limited distribution), Publications Sales Branch, National Archives and Records Service, Washington, D.C. 20408. D.C. 20408 L.C. card A68-7772
 - 171. Preliminary inventory of records of Solicitor of Treasury (record group 206); compiled by George S. Ulibarri. 1968. vil + 35 p. 4° † ([National Archives publication 69-5.])
 L.C. card A68-7835

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

Monographs.

 Item 247-A

- C 13,44 ; (nos.)
- 70. Microwave spectral tables: v. 4. Polyatomic molecules without internal rotation [with bibliography]: by Marian S. Cord [and others]. Oct. 1968. xli+418+[2] p. 4° [V. 4 concludes present compilation of data under 1952 [Science]. Second Science]. Second Science]. Construction of the second science of t title of Microwave spectral tables, NBS monograph 70, begun in 1953 by Paul F. Wacker, V. 5 published prior to this volume, contains numerical listing of spectral lines given in v. 1, 3-4.] * Cloth, §5.50. L.C. card 63-62235
- 1174 109. Investigations of exploding wire process as source for high temperature studies [with list of references; by Esther C. Cassidy, Stanley Abramo-witz, and Charles W. Beckett. Nov. 1968. iv+50 p. II. 4° * Paper, 55c.
- 1175 National Bureau of Standards films, [Reprinted Oct. 1968 with minor changes.] cover title, 32 p. † C 13.2 : F 48/968-2

National standard reference data series NSRDS-NBS.

- Molten salts: v. 1. Electrical conductance, density, and viscosity data [with list of references: by] G. J. Janz [and others]. Oct. 1968, vi+140+[1] n. il. 4° [Prepared under contract at Molten Salts Data Center; Rensselaer Polytechnic Institute, Troy, N.Y.] * Cloth, \$3.00. Item 248-B C13.48:15
- 1177 Postdoctoral research associateships, 1969, tenable at National Bureau of Standards, Washington, D.C. and Boulder, Colo., in association with National Research Council, National Academy of Sciences, National Academy of Engineering, Washington, D.C. [1968.] v+90 p. il. † • Item 244 C 13.2: R 31/6

Special publication. 1178

299. Neutron cross sections and technology, v. 2, errata. Oct. 22, 1968. 1 p. 4° † Ttem 247 C 13.10: 299/v.2/errata

*For Sale by Superintendent of Documents †Distribution Made by Issuing Office 1Official Use. Not Available

Page 76

1172

1173

1176

JANUARY 1969

	Technical notes. • Item 249–A C 13.46 :	· ·
1179	 456. Analytical Mass Spectrometry Section, summary of activities. July June 1968 [with list of references]: edited by William R. Shields 1968. vi+[1]+47 p. il. 4° * Paper, 55c. L.C. card 77-600184 	s. Nov.
1180	463. Mossbauer effect study of magnetic ordering in copper-rich Cu-Ni-Fe Errata. [Oct. 14, 1968.] 1 p. 24° †	
1181	465. Measurement of carrier lifetime in semiconductors annotated biblio covering period 1949-67; [by] W. Murray Bullis. Nov. 1968. 11+65 (Electronic Technology Division, Institute for Applied Techno	2 p. 4*

* Paper, 60c.

WWV-Fort Collins, Colo., frequency-time broadcast services. [1968.] [4] p. 1 pl. oblong 24° [Plate is separate.] ‡ C 13.2: W 96 1182 C 13.2: W 96

NATIONAL GALLERY OF ART, Smithsonian Institution Washington, DC 20560

Report and studies in history of art, 1967. [1968.] vi+[2]+145 p. il. 4° 1183 • Item 917 Other illustrations on p. 1 and 4 of cover.] * Paper, \$2.00. SI 8.9:967 L.C. card 68-60053

NATIONAL GUARD BUREAU, Defense Dept. Washington, DC 20310

NGB pamphlet.

51-1. Technicians manning criteria, Army National Guard. [Feb. 28, 1968]. Change 2, Sept. 1, 1968. [1968.] [38] p. il. 4° [Issued with perforations.] † ● Item 358 D 12.8: 51-1/3/ch.2

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

- Barnacle cement as dental restorative adhesive [with selective bibliogra-1185 phy]; prepared by Nathan F. Carderelli. May 1968. iv+49 p. il. 4° ([Publication 151]; National Institute of Dental Research.) [Background and summary of study at University of Akron.] † • Item 507 FS 2.22: B 25 L.C. card 68-62805
- Cardiovascular surgery; [prepared by Heart Information Center, National 1186 Heart Institute]. [1968.] cover title, vi+58 p. il. ([Public Health Service publication 1701.]) [Text on p. 2 of cover.] * Paper, 45c. • Item 507 FS 2.22: C 17/7
- Clinical center, current clinical studies and patient referral procedures. 1187 Revised Nov. 1968. [1968.] iv+66 p. narrow 8° (Clinical Center, Bethesda, Md.) [Illustration on front and back cover.] † • Item 507 FS 2.22: C 61/3/968-2 L.C. card 55-60833
- 1188 Communicating by language, reading process, proceedings of Conference on Communicating by Language, Reading Process, Feb. 11-13, 1968, New Orleans, La. [with list of references]; scientific editor James K. Kavanagh. [1968.] xii+228 p. il. 4° (National Institute of Child Health and Human Development.) * Paper, \$1.75. • Item 507 L.C. card 74-600178 FS 2.22: C 73/2
- DHEW obligations to medical schools, fiscal year 1967; [prepared by Rich-1189 ard Giza assisted by Catherine M. Burns]. [1968.] v+140 p. il. oblong 12° (Resources Analysis Branch, Office of Program Planning and Evaluation.) † • Item 507 FS 2.22: Sch 6/2/967 L.C. card 70-600316
- Division of Physician Manpower, its mission and organization. [June 1968.] 1190 [8] p. il. narrow 8° ([Bureau of Health Manpower, Division of Physi-† • Item 507 FS 2.22 : P 56/2 cian Manpower, Information Office.])
- End Results Group, 1967 code manual; [prepared by End Results Section, 1191 National Cancer Institute]. [1968.] cover title, xiv+217 p. 4° [Issued in looseleaf form.] * Paper, \$2.00. • Item 507-H FS 2.22/15: C 64

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

Page 77

1184

The second

1192 3d Far East Symposium on Nutrition, Manila, Philippines, Feb. 14-21, 1967, Australia and South Pacific Commission, Republic of China, India, Indonesla, Japan, Republic of Korea, Malaysia, Pakistan, Republic of Philippines, Kingdom of Thailand, United States, Republic of Vietnam [articles. with lists of references]. [1968.] iv+317 p. il. [Sponsored by Republic of Philippines and United States, National Institutes of Health, Office of International Research, Nutrition Section, Bethesda, Md. Project supported by Advanced Research Projects Agency (Project AGILE, ARPA order 580).] † • Item 507 L.C. card 74-600186

FS 2.22: N 95/3

- 1193 Health research laboratory design [with bibliography], [Aug. 1968.] [3] +83 p. il. 4° ([Public Health Service publication 1807]; Office of Architecture and Engineering, Division of Research Facilities and Resources.) * Paper, \$1.25. • Item 507-H L.C. card 75-600075 FS 2.22/15: L11
- 1194 National Institute of Dental Research, grants and awards, fiscal year 1967 funds; [prepared by National Institute of Dental Research, Reports and Analysis Section]. [1968.] xii+196 p. ([Publication 1798, pts. 1-2, supp. † • Item 507-D A.]) FS 2.22/7: 967/pts.1,2/supp.A
- 1195 National Institutes of Health. [1968.] cover title, 8 p. il. ([Public Health Service publication 81, 1968 supplement.]) † • Item 507 L.C. card 51-61510 FS 2.22: N 21/2/967/supp.
- 1196 NIH library translations index. supp. 4, 1967. [1968.] [3] leaves+39 p. 4° (Translating Unit, Readers Services Section, Library Branch, Division of Research Services.) 1 L.C. card 64-62763 FS 2.22: T 68/2/954-63/supp.4
- 1197 Planning education program for dental hygienists; by Harry W. Bruce, jr. [and others]. [1968.] 55 p. 4° (Bureau of Health Manpower, Division of Dental Health.) [Includes list of reference books and periodicals.] * Paper, 60c. • Item 507-H L.C. card 78-600136 FS 2.22/15: D 43
- 1198 Professional nurse traineeship program. [Revised Aug. 1968.] [1968.] 11 p. (Public Health Service publication 1154-1.) † • Item 507

FS 2.22: N 93/7

- Resources for medical research report. (Resources Analysis Branch, Office of Program Planning and Evaluation.)
 - [Trends in graduate enrollment and Ph.D. output in scientific fields 1960-61 through 1965-66; prepared by Joan E. Rochman]. Oct. 1968, vli+132 p. il. 4^a * Paper, \$1,50. Item 507-U FS 2.22/33:14
- 1200 Status of research in diagnostic radiology, report 1967 [with lists of references]; by Radiology Training Committee of National Institute of General Medical Sciences, [May 1968.] [1]+vi+142 p. 4° + ● Item 507 L.C. card 68-67368 FS 2.22: R 11/2
- 1201 Student loans, health professions student loan program, guide for repayment, deferment, cancellation. [Oct. 1968.] [12] p. narrow 8° † • Item 507-H FS 2.22/15: St 9

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

1202 Guide to MEDLARS services. [Revised Oct. 1968.] [1968.] [2]+22 p. il. 4° ([Public Health Service publication 1694.]) † • Item 508-K L.C. card 79-600139

FS 2 217 : M 46/968-2

NATIONAL MUSEUM, Smithsonian Institution Washington, DC 20560

Bulletins, • Item 919 1203

SI 3.3:(nos.)

280. Revision of Peorlinse and Anerastiinae (auctorum) of America north of Mexico (Lepidoptera: Pyralidae) [with list of literature cited; by] Jay C. Shaffer. 1968. vi+124 p. II. ([Museum of Natural History.]) * Paper, 70c. (incorrectly given in publication as 20c.) L.C. card 70-600174

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

Page 78

- 281. Natural dyes in United States: [with bibliography; by] Rita J. Adrosko. [1968.] vii+160 p. il. 2 pl. [Plates are colored.] * Cloth, \$3.25. L.C. card 70-600039 1204
- 287. Zoological taxa of William Healey Dal [with bibliography; by] Kenneth J. Boss, Joseph Rosewater, Florence A. Ruhoff. 1968. [3] + 427 p. ([Museum of Natural History.]) * Paper, \$2.50. 1205 of Natural History.]) L.C. card 73-600175
- Museum of Natural History, United States National Museum, 1967 annual 1206 report, with list of donors to national collections. 1968. [9]+73-153+ 381–397+xi–lx p. il. [From Smithsonian year, 1967, report of Smithsonian SI 3.1/2:967 Institution for fiscal year 1967.] + SI 3.6: 125/(nos.) Proceedings of National Museum. t • Item 922 1207
- Toceedings of National Museum. † Item 922 S1 3.6; 1257(108.)
 3664. Moore on Hirudinea with emphasis on his type-specimens [with list of literature cited]; by Marvin C. Meyer. 1968. cover title, 32 p. [Includes list of publications by Moore on Hirudinea with taxa described.]
 3665. Bredin-Archbold-Smithsonian biological survey of Dominica: 9. Trichoptera (enddisfiles) of Lesser Antilles [with list of literature cited]; by Oliver S. Flint, jr. 1968. v. 125, cover title, 86 p. il.
 3666. Stomatopod crustacea from West Pakistan [with list of literature cited]; by Nasima M. Tirmizi and Raymond B. Manning. 1968. v. 125, cover title, 48 p. il.
 3668. Genus Pterodrilus (Annelida: Branchiobdellida) [with list of literature cited]; by Perry C. Holt. 1968. cover title, 44 p. ll. 1208
- 1209
- 1210

NATIONAL PARK SERVICE, Interior Dept. Washington, DC 20242

- Boating regulations in national park system. [1968.] cover title, 15 p. nar-row 8° [Reprinted from Federal Register, v. 31, no. 251, Dec. 29, 1966, 1211 Title 36, chap. 1, pt. 3. Text and illustrations on p. 2-4 of cover. * Paper, • Item 656 I 29.9: B 63/968 30c.
- 1212 Casa Grande Ruins [National Monument, Ariz.] [Rev. 1968.] [2] p. il. narrow f° folded into oblong 32° size. * Paper, 10c. • Item 659

I 29.21 : C 26/6/968

- Christiansted National Historic Site, Virgin Islands. [1968.] [2] p. il. 4° 1213 folded into narrow 24° size † • Item 650 I 29.21 : C 46/2/968
- Compilation of administrative policies for historical areas of national park 1214 system. Revised Sept. 1968. [1968.] 116 p. * Paper, 75c. • Item 648-C I 29.9/4: H 62 L.C. card 73-600159
- 1215 Compilation of administrative policies for national parks and national monuments of scientific significance (natural area category). Revised Aug. 1968. [1968.] 138 p. [Title on cover is: Administrative policies for natural areas of national park system.] * Paper, \$1.00. • Item 648-C I 29.9/4: N 21/968 L.C. card 78-600160
- Compilation of administrative policies for national recreation areas, na-1216 tional seashores, national lakeshores, national parkways, national scenic riverways (recreational area category) of national park system. Revised Aug. 1968. [1968.] 108 p. [Title on cover is: Administrative policies for recreation areas of national park system.] * Paper, 55c. • Item 648-C I 29.9/4: R 24/968
- Custer Battlefield National Monument, Mont. [Revised 1968.] [1968.] [2] 1217 p. il. oblong large 8° folded into narrow 24° size. † • Item 650

I 29.21 : C 96/4/968

- Death Valley National Monument, Calif. [1968.] [2] p. il. oblong large 8° 1218 folded into narrow 24° size. † • Item 650 1 29.21: D 34/4/968
- Dinosaur National Monument, Colo. and Utah. [1968.] [16] p. il. narrow 1219 I 29.21 : D 61/968 8° * Paper, 10c. • Item 650
- Fort Laramie [National Historic Site]. [1968.] [2] p. il. oblong 8° folded 1220I 29.21 : F 77 1/968 into narrow 8° size. * Paper, 10c. • Item 650
- Grand Teton National Park, Wyo. [Revised 1968.] [1968.] 1 sheet (with 1221 map on verso), il. fo folded into narrow 8° size and so printed as to number [12] p. [Some illustrations are colored.] * Paper, 15c. • Item I 29.6: G 76/20/968 651

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

- 1222 Guilford Courthouse National Military Park, N.C. [1968.] [2] p. il. oblong 8", folded into narrow 24° size. † Item 650 I 29.21; G 94/4/968
- 1223 Herbert Hoover National Historic Site, Iowa. [1968.] [2] n. il. oblong large 8° folded into narrow 24° size. † ● Item 650 I 29.21: H 41/968
- 1224 Isle Royale National Park, Mich. [1968.] [2] p. il. oblong large 8° folded into narrow 24° size. † • Item 651 I 29.6: Is 4/3/968
- 1225 Lake Mead National Recreation Area, Ariz.-Nev. 1968. 2 p. il. oblong 4°, folded into narrow 24° size. † ● Item 654 I 29.39: L 14/4/968
- 1226
 Organ Pipe Cactus National Monument, Ariz. [1968.]
 [2] p. il. 4° folded into narrow 24° † ● Item 650

 I 29.21 : Or 3/5/968
- 1227 Pea Ridge National Military Park, Ark. [1968.] [10] p. il. narrow 8° † • Item 650 I 29.21 : P 31/968
- 1228 Platt National Park [and] Arbuckle Recreation Area, Okla. [1968.] [2] p. il. large 4°, folded into narrow 24° size. † • Item 651

I 29.6: P 69/6/968

- 1229
 Tonto [National Monument, Ariz.]. [1968.] [8] p. il. narrow 8°
 * Paper, 10c. ● Item 650

 1229
 Item 650
 Item 650
- 1230 Yellowstone National Park, Wyo., Mont. [and] Idaho. [Revised 1968.]
 [1968.] [2] p. il. oblong large 8° folded into narrow 24° † Item 651 I 29.6: Y 3/23/968

NATIONAL RAILROAD ADJUSTMENT BOARD Washington, DC 20572

 First division, v. 157, awards 20849–20930. Keenan Printing Company, Law Printers, Chicago, Ill. [1968.] 1+[977] p. † National Railroad Adjustment Board, 39 South LaSalle Street, Chicago, Ill. 60602 (Price upon application). L.C. card 36–26211

RA 1.7:157

NATIONAL SCIENCE FOUNDATION Washington, DC 20550

Human dimensions of atmosphere [papers, with bibliographies]. Feb. 1968.
 vi+174 p. il. ([NSF 68-18.]) [Includes list of references in footnotes.]
 * Paper, \$1.50. • Item 834-C
 L.C. card 72-600105

NS 1.2: At 6

 1233 Research and development in industry, 1966, final report on survey of R&D funds, 1966, and R&D scientists and engineers, Jan. 1967. [1968.] viii+ 134 p. il. 4° (Surveys of Science Resources series; NSF 68-20.) [Prepared in cooperation with Census Bureau, Commerce Dept.] * Paper, \$1.25. Item 834-T L.C. card 76-600315

NS 1.22: In 2/966

1234 Scientific activities at universities and colleges, 1964, final report on survey of 1964 financing and Jan. 1965 employment in sciences and engineering; [prepared in Office of Economic and Manpower Studies]. [1968.] xiv+96 p. il. 4° [Surveys of science resources series; NSF 68-22.)
* Paper, \$1.00. • Item 834-T L.C. card 73-600183

NS 1.22 : C 68/3/964

NATIONAL TRANSPORTATION SAFETY BOARD, Transportation Dept. Washington, DC 20590

1235 National Transportation Safety Board, annual report to Congress, 1967. [1968.] vi+50 p. † L.C. card 68-61690

TD 1.101:967

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

JANUARY 1969

NAVAL FACILITIES ENGINEERING COMMAND, Defense Dept. Washington, DC 20360

Definitive designs for naval shore facilities, pt. 1, v. 1 and 2, Change 6; Sept. 1968. [1968.] [74] leaves il. oblong f° (NAVDOCKS P-272 (1), Change 6.) [Includes publications transmittal. Issued in looseleaf form.] 1236 D 209.14 : D 46/pt. 1/v. 1, 2/ch. 6 * Paper. \$3.50. • Item 418–A

Design manual DM (series). [Issued in looseleaf form.]

[Maintenance facilities], changes 1 and 2, Jan.-June 1968. [105] p. il. 4° (NAVFAC DM-28, [change 1, Apr. 1968.]) [Cancels and supersedes NAVDOCKS DM-28, Nov. 1961 and Feb. 1962 and all changes 1-4, Dec. 1962-Feb. 1965.] [‡] Item 418-A D 209.14/2:28/2/ch. 1, 2

NAVAL OCEANOGRAPHIC OFFICE, Defense Dept. Washington, DC 20390

	Public	ations. • Item 378 (Rev. 1957) D 203.22:(nos.)
1238	14.	Change 6, Nov. 9, 1968, loose leaf change pages for correcting Sailing di- rections for Newfoundland, 8th edition, 1958. [1968.] [202] p. il. 4° [Formerly no. 73. Includes list of effective pages.] † Paper, 35c.
1239	31.	Change 11, Nov. 9, 1968, loose leaf change pages for correcting Salling di- rections for south coast of England, 4th edition, 1952. [1968.] [116] p. i. 4 • [Formerly no. 144. Includes list of effective pages.] † Paper, 35c.
1240	38.	Change 13, Sept. 28, 1968, looseleaf change pages for correcting Salling directions for Bay Of Biscay, 5th edition, 1951. [1968.] [156] p. il. 4° [Formerly no. 133. Includes list of effective pages.] † Paper, 35c.
1241	41.	Change 7, Sept. 28, 1968, loose leaf change pages for correcting Salling direc- tions for Kattegat and The Sound, 1st edition, 1956. [1968.] [207] p. il. 4° [Formerly no. 141A. Includes list of effective pages.] † Paper, 35c.
1242	70.	Change 11, Sept. 21, 1968, loose leaf change pages for correcting Salling di- rections for Malacca Strait and Sumatra, 4th edition, 1951. [1968.] [267] p. fil. 4° [Includes list of effective pages.] † Paper, 35c.
1243	78.	Change 11, Sept. 28, 1968, loose leaf change pages for correcting Salling directions for New Zealand, 3d edition, 1952. [1968.] [193] p. il. 4° [Formerly no. 166. Includes list of effective pages.] † Paper, 35c.
1244	80.	Change 11, Oct. 12, 1968, loose leaf change pages for correcting Sailing di- rections for Pacific Islands, v. 3, 6th edition, 1952. [1968.] [155] p. il. 4° [Formerly no. 166. Includes list of effective pages.] † Paper, 35c.
1245	112.	Change 19, list of lights and fog signals, Western Pacific and Indian Oceans including Persian Gulf and Red Sea; Oct. 19, 1968. [1968.] [131] p. 4° [Includes list of effective pages and Notice to mariners 42, 1968. Issued in looseleaf form.] † Paper, 50c.
1246	115.	Change 15, Oct. 5, 1968, List of lights and fog signals, Norway, Iceland, and Arctic Ocean. 1968, [82] p. 11. 4° [Includes list of effective pages and Notice to mariners 40, 1968. Issued in looseleaf form.] † Paper, 50c.
		NAVAL PERSONNEL BUREAU, Defense Dept. Washington, DC 20390

- 1247 Aviation support equipment technician 1 & C [with reading list; prepared by Training Publications Center, Memphis, Tenn.]. [1968 edition.] [1968.] cover title, iv+330 p. il. 4° (Navy training course; NAVPERS 10321.) ‡ • Item 404 L.C. card 74-600005 D 208.11: Av 5/46
 - Blueprint reading and sketching; [prepared by Training Publications Division, Naval Personnel Program Support Activity]. [Original edition
- 1956, revised 1968.] [1968.] iii+157 p. il. 1 pl. 4° (Navy training course; * Paper, \$1.25. • Item 404 D 208.11 : B 62/968 NAVPERS 10077-C.) I.C. electrician 1 & C [with reading list; prepared by Training Publications 1249
- Division, Naval Personnel Program Support Activity]. [Original printing 1958, revision 1968.] [1968.] cover title, iv+203 p. il. 4° (Navy training course; NAVPERS 10557-C.) \ddagger • Item 404 L.C. card 63-61238 D 208.11 : El 2/11/968
- Leadership support manual. [1968.] cover title, [193] p. il. 4° (NAVPERS 1250 D 208.6/3: L 46/2/968 15934B.) * Paper. \$2.00. • Item 403-A

1251 List of training manuals and correspondence courses. July 1968. [1]+iii (NAVPERS 10061-AB.) [Revised semiannually.] +52 p. 4° • Item 401-A L.C. card 59-60829 D 208.15 : T 68/968

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

Page 81

1937

1252 Personnelman 3 & 2; [prepared by Training Publications Division, Naval Personnel Program Support Activity]. [Original edition 1958, revised 1968.] [1968.] cover title, iv+380 p. il. 4° (Navy Training course, NAVPERS 10254-B.) ‡ • Item 404 L.C. card 79-600076

D 208.11 : P 43/4/968

1253 Supplement to NAVPERS 93826, catalog of programmed instructional material. July 1968. [105] p. 4° (NAVPERS 93826-2.) [Issued in looseleaf * Paper, \$1.25. • Item 401-A form.] D 208.15 ; P 94/2/supp.2

NAVAL RESEARCH OFFICE, Defense Dept. Washington, DC 20390

1204	1967 annual	report, Naval	Research	Laboratory	E1968 1	iv.1.100 p. ;	1 .10 .	2
	LC. card	63-61578			[x000*]			
						D 210 17	/Z:967	Ĺ

Naval Training Device Center, Orlando, Fla.: Technical report NAVTRADEVCEN (series). D 210.14:(nos.)

 NAVTRADEVUEN (series). ‡ D 210.14:(nos.)
 67-C-0034-1. Pilot performance, transfer of training and degree of simulation, 3: Performance of non-jet experienced pilots versus simulation fidelity [with list of references; by] N. C. Ellis [and others]. Aug. 1968, cover title, vii+65+[2] p. il. 4° (Life Sciences, Inc., Fort Worth, Tex.; contract N61339-67-C-0034.) [Text on p. 2 of cover. Abstract cards inserted.]
 67-C-0114-2. Study of training equipment and Individual differences, effects of subject matter variables (supplementary report) [with list of references; by] G. Kasten Tailmadge, James W. Shearer, Aug. 1968, cover title, iv+22+[2] p. il. 4° (American Institutes for Research in Heavioral Sciences, Palo Alto, Calif.; contract N613 39-67-C-0114.) [Text on p. 2 of cover. Accompanied by abstract cards.] 1255 1256

		abarace cards, j
	NRL	reports. (Naval Research Laboratory.) D 210.8 · (nos.)
1257	6699.	Biophysical studies of microbial cell walls: pt. 1, Preparation of isolated cell walls [with list of references; by] R. A. Neihof and W. H. Echols. June 19, 1968. cover title, ii+30+[4] p. il. 4° (INRL problem COS-21.101, project RR 001-01-42-4757 b Parate 2000.
.258		10 and 200 of temperature below 1 K by adhabatic demagnetization of 50° Ce (POa) a-Ba (POa) $_2$ glass [with list of references, by] Edwin Lewis Althouse, July 15, 1968. cover title, $11+42+[4]$ p. il. 4° ([NRL problem PO5-02, project RR 002-10-45-5051.]) Φ Paper, \$3.00. (AD 673525).
.259		Characteristics of improved inert-cathode/magnesium-anode sea-water battery [with list of references; by] B. J. Wilson, June 11, 1968, cover title, i+22+[4] p. il. 4° (INRL problem E01-06, project alr A37-533- 096/652-1/F 101-13-01.])
260		Note: ducting properties of SM-1A reactor pressure vessel following in- place annealing operation [with list of references; by] Uldis Potapovs, J. Russell Hawthorne, and Charles Z. Serpan, ir. May 21, 1968, cover title, 11+28+[4] p. 11. 4° (INRL problem M01-14, projects USA-ERG- 3-67 and USA-ERG-19-66 1) & Pupper 22.06 (AD, projects USA-ERG-
261		Growth of other mins in high-temperature aqueous environment: pt. 1. Growth characteristics of iron oxide films generated in dilute Lifthium Hydroxide solution at 300°C (with list of references; by] John B. Moore, jr. and Robert L. Jones. June 19, 1968. cover title, $ii+18+[4]$ p. II. 4° (INRL problem C05-22, project RR 010-01-45-4758.]) Φ Paper, \$3.00 (AD 673401).
262		Measurement of atmospheric dewpoint from aircraft [with list of refer- ences; by] Robert E. Ruskin, June 12, 1968, cover title, il+14+[41] p. Il. 4° (INRL) problem A03-14, project A37-540-000/652-1/R004- 02-01.]) Φ Paper, \$3.00 (AD 673398).
263		Superconducting lead pressure contacts [with list of references; by] E. E. King and P. L. Peterson. June 19, 1968. cover title, $ii+20+[4]$ p. ii. 49 (INRL problem E01-01, project RR 010-04-41-5950.]) ϕ Paper, \$3.00
264		Toples in electron scattering and nuclear models, notes on lectures given at NR. in fall of 1966 [with list of references; by] H. Uberall, July 31, 1968. cover fitle, ill+78+[4] p. il. 4° ([NRL problem H01-09, project RR 002-06-41-5005.1] @ Paper, \$3.00 (AD 676307).
265		Preservative-lubricant for small arms [with list of references; by] H. R. Baker, R. N. Bolster, and V. G. FitzSimmons. June 11, 1968. cover title, $11 + 22 + 14$] p. ll. 4 ([NRL problems CO2-07 and CO2-12, projects RR 001-01-43-4752, A 32-523-073/652-1/F 020-03-01.]) Φ Piper, \$3.00
266	6735.	Pressure effects on friction coefficients of thin-film solid lubricants [with list of references; by] R. C. Bowers and W. A. Zisman, July 22, 1968, cover title, ii+24+14] p. 11. 4° ([NRL problem C02-03, project RR 007-08-44-5501.])

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

Page 82

Ŧ

1:

1:

1267

6741. Wear and friction studies of neopentyl polyol ester lubricants [with list of references; by] R. C. Bowers and J. M. Hall. Aug. 23, 1968. cover title, li+26+[4] p. li. 4° (INRL problem C02-03.101, project RR 007-08-44-5501,])
Paper, \$3.00 (AD 676200).
6747. Thermal stability of ethylene-dinitroletetracetic acid and its salts; pt. 2, Rate of decomposition in aqueous solution determined by NMR techniques [with list of references; by] D. L. Vnezky and W. B. Moniz. Aug. 30, 1968. cover title, li+16+[4] p. ii. 4° (INRL problems C 04-04 and C 07-04, projects RR 001-02-43-4801 and RR 001-01-43-4806.])
Paper, \$3.00 (AD 676733).
6767. Density-gradient column as tool for measuring sea water density [with list of references; by] John D. Bultman and John M. Leonard. Sept. 20, 1968. cover title, i+10 p. 4° (INRL problem G 04-01, project RR 104-03-41-5503.])
Paper, \$3.00 (AD 677032).
6763. Plate materials of lead-acid cell; pt. 4. Anodic oxidation of three representative oxides [with list of references; by] John D. Bultman 20, 1940. cover title, i+14 p. ii. 4° (INRL problem C 05-14, projects SK 103-06-03-4366 and RR 001-01-43-4755.]
Paper, \$3.00 (AD 677033). 1267A

1268

- 1269
- [This entry number not used.] 1270

NAVY DEPARTMENT, Defense Dept. Washington, DC 20350

- 1271 Guide manual for reliability measurement program. May 15, 1968. cover title, [128] p. il. 4° (NAVWEPS OD 29304; [contracts NOsp 64020-f (FBM); NOsp 65052-t(FBM)].) [Published by direction of Director, D 215.6/2 : R 27 • Item 409–A * Paper, \$2.00. Special Projects.]
- 1272 Statistical exposition of guide manual for reliability measurement pro-gram; [prepared by D. Rubinstein of General Electric Company]. Nov. 15, 1967. cover title, [59] p, 4° (NAVORD OD 29304; [contract NOsp 65052-t(FBM).] [Published by direction of Director, Special Projects.] * Paper, 45c. • Item 409–A D 215.6/2: R 27/add. L.C. card 70-600131

OIL AND GAS OFFICE, Interior Dept. Washington, DC 20240

1273 Emergency operations guide for natural gas transmission and distribution industry, Oct. 1967; prepared by Emergency Advisory Committee for Natural Gas. [1968.] 52 p. il. map, oblong 8° ([FG-F 3.44.]) [Map is colored.] † • Item 657-C (special offer) I 64.8: Em 3 L.C. card 77-600141

> OUTDOOR RECREATION BUREAU, Interior Dept. Washington, DC 20240

Education and outdoor recreation [with selected bibliography]. Aug. 1968. 1274 [4] leaves+47 p. il. 4° * Paper, 75c. • Item 657-B-1 I 66 2. Ed 8/2 L.C. card 77-600089

PATENT OFFICE, Commerce Dept. Washington, DC 20231

Administering the international search, text of address prepared for deliv-1275 ery by Edward J. Brenner, Commissioner of Patents, before Interindustry conference of National Association of Manufacturers, Paris, France, Oct. 16, 1968. 1968. 10 p. 4° † C 21.20: B 75/21

Classification definitions. (Office of Examining and Documentation Con-C 21.3/2:(nos.) trol.) [Issued with perforations.] • Item 252

1276

1277

1278 1279

11. Books, making. Revision 1. Oct. 1968. [4] p. 4° [Original classification by L. W. Worrell.] + Paper, 10c.
class 111. Planting. Revision 1. Sept. 1968. [3] p. 4° [Original classification, W. D. Shoemaker, 1917.] + Paper, 25c.
class 125. Stone working. Revision 1. Oct. 1968. [8] p. 4° [Original classification, W. D. Shoemaker, 1918.] + Paper, 10c.
class 142. Wood turning. Revision 1. Sept. 1968. [9] p. 4° [Original classification, G. R. Ide, 1896.] + Paper, 10c.
class 145. Woodworking tools. Revision 1. Sept. 1968. [14] p. 4° [Original classification, J. E. Hubbell, 1900.] + Paper, 25c. 1280

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

329-557-69----7

	Classificat	tion definitions—Continued
1281	class 147.	Coopering Revision 1 Oct 1000 following
12 82	class 149.	Explosives and thermin compositions on the second
1283		per 25c [Pa-
1203	class 168.	Farriery; revised by Office of Examining and Documentation Control. Revision 1, Oct. 1968, [2]+1+3 p. 4 ^o [Original classification by F. C. Skinner.] † Paper, 10c.
1284	class 175.	Boring or penetrating the earth. Revision 1. Oct. 1968. [2]+4+69 p. ⁴⁰ [Original classification by R. J. Chmiel and others.] † Paper, 75c.
1285	class 187.	Elevators, Revision 1, Sent 1988 [181 p. 40 [Original and and
1286		Type casting, Revision 1 Oct 1968 (111) - 46 10 11 1
1287		Dispensing Revision 1 Oct 1968 [1901 n to tout in the
1288		Severing by tearing or breaking Bendelon 1 Oct 1920
1289		25c. 25c. Parsen and others, 1959.] † Paper,
1209	class 226,	Advancing material of indeterminate-length. Revision 1. Nov. 1968. [42] D. II. 4º [Original classification by H. A. Kilby and others, 1960.] † Paper, 50c.
1290	class 233.	Centrifugal-howl separatory Powision 1 No. 1000 tor
1291	class 234.	inal classification by C. L. Blake, 1915.] † Paper, 10c. Selective cutting (e.g., punching). Revision 1. Nov. 1968. [36] p. il. 4° [Original classification by K. C. Peck and E. B. Graniewski, 1960.] † Paper, 25c.
1292	class 239.	Fluid sprinkling, spraving and diffusing Register 1 Start 1000 store
1293	class 243.	Pneumatic dispatch ; revised by Office of Examining and Documentation
1294	class 301.	Land vehicles, wheels and axles; revised by Office of Examining and
1295	class 334.	Tuners, Revision 1 Oct 1968 [31 Hittey.] Paper, 250
1296	class 350.	Optics, systems and elements Pavision 1 Sant 1000 room
1297	class 351.	Optics, eve examining vision testing and others, 1966.] † Paper, 75c.
		† Paper, 50c. [Original classification by S. B. Pritchard.]
1298	Future of c	omputer programs in United States Patent Office, text of address
	Dy Luwa	TU J. Drenner, Commissioner of Patonta bofoso desant
	IGW THE	Trule of George Wasnington University Washington D.G.
1000	Oct. 22, 1	1968. 1968. 15 p. 4° † C 21.20 : B 75/22

 1299
 Q & A about patents, answers to questions frequently asked about patents. [1968.] 14 p. il. † ● Item 254
 C 21.2 : P 27/9/968

POST OFFICE DEPARTMENT Washington, DC 20260

- Address by Postmaster General W. Marvin Watson at dedication of American Indian (Chief Joseph) commemorative stamp, National Portrait Gallery, Washington, D.C., Nov. 4, 1968. 1968. 9 leaves, 4° (Information Service, General release 222.) † P1.27; W 33/18
- 1301 Address by Postmaster General W. Marvin Watson at dedication of Franklin Delano Roosevelt Postal Station, New York, N.Y. Oct. 31, 1968. [1968.]
 15 leaves, 4° (Information Service; General release 220.) †

P 1.27 : W 33/13

- Address by Postmaster General W. Marvin Watson at John Trumbull American painting commemorative postage stamp ceremony, New Haven, Conn., Oct. 18, 1968. 1968. 8 leaves, 4° (Information Service; General release 210.) † P 1.27: W 33/15
- Address by Postmaster General W. Marvin Watson, briefing for industry, Washington, D.C., Oct. 16, 1968. 1968. 8 leaves, 4° (Information Service; General release 209.) † P 1.27: W 33/14

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

[Commemorative stamp posters.]

Norg.—Commemorative stamp posters, which will be issued irregularly, are avail-able on a subscription basis from the Superintendent of Documents, \$1.50 a yr.; 50c. additional for foreign mailing.

- 13-cent Human Rights Year commemorative aerogramme, first placed on sale at Washington, D.C., Dec. 3, 1968. 1968. 10.5 x 8 in. P 1.26/2: H 88/2 1304
- Directory of post offices (with ZIP codes). [July 1968.] xv+488 p. ([Pub-lication 26; Bureau of Operations.]) [Revised annually. Last page left blank for notes.] * Paper, \$3.75. Item 839 1305 P 1.10/4:968 L.C. card 55-61389

Facilities handbook, series S.

- actitites nanobook, series 5. 14. Vehicle maintenance at non-personnel offices. Sept. 13, 1968. [19] p. il. 4° 14. Vehicle maintenance at non-personnel offices. Sept. 13, 1968. [19] p. il. 4° Item 843 [Includes Transmittal letter 16. Issued in looseleaf form.] ↑ Item 843 P1.31/3:14/2/trans.16 1306
- Remarks by Postmaster General W. Marvin Watson at Joe Poole Postal 1307 Station Renaming Ceremony, Dallas, Tex., Oct. 21, 1968. 1968. 3 leaves, P 1.27 : W 33/16 (Information Service; General release 211.) + 40
- Remarks by W. Marvin Watson, Postmaster General at dedication of new 1308 post office, Rosebud, Texas, Oct. 27, 1968. 1968. 3 leaves, 4° (Information Service; [General] release 214.) +
- Supplement to 1968 National ZIP code directory, [1968,] iii+90 p. 4° (POD 1309 publication 65, supplement 1.) [Changes effective through July 1, 1968.] * Paper, 70c. • Item 839 P 1.10/8:968/supp.1 L.C. card 66-60919

PRESIDENT OF UNITED STATES Washington, DC 20501

- A day in the life. [1968.] [8] p. il. ([President's Council on Youth Oppor-tunity.]) † President's Council on Youth Opportunity, 801 19th Street, 1310 N.W., Washington, DC 20506. • Item 851-J Pr 36.8 : Y 8/L 62
- Guidebooks for handicapped travelers; compiled by Women's Committee, 1311 President's Committee on Employment of the Handicapped. [1968.] [2] +14 p. il. † President's Committee on Employment of the Handicapped, 7131 Department of Labor Building, Washington, DC 20210

PrEx 1.10/8: T 69

Hearings before National Commission on Urban Problems.

- v. 5. Detroit, East St. Louis, St. Louis [and] Washington, D.C., Oct. 1967. [May 1968.] x+[1]+499 p. * Paper, \$2.00. Item 851-J L.C. card 68-60024 Pr 36.8: Ur 1/2/H 35/v.5 1312Pr 36.8 : Ur 1/2/H 35/v.5
- Minutes, annual meeting, President's Committee on Employment of the Handicapped, Washington, D.C., May 2 and 3, 1968. [1968.] cover title, 1313 iii+49 p. il. 4° † President's Committee on Employment of the Handi-capped, 7131 Department of Labor Building, Washington, DC 20210 • Item 766-C

L.C. card L 65-95

1315

PrEx 1.10: M 66/968

- National Commission on Urban Problems: Research reports. • Item Pr 36.8: Ur 1/2/R 31/(nos.) 851-J
- More than shelter, social needs in low- and moderate-income housing; by George Schermer Associates, 1968. xi+213 p. 4° [Text on p. 2-3 of cover.] 8. 1314 Paper, \$1.75. .C. card 71-600074

- 1316
- L.C. card 71-600074
 Housing conditions in urban poverty areas; by Allen D. Manvel. 1968. iv+21 p. 4° * Paper, 35c. [Illustration on front cover.] L.C. card 71-600137
 Zoning controversies in suburbs, 3 case studies; by Raymond and May Associates. 1968, v+82 p. 11. 4° * Paper, 75c. L.C. card 79-600068
 Three land research studies: Trends in value of real estate and land, 1956-66, Land use in 106 large cities, by Allen D. Manvel; Estimating California land values from independent statistical indicators, by Robert H. Gustafson and Ronald B. Welch. 1968, vi+72 p. 4° [Text on p. 2 and 3 of cover. Hlustration on cover.] * Paper, 70c.
 Legal remedies for housing code violations; by Frank P. Grad. 1968. vii+264 p. 4° [Text on p. 2-3 of cover.] * Paper, \$2.00. L.C. card 77-600192 1317
- 1318

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

1319 Remarks of Harold Russell, Chairman, President's Committee on Employment of the Handicapped, before Conference of State Supervisors of Services to the Handicapped, New Orleans, La., Oct. 24, 1968. 1968. 11 leaves, 4° (President's Committee on Employment of the Handicapped.) † President's Committee on Employment of the Handicapped, 7131 Department of Labor Building, Washington, DC 20210

PrEx 1.10/2: R 91/6

Seriously handicapped and voluntary health agency, proceedings of panel 1320 discussion, annual meeting, May 2-3, 1968. [1968.] cover title, [1]+43 p. il. 4 (President's Committee on Employment of the Handicapped.) † President's Committee on Employment of the Handicapped, 7131 De-partment of Labor Building, Washington, DC 20210 • Item 766-C

PrEx 1.10 : H 19/2

1321 To deepen our commitment, Human Rights Year 1968 [interim report]. [1968.] iii+39 p. il. ([President's Commission for observance of Human Rights Year 1968.]) * Paper, 30c. • Item 851–J L.C. card 70-600134

Pr 36.8: H 88/C 73

PRISONS BUREAU, Justice Dept. Washington, DC 20537

National prisoner statistics, NPS bulletin.

- 1322
- Prisoners in State and Federal institutions for adult felons, 1966. Aug. 1968. [2]+35 p. il. 4° [Note, 1 p. oblong 24°, issued also.] † L.C. card 29-26780 J 16.23:43

PUBLIC DOCUMENTS DIVISION, Government Printing Office Washington, DC 20402

- For the reader on your holiday gift list. [1968.] [2] p. narrow f°, folded into 1323 oblong 48° size. † • Item 552 GP 3.22: G 36/968
- 1324 Government Printing Office bookstores. [1968.] [16] p. il. +• All depositaries GP 3.2: B 64/968
- 1325 List of classes of United States Government publications available for selection by depository libraries. Revised Oct. 1, 1968. [1968.] 26+[1] leaves, 4° † • All depositories GP 3.24:968
- Price list PL (series). † Item 554 GP 3.9:(nos.) Army field manuals and technical manuals; Nov. 1968. 56th edition. [1968.]
 [21+12 p.
 L.C. card 26-26487 1326
- 1327 67. Immigration, naturalization, and citizenship; Nov. 1968. 48th edition. [1968.] [2]+4 p. L.C. card 26-26387
- 1328 Children's Bureau and other publications relating to children and youth; Nov. 1968, 47th edition [1968.] [2] + 14 p. L.C. card 26-26175
- 1329 Homes, construction, maintenance, community development; Nov. 1968. 45th edition. [1968.] [2] + 20 p. L.C. card 26-26472

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

1330 Births of United States citizens abroad, reports received in 1965. [1968.] vi+16 p. 4° ([Publication 1775]; National Center for Health Statistics.) * Paper, 20c. • Item 508 L.C. card 68-62922

FS 2.102 : B 53/9

- 1331 43d conference of State sanitary engineers, report of proceedings [National Center for Radiological Health in Rockville, Md.], June 10-14, 1968 and 1968-69 committee programs. [1968.] [1]+ii+193 p. il. 4° ‡ • Item 494-A FS 2.83/4:968
- 1332 Consumer Protection and Environmental Health Service. [1968.] 9+[1] p. il. narrow 8° ([Publication 1872.]) † • Item 485 FS 2.2 : C 76/6

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

Environmental health series: Urban and industrial health (Bureau of Disease Prevention and Environmental Control, National Center for Urban and Industrial Health, Cincinnati, Ohio.)

1333

U1H-11. Water surfactant no. 3, study number 32, report of study conducted by Analytical Reference Service; (by] Raymond J. Lishka and John H. Parker, 1968, xv+46 p. il. ([Publication 999-U1H-11.) [Ab-stract cards attached.] ↑ ● Item 483-F FS 2.300; U1H-11

• Item 486 FS 2.50/3:(nos.) Federal employee health series. Health services for Federal employees, prospectus [with list of recommended reading]. [1968.] vi+10 p. 4° ([Publication 1852; Division of Federal Employee Health.]) * Paper, 25c.
 Isles of Langerhans. [1968.] [6] p. il. narrow 8° ([Publication 1848; Division of Federal Employee Health.]) †

1334

Grants to States for public health services, sec. 314(d) Public Health 1336 Service act, policy statement, July 1, 1968. [1968.] [5]+16 p. 4° (Health Services and Mental Health Administration, Office of Comprehensive Health Planning.) [Issued with perforations.] † • Item 485

FS 2.2 :G 76/3/968

Hospital and medical facilities series (Hill-Burton program); [Category D], Design-equipment. (Division of Hospital and Medical Facilities, Architectural and Engineering Branch.)

1337

D-25. Electronics for hospital patient care [with bibliographies; by Noyce L. Griffin]. [1968.] cover title, ix+[1]+66 p. il. 4° ([Publication 930-D-25.]) [Supersedes Public Health Service publication 930-D-12, Electronic and related electrical equipment in hospitals.] * Paper, 70c.
 Item 486-D

Hospital and medical facilities series, facilities for mentally retarded : Reports analysis.

- June 30, 1967. [Revised June 1968.] [1968.] cover title, vi+45 p. 4° ([Publication 1181-I-1; Division of Hospital and Medical Facilities, Pro-gram Planning and Analysis Branch.]) * Paper, 40c. If the 486-D FS 2.74/5: I-1/2 1338
- Laboratory methods in anaerobic bacteriology, NCDC laboratory manual 1339 [with bibliographies; by] V. R. Dowell, jr., and T. M. Hawkins. [June 1968.] iii+33 p. il. 4° ([Publication 1803]; National Communicable Disease Center, Atlanta, GA.) * Paper, \$2.25. • Item 505-A

FS 2.60/7: An 1

List of publications issued by Public Health Service, Jan.-June 1968. [1968.] 1340 FS 2.24/2:968 5 p. 4° (OM-1899.) † • Item 481–A

National Air Pollution Control Administration publication, AP (series). (Consumer Protection and Environmental Health Service.)

FS 2.93/3: (nos.)

- 45. Thanksgiving 1966 air pollution episode in Eastern United States [with bibliographies; by] Jack C. Fensterstock and Robert K. Fankhauser. July 1968.
 v+45 p. 11. † Office of Technical Information and Publications, National Air Pollution Control Administration, Ballston Center Tower No. 2, 801 North Randolph Street, Arlington, VA 22203. 1341 L.C. card 72-600148
- 48. Atmospheric emissions from thermal process phosphoric acid manufacture [with list of references]. Oct. 1968, vi+68 p. il. [Cooperative study project, Manufacturing Chemists' Association, Inc. and Public Health Service.]
 Paper, 40c. Item 483-E 1342
- PHS public advisory groups, authority, structure, functions. Oct. 31, 1967 1343 [published 1968]. xviii+307 p. ([Publication 262, revised Oct. 1967]; † • Item Office of Surgeon General, Committee Management Staff.) 507

L.C. card 61-61825

FS 2.2: Ad 9/2/967-2

1344 Politics of pollution, transcript of a radio presentation. [1968.] [1]+5 p. 4° [Presented by American Chemical Society as part of series called Men & molecules broadcast, by 600 stations during June 1968.] +

FS 2.2: P 76/3

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

1345 Proceedings of West African conference on nutrition and child feeding, Dakar, Senegal, Mar. 25-29, 1968. [1968.] xvii+289 p. il. 4° [Sponsored by Republic of Senegal and United States Agency for International Development with participation of Food and Agriculture Organization of United Nations, Organisation de coordination et de cooperation pour la Lutte contre les Grandes Endemies, United Nations Children's Fund World Health Organization.] † • Item 485 L.C. card 78-600179

FS 2.2: Af 8/2/968

Public health monograph.

1346

 77. Migration in United States, analysis of residence histories [with list of references; by] Karl E. Tacuber, Leonard Chiazze, jr., William Haenszel. x+151 p. il. 4° ([Publication 1575.]) * Paper, \$1.50. Item 500-A L.C. card 68-62502 F8 2.62:77 FS 2.62:77

1347 Public Health Service grants and awards, fiscal year 1967 funds: pt. 3, Construction, health research facilities, health-related teaching facilities, hospital and medical facilities (projects approved during fiscal year 1967), facilities for mentally retarded; [prepared by National Institutes of Health, Division of Research Grants, Statistics and Analysis Branch]. [1968.] ix+93 p. ([Publication 1798, pt. 3.]) * Paper, 50c. • Item 507-D

L.C. card 48-2277

FS 2.22/7:967/pt.3

- 1348 - pt. 4, Health services, formula grants, project grants, community mental health center staffing grants, regional medical program grants (projects approved during fiscal year 1967), medical library grants. [1968.] x+161 p. ([Publication 1798, pt. 4.]) * Paper, \$1.00. • Item 507-D L.C. card 48-2277 FS 2.22/7:967/pt.4
- 1349 Tall stacks, various atmospheric phenomena and related aspected [annotated bibliography and discussion]; prepared by National Air Pollution Control Administration. Dec. 13, 1968. [2] leaves+ii+120 p. il. 4° [Revision of issue dated Aug. 1, 1968.] † • Item 481-A L.C. card 74-600127 FS 2.24: St 1
- 1350 Treatment of mass civilian casualties in national emergency; prepared by Trauma Research Group of Cornell University Medical College. [1968.] [5]+97 p. (Division of Health Mobilization; [Contract SAph 73885].) [Reprinted through courtesy of Medical Education for National Defense, Washington, D.C.] * Paper, 40c. • Item 496-A L.C. card 77-600125

FS 2 6/2 · C 27

- Vital and health statistics: Series 3, Analytical studies. (National Center for Health Statistics.)
- Infant and perinatal mortality in England and Wales [with list of references: by Katherine M. Hirst, Neville R. Butler, and M. J. R. Dawkins]. Nov. 1968. viii+77 p. il. 4° ([Publication 1000, series 3, no. 12.]) * Paper, 75c. G Item 500-E L.C. card 68-62237 FS 2.85/2; 3/no.12

FS 2.85/2:3/no.12

- -Series 10, Data from National Health Survey (National Center for Health Statistics.) • Item 500-E FS 2.85/2: 10/(nos.)
- Prevalence of selected impairments, United States, July 1963-June 1965. Nov. 1968. vi+78 p. II. 4" ([Publication 1000-series 10, no. 48; [Division of Health Interview Statistics].) * Paper, 75c.
 L.C. card 68-62239
 - Volume of physician visits, United States, July 1966-June 1967; [by Charles S. Wilder]. Nov. 1968. iv+60 p. 11. 4° ([Publication 1000, series 10, no. 49; Division of Health Interview Statistics.]) * Paper, 60c. L.C. card 68-62236

- Series 11, Data from National Health Survey. (National Center for Health Statistics.)

32. Hearing status and ear examination, findings among adults, United States, 1960-1962 [with list of references; by Jean Roberts]. Dec. 1968, iv+28 p. fl. 4° ([Publication 1000, series 11, no. 32]; Division of Health Examination Statistics.]) [Prepared in Cooperation with Bureau of Census.]
 * Paper, 35c.

 Item 500-E
 L.C. card 68-60077
 FS 2.85/2:11/no.32

FS 2.85/2:11/no.32

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

Page 88

1351

1352

1353

-Series 14, Data on national health resources. (National Center for Health Statistics.)

- Health manpower, United States 1965-67 [with list of references; by Maryland Y. Pennell]. Nov. 1968. iv+56 p. 4° ([Publication 1000, series 14, no. 1; Division of Health Resources Statistics.]) * Paper, 60c. Item 500-E L.C. card 68-62646 L.C. card 68-62646
- Vital statistics of United States, 1966. ([National Center for Health Sta-1356 tistics. Division of Vital Statistics.])
 - v. 2. Mortality, pt. A. 1968. [412] p. 4° * Cloth, \$5.50. Item 510 L.C. card 40-26272 FS 2.112: 966/v.2/pt.A
- 1357 Where to write for birth and death records, United States and outlying areas. [Revised Oct. 1968.] [1968.] [2]+9 p. 4° ([Publication 630A-1.]) * Paper, 15c. • Item 508 FS 2.102 : B 53/3/968 L.C. card 59-60613
- Where to write for divorce records, United States and outlying areas. [Revised 1968.] [1968.] [2]+5 p. il. 4° ([Publication 630C.]) * Paper, 10c. 1358 Item 508 FS 2.102 : D 64/968 L.C. card 59-60669

PUBLIC LAND LAW REVIEW COMMISSION 1730 K Street N.W. Washington, DC 20006

NOTE.---The Public Land Law Review Commission was established by Public law 88-606, approved Sept. 19, 1964.

History of public land law development [with bibliography], by Paul W. 1359 Gates; with chapter by Robert W. Senson, Nov. 1968. xv+828 p. il. * Cloth, \$8.25. • Item 1089 Y 3.P 96/7:2 H 62 L.C. card 68-62999

PUBLIC ROADS BUREAU, Transportation Dept. Washington, DC 20591

- 1360 Highway condemnation law and litigation in United States: v. 2, State by State statistical summary of reported highway condemnation cases from 1946–1961; prepared by University of Wisconsin. July 1968. vi+277 p. il. oblong 8° ([Research and development report]; Office of Research and Development.) [Prepared under contract CPR 11-8002.] TD 2.102: H 53/3/v.2 * Paper, \$1.75. • Item 265
- 1361 National Conference Committee on Electronics, Austin, Tex., May 7-8, 1968, proceedings. [1968.] v+206 p. il. 4° (Office of Research and Development.) [Sponsored by American Association of State Highway Officials, Committee on Electronics, in cooperation with Department of Transportation, Federal Highway Administration, Bureau of Public Roads, Texas Highway Department.] † • Item 265 TD 2.102 : El 2/968 L.C. card 78-600073
- 1362 Standard plans for highway bridges: v. 1, Concrete superstructure. Revision to 1962 edition. Aug. 1968. cover title, [20] leaves il. oblong large 8° * Paper, \$1.25. • Item 265–A L.C. card 76-600130

TD 2.108 : B 76/v.1

Page 89

RECLAMATION BUREAU, Interior Dept. Washington, DC 20240

1363 Construction safety standards [with list of reference material]. 1st edition, June 1, 1968. [1968.] [5]+xiv+379 p. il. 16° (Office of Chief Engineer, Denver, Colo.) [Supersedes Safety requirements for construction contract, 3d edition.] † Cloth lined paper, \$2.40, Bureau of Reclamation, attention: Code 841, Denver Federal Center, Denver, CO 80225 L.C. card 73-600132 I 27.19/2: Sa 1/2/968

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

Engineering monograph. (Water resources technical publication.)

 Beggs deformeter stress analysis of single barrel conduits; by H. B. Phillips and I. E. Allen. [1952, 2d revised edition 1968.] [1968.] v+58 p. il. 4° (Design Division, Office of Chief Engineer, Denver, Colo.) Paper 65c. 19724-14 I 27.34 : 14

- 1365 Kansas basins project, interim report: no. 1, Water for future of Kansas [bibliography and inventory of available date]. Mar. 1968. cover title, vi+178 leaves, map, 4° (Bureau of Reclamation regions 5 and 7.) [Prepared in cooperation with Kansas Water Resources Board.] † L.C. card 74-600135 I 27.2: K 13/no.1
- Rio Sao Francisco Basin, Brazil, reconnaissance appraisal, land and water 1366 resources, v. 1. 1967 [published 1968]. [3] leaves+viii+216 p. il. 39 pl., 4 are in pocket. [Prepared for Department of State, Agency for International Development. 2 pl. are colored.] † L.C. card 68-61589

I 27.2 : R 47/3/v.1

REHABILITATION SERVICES ADMINISTRATION, Health, Education, and Welfare Dept., Washington, DC 20201

1367 Mobility for handicapped students. Aug. 1968. 10 p. il. † • Item 529

- Rehabilitation services series. † • Item 531 FS 17 110/3 : (nos.) 1368
 - 69-11. Rehabilitation of alcoholic, report from Study Group on Rehabilitation of Alcoholic and Public Offender, James McClary, Chairman, Columbia, S.C., 6th Institute on Rehabilitation Services, May 20-22, 1968, University Park, Pa. [with bibliographies], [1968.] xxii+200 p. 4°
 69-13. Use of support personnel in vocational rehabilitation, training guide, report of Harry Lucas, Chairman, California Department of Rehabilitation, 6th Institute on Rehabilitation Service, May 20-22, 1968, University Park, Pa. [with bibliography]. [1968.] vii+114 p. 4°
 - Rehabilitation Services Administration programs. Oct. 1968. 40 p. il. ÷ Item 529 FS 17.102 : P 94

RENEWAL ASSISTANCE ADMINISTRATION, Housing and Urban Development Dept., Washington, DC 20410

1371 Urban renewal directory, June 30, 1968. [1968.] cover title, [1]+v+129 p. 4° [Semiannual.] † • Item 584-M L.C. card 68-61152

HH 7.8/2:968

RURAL ELECTRIFICATION ADMINISTRATION, Agriculture Dept. Washington, DC 20250

- Electric transmission specifications & drawings. [Oct. 1968.] cover title, 1372 97 p. il. 4° (REA form 805, Rev 5-68.) [Issued with perforations.] * Paper, \$1.00. • Item 116 A 68.2 : T 68/2/968
- 1373 Number and percentage of farms electrified with central station service by States, 1935, 1940, 1950, and 1968. Oct. 7, 1968. 1 p. oblong 8° (Statistical Services Section, Accounting and Statistics Branch, Program and Administrative Services Division.) A 68.20:968

SECURITIES AND EXCHANGE COMMISSION Washington, DC 20549

1374 Directory of companies filing annual reports with Securities and Exchange Commission under Securities exchange act of 1934, alphabetically and by industry groups, 1967. [1968.] cover title, ix+275 p. 4° ([Office of Policy Research.]) * Paper, \$2.25. • Item 903-A L.C. card 59-61379

SE 1.27:967 1375 Regulation S-X under Securities act of 1933, Securities Exchange act of 1934, Public utility holding company act of 1935 and Investment company act of 1940, form and content of financial statements as in effect Sept. 1, 1968. [1968.] vili+80 p. 4° (Title 17, Code of Federal regulations, pt. 210.) * Paper, 75c. • Item 907 L.C. card 54-61697

SE 1.6: F 49/968

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

Page 90

1369

1370

FS 17.102 : M 71

JANUARY 1969

SHIP STRUCTURE COMMITTEE Washington, DC 20226

SSC (series).

1376

SMALL BUSINESS ADMINISTRATION Washington, DC 20416

SBA disaster loans to restore or replace businesses, homes. [Oct. 1968.] cover title, 16 p. il. narrow 8° ([OPI-9.]; Office of Public Information.) 1377 • Item 901-B 1 SBA 1.2: L 78/4/968

Small business bibliographies. † • Item 901–K SBA 1.3:(nos.)

23. Training retail salespeople; [by] William B. Logan. July 1968. 8 p. 40

L.C. card 70-600055 1379 35. Hardware retailing; updated by Dorothy Ritter, Aug. 1968. [4] p. 4º L.C. card 72-600190

SMITHSONIAN INSTITUTION Washington, DC 20560

Atoll research bulletin.

1380

1381

1382

1383

1378

118, 119. Ecology of Aldabra Atoll, Indian Ocean [articles, with bibliographies], edited by David R. Stoddart; Atoll news and comment. Nov. 15, 1967. [12]+141+6 p. il. 21 p. of pl. 4° [Erratum sheet, 1 p., issued also.1 t SI 1.25:118, 119

Publications in salvage archeology; series editor Warren W. Caldwell.

 Arikara archeology, Bad River phase [with lists of literature cited]; by Donald J. Lehmer and David T. Jones, with appendices by T. M. Hamilton and William M. Bass III; editor Jerome E. Petsche, Lincoln, Neb., 1968. [1]+iii +170 p. il. (River Basin Surveys, Museum of Natural History.) [Errata, 240 mea termed check. 1 p. 24°, was issued also.] L.C. card 68-61683 - 1

SI 1.22:7

Smithsonian contributions to anthropology.

v. 8. Cultural chronology of Gulf of Chiriquí, Panama [with list of literature cited; by] Alga Linares de Sapir. 1968. xili+[6]+119 p. il. 20 pl. 4° * Cloth, \$4.50. • Item 921-A L.C. card 68-60007

SI 3.11:8

Smithsonian miscellaneous collections.

v. 153, no. 2. Echinoids from Middle Eccene Lake City formation of Georgia [with list of literature cited]; by Porter M. Kler. Oct. 11, 1968 [Port City Press, Inc., Baltimore, Md.] [2]+45 p. il. 10 pl. (Publica-tion 4738; Charles D. and Mary Vaux Walcott Research Fund.) † (Price upon application). L.C. card 68-60092

SI 1.7: 153/2

SOCIAL AND REHABILITATION SERVICE, Health, Education, and Welfare Dept., Washington, DC 20204

- 1384 Administrative approaches to staff development in Public Welfare Agencies; by Eleanor K. Taylor, Eulene Hawkins, and Hilda P. Tebow. 1968. vi+23 p. * Paper, 25c. • Item 512-A-1 L.C. card HEW 67-129 FS 17.2: St 1/2
- 1385 Criteria and guidelines for evaluation of in-service training [with bibliographies]; by Margaret M. Heyman. [1968.] iii+35 p. 4° * Paper, 25c. • Item 512-A-3

L.C. card HEW 68-128

FS 17.8: T 68

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

SOCIAL SECURITY ADMINISTRATION, Health, Education, and Welfare Dept., Washington, DC 20201

1386	Actuarial notes. † FS 3.19/2:(nos.)
	 Disability incidence rates under OASDI system for disability onsets occuring in 1956-63; by Robert J. Myers and Francisco Bayo. Aug. 1968. [7] p. 4°
1387	 45. Disability incidence rates under OASDI system for disability onsets occuring in 1956-63; by Robert J. Myers and Francisco Bayo. Aug. 1968. [7] p. 4° 46. Termination experience of disabiled-child benefits under OASDI; by Francisco Bayo. Sept. 1968. [6] p. 4° (Office of Actuary.)
1388	America's centenarians, reports of interviews with social security bene- ficiaries who reached 100 from JanDec. 1967; v. 8, 4th annual supple-
	ment to 4 volumes published Dec. 1963. Aug. 1968. [187] p. il. 4° †
	• Item 516 L.C. card HEW 64–59 FS 3.2 : C 33/v.8
1389	Directory of medicare providers of services, title 18, health insurance for
	[211] p. 4° ([Bureau of Health Insurance.]) [Some pages are printed as leaves.] * Paper, \$1.75. • Item 515-A
1000 1	L.C. card HEW 67–150 FS 3.51/3:968
1389A	([Bureau of Health Insurance.]) [Some pages are printed as leaves.] * Paper, \$1.25. • Item 515-A FS 3.51 : 968
1390	
1391	L.C. card HEW 67–113 FS 3.51/2:968
1001	 Independent laboratories. Oct. 1968. cover title, [147] p. 4° ([Bureau of Health Insurance.]) [Some pages are printed as leaves.] * Paper, \$1.25. Item 515-A
	L.C. card HEW 68-12 FS 3.51/4:968
	From the Social security survey of the disabled, 1966, reports. (Office of Research and Statistics.) † FS 3.54/2:(nos)
1392	1. Identifying the disabled, concepts and methods in measurement of disability; by Lawrence D. Haber, Dec. 1967. [2]+18 p. il. 4° [Reprinted from Social
1393	 Security bulletin, Dec. 1967.] 2. Disability, work, and income maintenance, prevalence of disability, 1966; by Lawrence D. Haber. May 1968. [1]+10 p. il. 4° [Reprinted from Social security bulletin, May 1968.] 3. Effect of age and disability on access to public income-maintenance programs, by Lawrence D. Haber. July 1968. [1]+16 [6] p. il. 4° 4. Health Insurance coverage of the disabled; by Mildred E. Cinsky. Aug. 1968. [1]+8+[9] p. ll. 4°
1394	3. Effect of age and disability on access to public income-maintenance programs, by Lawrence D Haber July 1968 [1], 16 [6] p il 49
1395	4. Health insurance coverage of the disabled; by Mildred E. Cinsky. Aug. 1968. [1]+8+[9] p. 11. 4°
1396	Research report.
1000	 25. Social welfare expenditures under public programs in United States, 1929-66; by Ida C. Merriam and Alfred M. Skolnik, [1968.] x+254 p. 11. 4° (Office of Research and Statistics.) * Paper, \$2.00. Item 522-A L.C. card HEW 68-20 FS 3.49:25
1397	Rights and responsibilities of those who receive social security disability
	benefits. 1968 edition. June 1968. 29 p. narrow 12° (SSA-1419 (6-68).) † ● Item 516 FS 3.2 : D 63/3/968
1398	Social security programs in United States. Mar. 1968. v+120 p. il. * Paper, 55c. • Item 516
	L.C. card HEW 68–100 FS 3.2 : So 13/21/968
	SSI-(series). • Item 523-B FS 3.52 : (nos.)
1399	 Answers for doctors, what the social security disability program means to you and your patients. [Sept. 1968.] 13+[1] p. il. narrow 8° † Special information about social security for people who receive cash tips.
1400	17. Special information about social security for people who receive cash tips. [Aug. 1968.] 5+[1] p. parrow 8° t
1401	32. Self-employed farmers, are you getting your social security credit? [Dec. 1968.] [8] p. il. oblong 24° †
1402	35. Your social security retirement, survivors, and disability insurance, medicare. [Oct. 1968.] 46+[1] p. oblong 48° * Paper, \$7.00 per 100, single conv 100
1403	44. Your social security earnings record. [Oct. 1968.] 32 p. oblong 48° * Paper, \$6.50 per 100 : single covy. 10c.
1404	 Special information about social security for people who receive cash tips. [Aug. 1968.] 5+[1] p. narrow 8° † Self-employed farmers, are you getting your social security credit? [Dec. 1968.] [8] p. il. oblong 24° † Your social security retirement, survivors, and disability insurance, medicare. [Oct. 1968.] 46+[1] p. oblong 48° * Paper, \$7.00 per 100, single copy 10c. Your social security earnings record. [Oct. 1968.] 32 p. oblong 48° * Paper, \$6.50 per 100; single copy, 10c. Social security benefits, how you earn them, how much credit you need [how to estimate amount]. [Oct. 1968.] [14] p. il. narrow 8° * Paper, \$10.00 per 100; single copy, 15c.
	*For Sale by Superintendent of Documents
	Distribution Made by Issuing Office

Page 92 ‡Official Use. Not Available

.

JANUARY 1969

SOIL CONSERVATION SERVICE, Agriculture Dept. Washington, DC 20250

- 1968 fall water supply [western United States]; by Water Supply Fore-casting Branch, Portland, Oreg. [1968.] [4] p. il. 4° † A 57.46/8:968 1405
- 1406 Soil and water conservation districts, status of organization, by States, approximate acreage, and farms in organized districts. July 1, 1968. [3] +72 n, il. 4° [Issued with perforations.] † A 57.32:968 +72 p. il. 4° [Issued with perforations.] †

[Technical publication] SCS-TP (series).

Fish discase leaflet FDI_(series) +

151. Key to native perennial grasses, Midwest region east of Great Plains. Oct.
 1968. cover title, [2] leaves + 116 p. il. 4° [Abstracted from Hitchcock's Manual of the grasses.] * Paper, \$1.00. • Item 120 A 57.15:151

Water supply outlook for Montana and Federal-State-private cooperative 1408 snow surveys [snow pillow records, 1968 water year]; prepared by P. E. Farnes. Oct. 1, 1968. [30] leaves il. 4° [Prepared in cooperation with Montana Agricultural Experiment Station. Some pages are issued as leaves. One illustration is colored.] † A 57.2: Sn 6/14/968 L.C. card 68-61825

SPORT FISHERIES AND WILDLIFE BUREAU, Interior Dept. Washington, DC 20240

	Fish discust reduct 1 bit (boulds).
409	11. Freshwater fish diseases caused by bacteria belonging to genera Aeromonas and Pseudomonas [with annotated bibliography]; by S. F. Snieszko and G. L. Bullock. May 1968. 7 p. 4° [Formerly Fishery leafiet 459, revised Aug. 1962.]
410	 Parasites of freshwater fishes: 4, Miscellaneous, Anchor worm (Lernaea cyprinacea) and related species [with annotated bibliography]; by R. E. Putz and J. T. Bowen. June 1968. 4 p. il. 4° [Formerly Fishery Leaflet 575, Dec. 1964.]
411	13. Lymphocystis disease of fish [with annotated bibliography]; by Ken Wolf. July 1968. 4 p. il. 4° [Formerly Fishery Leaflet 565, Jan. 1964.]
412	Piedmont National Wildlife Refuge, Jones and Jasper County, Ga., even- aged forestry management. [1968.] [12] p. il. 4° †I 49.2 : P 59
	Refuge leaflets. I 49.44 : (nos.)
1413 1414	 National Elk Refuge. [Revised edition.] [1968.] 4 p. il. 4° † National wildlife refuges in region 1 [Pacific] (except Alaska). July 1968. 12 p. il. 4° †
1415 1416 1417 1418	 91. San Andres National Wildlife Refuge. [Feb. 1968.] [2] p. il. 4° † 171. Birds of Muleshoe National Wildlife Refuge. June 1968. 4 p. 4° † 203. Birds of Minidoka National Wildlife Refuge. July 1968. 3 p. 4° † 230. Birds of Sherburne National Wildlife Refuge. [Aug. 1968.] [16] p. il. narrow 8° †
1419 1420 1421	315. Mammals of Red Rock Lakes National Wildlife Refuge. June 1968. 4 p. 4° † 327. Mammals of Squaw Creek National Wildlife Refuge. June 1968. 4 p. 4° † 416. Historical notes: San Andres National Wildlife Refuge. Oct. 1968. [2] p. 4° †
1422	543. Wapanocca National Wildlife Refuge. [July 1968.] [4] p. ll. 4° [One illus- tration is colored.] †
1423 1424 1425	545. Cross Creeks National Wildlife Refuge, Tenn. July 1968. 4 p. il. 4° † 546. Willapa National Wildlife Refuge. July 1968. [4] p. il. 4° † 551. Pungo National Wildlife Refuge, N.C. [Sept. 1968.] 4 p. il. 4° * Paper, 10c. Item 612-C
	Regulatory announcement.
1426	 S2. Federal aid in fish and wildlife restoration. Oct. 1968. 28 p. [Supersedes Regulatory announcements 64 and 65.] * Paper, 20c. Item 613 I 49.24 : 82
	Resource publications. I 49.66:(nos.)
1427	65. Effects of surface mining on fish and wildlife in Appalachia, special report [with list of references]; by Joseph A. Boccardy and Willard M. Spaulding, jr. June 8, 1968, iv+20 p. il. 4° * Paper, 35c. ● Item 613-B
1428	66. Treatment tips, how to determine qualities for chemical treatments in fish farming; [by Fred P. Myer]. [June 1968.] cover title, 16 p. il. narrow 8° (Fish Farming Experimental Station, Stuttgart, Ark.) [Text on p. 2-3 of cover.] t
1400	"I Notional wildlife vetuges 1969 [1969] 16 n il 40 [Text and man on n 9

2 and 3 of cover.] * Paper, 25c. Item 613-B

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

Page 93

T 49 28/3 · (nos)

1407

Wildlife leaflets. †

I 49.13:(nos.)

481. Big game inventory for 1967: compiled in Bird and Mammal Laboratories, Division of Wildlife Research. Sept. 1968. 4 p. il. 4°
482. Fur catch in United States, 1967; compiled in Bird and Mammal Labora-tories, Division of Wildlife Research. Sept. 1968. 4 p. 4° 1430 1431

1432 Your guide to Federal waterfowl production areas, Minnesota. [July 1968.]

[2] p. il. oblong f°, folded into narrow 8° size. ÷ I 49.6/3: M 66/968 1433

- Your guide to Federal waterfowl production areas, Nebraska. [July 1968.] [2] p. il. oblong f°, folded into narrow 8° size. † I 49.6/3: N 27/968
- 1434 Your guide to Federal waterfowl production areas, North Dakota. [July 1968.] [2] p. il. oblong f°, folded into narrow 8° size. †

I 49.6/3: N 81d/968

1435 Your guide to Federal waterfowl production areas, South Dakota. [July 1968.] [2] p. il. oblong f°, folded into narrow 8° size.

I 49.6/3: So 8d/968

STATE DEPARTMENT Washington, DC 20250

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 5c. • Item 862–B

New Zealand [with reading list]. [Revised Oct. 1968.] [1968.] 6 p. il. 4° ([Publication 8251.]) L.C. card 66-61561 S 1.23 : N 42z/968

Department and Foreign Service series.

 133. Research in action, Department of State's Bureau of Intelligence and Research; by Allan Evans. [Revised Nov. 1968.] [1968.] [2] + 21 p. narrow 8° ([Publication 7964; Office of Media Services, Bureau of Public Affairs.])
 [Reprinted with revisions from Department of State bulletin, Aug. 30, 1965.] * Paper, 15c. Item 863 L.C. card 68-8

S 1.69: 133/2

Discussion guide. (Film Library.)

United States and western Europe. 29-minute foreign policy briefing film analyzing mature and development of U.S. policy toward western Europe since end of World War II [with list of suggested reading and references]. [Reissued May 1968.] [1968.] 7 p. fl. 4° ([Publication 8123; Office of Media Services, Bureau of Public Affairs.]) [Issued with perforations.] * Paper, 5c. • Item 865-C S 1.40/4-2: Eu 7 1438

East Asian and Pacific series. • Item 870

- 1439
- 177. Viet-Nam information notes: no. 13, U.S. assistancve program in Viet-Nam. Nov. 1968. 6 p. 11. 4° ([Publication 8419.]; Office of Media Services, Bureau of Public Affairs.) * Paper, 10c.
 178. U.S. halts bombing of North Viet-Nam, [address by] Lyndon B. Johnson. Nov. 1968. cover title, 10 p. ([Publication 8420; Office of Media Services, Bureau of Public Affairs.]) * Paper, 20c. L.C. card 68-67391 1440
- 1441 Finnish graded reader; [by] Aili Rytkonen Bell and Augustus A. Koski. 1968. viii+752 p. il. 4° (Foreign Service Institute.) [Compiled and published with support of Office of Education, Department of Health, Education and Welfare.] * Paper, \$4.50. • Item 872-A L.C. card 68-67107

S 1.114/2-2: F 49

- 1442 Human Rights Year 1968, proclamation of Human Rights Year by the President, Oct. 11, 1967, remarks of President Lyndon B. Johnson on signing Executive order establishing President's Commission, Jan. 30, 1968, President's Commission for Observance of Human Rights Year 1968. [1968.] [4] p. 4° † • Item 876 S1.2: H 88/2
- 1443 Indonesian, newspaper reader; [by] Joseph M. Harter, Jijis Chadran, Andang S. Poeraatmadja, 1968. ([Foreign Service Institute, basic course series.]) iii+271 p. 4° * Paper, \$1.75. • Item 872-A L.C. card 68-67136

S 1.114/2-2: In 2

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

Page 94

1437

1436

S 1.38:(nos.)

International boundary study. (Geographer, Office of Strategic and Functional Research, Bureau of Intelligence and Research.) S 1.119/3: (nos.) Central African Republic-Chad boundary. July 15, 1968. cover title, [1]+5 p. map, 4^o (Office of Research in Economics and Science.) 1444 Algeria-Spanish Sahara boundary [with bibliography], July 30, 1968. cover title, [1] + 4 p. map, 4° (Office of Research in Economics and Science.) 1445 S 1.86: (nos.) Near and Middle Eastern series. • Item 883 77. Issues in United States foreign policy : No. 1, Middle East. [Oct. 1968.] cover title, [20] p. 11. ([Publication 8409]; Office of Media Services, Bureau of Public Affairs.) * Paper, 45c. 1446 78. Discussion guide issues: No. 1, Middle East [with list of reference materials]. [Nov. 1968.] [7] p. il. 4° ([Publication 8417.]) * Paper, 10c. 1447 Treaties and other international acts series. * Paper, \$10.00 a yr. (approximately 150 issues), \$6.00 additional for foreign mailing; single copies S 9.10: (nos.) • Item 899 vary in price. 6508. Special fund for education, school construction, textbook production, cultural development, private education, agreements between United States and Philippines, effected by exchanges of notes, signed Manila May 18, June 26, Aug. 11, 1967 and June 11, 1968; [entered into force June 11, 1968], with related notes signed Manila Apr. 26, 1966. [1968.] [2]+98 p. II. * Paper, 50c. L.C. card 68-67167 1448 6552. Technical cooperation, agreement between United States and Afghanistan, extending agreement of June 30, 1953, as extended, effected by exchange of notes signed Kabni June 29 and Ang. 15 and 29, 1968; [entered into force Aug. 29, 1968, effective June 30, 1968]. [1968.] [2]+4 p. [English and Afghan.] * Paper, 10c. 1449 3553. Allen amateur radio operators, agreement between United States and Barbados, effected by exchange of notes, dated Bridgetown Sept. 10 and 12, 1968; [entered into force Sept. 12, 1968]. [1968.] [2]+3 p. * Paper, 10c. 1450 6556. Agricultural commodities, agreement between United States and Indonesia, signed Djakarta Aug. 16, 1968; [entered into force Aug. 16, 1968.] [1968.]
[2] +3 p. * Paper, 10c. L.C. card 68-67363 1451 L.C. card 68-67363
6560. Air transport services, agreement between United States and Union of Soviet Socialist Republics, relating to agreement of Nov. 4, 1966, as amended, effected by exchange of notes dated Moscow July 8, 1968; [entered into force July 8, 1968]. [1968.] [2]+4 p. [English and Russian.] * Paper, 10c. L.C. card 68-67385
6561. Trade in cotton textiles, agreement between United States and Japan, amending arrangement of Jan. 12, 1968, effected by exchange of notes dated Washington Oct. 3, 1968; [entered into force Oct. 3, 1968, effective Jan. 1, 1968]. [1968.] [2]+6 p. * Paper, 10c. L.C. card 68-67384 1452 1453 Jan. 1, 1968]. [1968 L.C. card 68-67384 6562. Whaling, amendments to schedule to International Whaling Convention signed Washington Dec. 2, 1946, adopted at twentleth meeting of International Whaling Commission, Tokyo, June 24-28, 1968; [entered into force Oct. 10, 1968]. [1968.] [2]+1 p. * Paper, 10c.
L.C. card 60-61171 1454 6571. Agricultural commodities, agreement between United States and Bolivia signed La Paz Jan. 16, 1968; [entered into force Jan. 16, 1968]. [2]+39 p. [English and Spanish.] * Paper, 20c. 1455 L.C. card 77-600176 United States treaties and other international agreements: v. 18, pt. 2, 1967. 1456 [In-[1968.] iii-vii+1201-2324+vii-x p. 3 pl., 26 maps in pocket, large 8° cludes treaties and other international acts series 6268-6332. Text in English and other languages.] * Cloth, \$12.00. • Item 899–A S 9.12: 18/pt.2 L.C. card 53-60242 STATISTICAL REPORTING SERVICE, Agriculture Dept. Washington, DC 20250 Irish potatoes, utilization of 1967 crop with comparisons. Sept. 6, 1968, cor-1457 rected report, Sept. 10, 1968. 3 p. 4° (Pot 1-3 (9-68); Crop Reporting A 92.11/5:967/corr.

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

Board)

1

SUPREME COURT Washington, DC 20543

United States reports: v. 389, Cases adjudged in Supreme Court at Oct. 1458 term, 1967, Oct. 2, 1967 (beginning of term)-Jan. 15, 1968; Henry Putzel, jr., reporter of decisions. 1968. cix+583+[1]+801-1153 p. [Also issued in 3 preliminary prints, each case also issued separately. Pages 584-800 purposely omitted and does not indicate omission in text.] * Cloth, \$8.50. ● Item 741 L.C. card 1-26074

Ju 6.8: 389

1459 v. 390. Cases adjudged in Supreme Court at Oct. term 1967, Jan. 16-May 1, 1968; Henry Putzel, jr., reporter of decisions. 1968. Lxxxiv+845 +[1]+901-1085 p. [Also issued in 2 preliminary prints; each case also issued separately. Pages 846-901 purposely omitted; this does not indicate omission in text.] * Cloth, \$8.75. • Item 741 L.C. card 1-26074

Ju 6.8: 390

TARIFF COMMISSION Washington, DC 20436

- 1460 Summaries of trade and tariff information, prepared in terms of Tariff schedules of United States (TSUS): Schedule 2, Wood and paper, printed matter; v. 2, Wood and related products 2. 1968. vi+203 p. 4° (TC publication 269.) 1 L.C. card 67-61163 TC 1.26/2:2/2
- 1461 Schedule 3, Textile fibers and textile products; v. 6, Cordage, braids, elastic yarns and fabrics, lace, ornamented fabrics, trimmings, packing, polishing cloths, sacks, labels, lacings, rags, and other miscellaneous textile products. 1968. [192] p. 4° (TC publication 267.) ±. L.C. card 68-61786

TC 1.26/2:3/6

- 1462 -Schedule 5, Nonmetallic minerals and products; v. 4, Pressed and blown glassware. 1968. [167] p. 4° (TC publication 257.) L.C. card 68-61532 TC 1.26/2:5/4
- 1463 - Schedule 6, Metals and metal products, v. 5, Containers, wire products, foil, fasteners, and specified hardware. 1968. viii+246+[35] p. il. 4° (TC publication 270.) ‡ L.C. card 68-61304

TC 1.26/2:6/5

1464 - Schedule 6, Metals and metal products ; v. 6, Hand tools, cutlery, forks, and spoons. 1968. [279] p. 4° (TC publication 260.)

TC 1.26/2:6/6

- 1465 - Schedule 7, Specified products, miscellaneous and nonenumerated products: v. 3, Photographic equipment and supplies, recordings, musical instruments. 1968. [214] p. 4° (TC publication 263.) and L.C. card 68-61610 TC 1.26/2:7/3
- 1466 -Schedule 7, Specified products, miscellaneous and nonenumerated products: v. 5, Furniture, buttons and other fastening devices, brooms, brushes, umbrellas, canes, and clothespins. 1968. [165] p. 4° (TC publication 266.) ± L.C. card 68-61610

TC 1.26/2:7/5

1467 Synthetic organic chemicals, United States production and sales of dyes. 1967, preliminary. Nov. 1968. cover title, [1]+41 p. 4°

TC 1.33/2 : D 98/967

1468 Synthetic organic chemicals, United States production and sales of elastomers, 1967, preliminary. Aug. 1968. cover title, [1]+5 p. 4°

TC 1.33/2: El 1/967

1469 Synthetic organic chemicals, United States production and sales of pesticides and related products, 1967, preliminary. Oct. 1968. cover title, [1] +13 p. 4° † TC 1.33/2 : P 43/967

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

- Synthetic organic chemicals, United States production and sales of synthetic organic pigments, 1967, preliminary. Nov. 1968. cover title, 1470 TC 1.33/2 : P 62/967 [1]+13 p. 4° †
- Tariff schedules of United States annotated (1969) for use in classification 1471 of imported merchandise for rate of duty and statistical purposes. 1968. [906] p. 4° (TC publication 272.) [Issued in looseleaf form.] * Paper, \$8.00 (including supplementary service for an indefinite period); \$2.00 TC 1.35/2:969 additional for foreign mailing. • Item 982-B
- Wilton, Brussels, velvet and tapestry carpets and rugs, report to the Presi-1472 dent on investigation no. TEA-IR-5-68 under sec. 351(d)(1) of Trade Expansion Act of 1962. Sept. 1968. cover title, [1]+19 p. 4° (Publica-TC 1.2 : C 22/968 tion 261.) +

TENNESSEE VALLEY AUTHORITY Washington, DC 20444

- Effects of fertilizer on food chain organisms and fish production in Norris 1473 Reservoir, Tenn. [with list of literature cited]. 1968. cover title, 8+[11] Y 3.T 25:2 F 41/8 p. il. 4° (Fish and Wildlife Branch.) +
- Laminated beams and arches, production opportunities in Tennessee Valley. [1968.] [16] p. il. 4° (Division of Forestry Development.) † 1474 Y 3.T 25: 27 L 18

Power annual report [fiscal year] 1968. [1968.] cover title, 37 p. il. 4° 1475 [Page 37 printed on inside of back cover. Text on page 2 of cover. Some illustrations are colored.] † Director of Information, Tennessee Valley Authority, Knoxville, TN 37902. L.C. card 60–62377

Y 3.T 25: 1-7/968

TREASURY DEPARTMENT Washington, DC 20220

Department circular, public debt series.

- 6-68, 5% percent treasury notes of series B-1974, dated and bearing interest from Aug. 15, 1968, due Aug. 15, 1974. Aug. 1, 1968. 3 p. 4° ↑ Item 924. T 1.4/3: 6-68 1476 924
- Domestic and international monetary situations, remarks by Frederick L. 1477 Deming, Under Secretary of Treasury for Monetary Affairs at Graduate School of Banking, University of Wisconsin, Madison, Wis., Aug. 27, 1968, 1968, 18 p. 4° (F-1339.) † T1.31: D 39/23 1968. 1968. 18 p. 4° (F-1339.)
- Foreign credits by United States Government, status of active foreign 1478 credits of United States Government and of international organizations, as of June 30, 1967. [1968.] cover title, v+161 p. il. oblong 12° * Paper, T 1.45:967 \$1.50. • Item 925–C
- Remarks of Henry H. Fowler, Secretary of Treasury of United States and United States Governor of International Monetary Fund and Interna-1479 tional Bank for Reconstruction and Development at joint annual discussion of Boards of Governors of International Monetary Fund and International Bank for Reconstruction and Development and its affiliates, Washington, D.C., Oct. 1, 1968. 1968. 19 p. 4° (F-1366.) +

T 1.31 : F 82/103

- Short and long of it, remarks by Frederick L. Deming, Under Secretary 1480 of Treasury for Monetary Affairs at national convention of Bank Administration Institute, Atlanta, Ga., Oct. 23, 1968. 1968. 24 p. 4° T 1.31: D 39/26 (F-1386.) †
- Tax assistance for housing, its implications for Federal tax structure and 1481 Federal budget, remarks by Stanley S. Surrey, Assistant Secretary of Treasury before 5th annual Development Forum Urban America Inc. University of California, Berkeley, Calif., Oct. 28, 1968. 1968. 34 p. 4° T 1.31: Su 7/36 (F-1390.) 1

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

GOVERNMENT PUBLICATIONS

UNITED STATES TRAVEL SERVICE, Commerce Dept. Washington, DC 20230

1482 United States conventions and exhibitions, 1969. [1968.] [2]+36 p. 4° [prepared from questionnaire sent to associations by United States Travel Service.] † Item 271-A-1 C47.2: C76/969 C 47.2 : C 76/969

1483 USA tour manual, 1968. viii+171 p. il. 4° [Listing of some 235 Visit USA package tours produced by American travel industry organizations.]

C 47.12 : T 64

VETERANS ADMINISTRATION Washington, DC 20420

3d annual report, fiscal year 1968, Servicemen's group life insurance pro-1484 gram, supervised by Administrator of Veterans Affairs. [1968.] cover title, 10 p. (Insurance Service, Department of Veterans Benefits,) L.C. card 68-61746 + VA 1.46/2:968

Bibliography (series).

 10-3. Selected readings in techniques of stereotaxic brain surgery; [compiled by John L. Fox]. Oct. 1968. cover title, [1]+35 p. 4° (Medical and General Reference Library, Department of Medicine and Surgery.) [Issued with perforations.]
 Paper, 45c. Item 983-A VA 1.20/3; 10-3 1485

Information bulletin IB (series).

10-120. Highlights of 13th annual conference: Veterans Administration coop-perative studies in psychiatry, Denver, Colo., Apr. 4-6, 1968; [pre-pared by Veterans Administration Hospital, Denver, Colo., and staff of Central NP Research Laboratory, Veterans Administration Hos-pital, Perry Point, Md.]. cover title, ix+100 p. 4° Issued with perforations.] † ● Item 986-A VA 1.22:10-120

Transactions of 27th VA-Armed Forces Pulmonary Disease Research Conference held Jan. 22-24, 1968, Cincinnati, Ohio, by Veterans Adminis-tration [and] Armed Forces with cooperation of National Tuberculosis Association [with lists of references]; [prepared and edited by VA Department of Medicine and Surgery and VA Hospital, Cincinnati, Ohio]. [1968.] cover title, xvii+104 p. il. 4° [Formerly Conference on Chemotherapy of Tuberculosis.] † • Item 988-A L.C. card 49-47044

VA 1.40/2:968

VA monograph (series).

10-1. Notes on biometry in medical research, supp. 5; [by Donald Mainland]. Oct. 1968. cover title, [1] + 62 p. 4° (Research Support Centers, Re-search and Education in Medicine, Department of Medicine and Surgery.) [Issued with perforations.] † ● Item 989-F VA 1.48:10-1/supp.5

WAGE AND HOUR AND PUBLIC CONTRACTS DIVISIONS, Labor Dept. Washington, DC 20210

Regulations, title 29 of Code of Federal regulations.

pt. 525. Special minimum wages for handicapped workers in sheltered workshops. [1968.] [6] p. 4° (WHPC publication 1249.) [Reprint from Federal Register, July 23, 1968.] † • Item 780 L 22.9:525/6 1489

1490 Summary of regulation, pt. 519: Employment of full-time students at special minimum wages in retail or service establishments and in agriculture. Sept. 1968. [2]+9 p. (WHPC publication 1250.) † • Item 779 L 22.6: St 9/2/968

WEATHER BUREAU, Commerce Dept. Washington, DC 20235

Weather Bureau engineering handbook EHB-(series).

Weather Bureau engineering handbook Lifts (all + 21 leaves 4° ([Engl-neering Division.]) [Issued in looseleaf form. Supersedes MAL 3-67, C 30.6/5:10

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

Page 98

1491

1486

1487

1488

JANUARY 1969

WOMEN'S BUREAU, Labor Dept. Washington, DC 20210

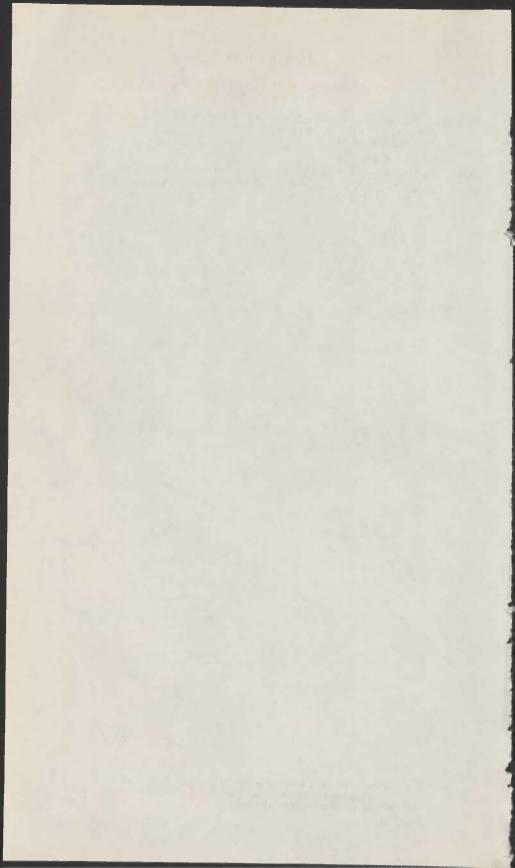
 1492
 Background facts on women workers in United States. Sept. 1968. cover title, [1]+17 p. 4° † ● Item 783-C-1 L.C. card L 65-64
 L 13.22/2:968

Leaflets. • Item 783

L 13.11:(nos.)

- 1493 10. Publications of Women's Bureau currently available. Revised Sept. 1968. 8 p.
- 1494 harrow 8° †
 1494 45. Why not be a mathematician? carcers for women. [1968.] [7] p. il. narrow 8° Paper, 10c.

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



INDEX

MONTHLY CATALOG JANUARY 1969

NOTE.—Entries appear in this index under subjects or titles, Bulletins, circulars, etc., having no specific subjects are entered under the issuing office only. Index citations are to entry numbers in the catalog.

Chery handers the the catalogs	
Α	Addresses, lectures, etcContinued
	by—continued Baranowski, Frank P., 197
A.R.S. series, 2-9	Darum Bodnoy L. 912A
Aamot, Haldor, W. C., buoyancy stabilized	Bornnor Edward J 1275, 1298
hot point drill for glacier studies, 155	Brimmer Andrew F. 650, 652, 655-656
Abernethy, R. F., colorimetric method for	Brownstein P. N., 767
A.R.S. series, 2-9 Aamot, Haldor, W. C., buoyancy stabilized hot point drill for glacier studies, 135 Abernethy, R. F., colorimetric method for arsenic in coal, 974 Abarrations, see Distortions.	Baranowski, Frank F., 194 Borum, Rodney L., 212A Brenner, Edward J., 1275, 1298 Brimmer, Andrew F., 650, 652, 655–656 Brownstein, P. N., 767 Chartener, William H., 308, 317
Aberrations, see Distortions.	David Asthur A 783
Ablating materials, radio frequency trans-	Deming, Frderick L., 1477, 1480
mission characteristics, 1102	Devis, Arthur A., 180 Deming, Frderick L., 1477, 1480 Dickey, James, 908 Evans, John E., 778
Absorption : absorption rate sticking probabilities for	Evans, John E., 778
oxygen on columbium and dilute colum-	Fanseen, James P., 040
	Fowler, Henry H., 1479
optical, in fused silica during TRIGA pulse	Freeman, Orville L., 20
irradiation, 1015	
Abstracts, see subjects.	Haar, Charles M., 784, 786
A apploration :	Hearn, George II., 000
angular, head position on habituation of	Howe, Harold 11, 582, 589
vertical hystagmus, 209	Hummel, Don, 763, 766, 780
afforts on human performance and puse-	Johnson, Willfid E., 205
ology with special reference to trans-	Katz, Jacob E., 213
TOTO 0 81	Kincaid, John F., 310 Lattu, Onnie P., 793
rolation of signal light intensity to puyst	Lattu, Onnie P., 195
ologic end points during +G. accelera-	Lewis, Charles A., 214–215 McGuire, Marie C., 769, 782
tion 88	Meteol Shorman I 651
Accelerators, National Accelerator Labora-	Maisel, Sherman J., 651 Minetti, G. Joseph, 256
tory ground-breaking ceremony (remarks),	Mitchell, George W., 653
204	Peterson, Esther, 876
Accounting machines, current industrial re-	President Johnson, 1440, 1444
Accounts and accounting, Army internal re-	Ramey, James T., 207 Rahey, James T., 207
	KONETISUL, J. L., UUI
	Rosfeld, A. E., 764
fects in aiding accommodation of men to	Russell Harold, 1919
altituda 00	Schnellbacher, E. E., 819–820
tootio and thermal stability of ethylene-	Schnittker, John A., 27, 61
dinitrilatotrageorie acid and its sails, inco	Seaborg, Glenn T., 198–199, 202–204,
of decomposition in solleous solution uc-	208 Smith, C. R., 309, 314–316
tormined by NMR IPCHIIUUUS, 14010	Surrey, Stanley S., 1481
Acidosis, stress response in chronic hyper-	Tape, Gerald F., 200
capnia, 919 Acids, reactivity and interaction of, spectral	Taylor, H. Ralph, 765
characteristics, USSR study, 836	
	Watson, W. Marvin, 1300-3, 1001 0
	Weaver, Robert C., 100, 101
AN RNA METSINIISII OL SUINAI INVUNCUTURS	FINC SI BELLES, OUD OND
under conditions of hyperiunction, mato	MASP series 915-916
ahomical data USSK SUGV, 545	Adolaida ausdrangle, Calif., Midule Miocene
and litigation State by State summary of cases reported, 1946-61, lists, 1360	in Con Luis Obisho Colling, Call.
of cases reported, 1940-61, lists, 1900	Adelfang, S. I., study of Jimisphere wind
Acts of Congress, see Law.	profiles as related to space venicle design
Actuarial notes, 1386–87 Acute somatic effects in primates of protons	and operations, study, 1023
to 100 MoV 82	4 (40 Jamamia model of Seruri V.
Adomo Tomos I Synthesis of number re	
SDODSO ID PLOSPH-100D LTACKING LASKS, 1017	Logitar 1004
Adams, John G., remarks, Nov. 21, 1968	
257	Adhesion: absorption rate sticking probabilities for
Addresses, lectures, etc. :	oxygen on columbium and dilute colum-
bv→	bium-zirconium alloys, 1105
Adams, John G., 257	self-adhesion of metals, influence of gase-
Andrews Archie M., 821	ous environment, 1091
Baker, John A., 25, 37, 59-60	
	dex: see indicated entry Page 101
Do not order from in	dex; see indicated entry Page 101

ł

Adhesives :

barnacle cement as dental restorative adhesive, 1185 electroadhesive

devices, applications. study, 1028 Adiabatic demagnetization, see Cooling.

- Administering the international search, 1275 Administrative management :
 - administrative approaches to staff develop ment in public welfare agencies, 138 1384 Air Force
 - scientific and technical officers, improve-ment of procurement, utilization, and retention of high quality, 79 worldwide personnel data system, 74
 - Army programs, line of balance, AMC
 - Defense
 - pamphlet, 133 cfense Department, correspondence courses, Industrial College of Armed Forces, information booklet, 556
 - farm financial management research, theo-
 - retical analysis, 570 fish and resident wildlife on Federal lands, by States, hearings, 461 improve detailing of civilians employed at military installations, GAO report, 714 life cycle management model for Army

 - systems, 140 national parks and national monuments of scientific significance, compilation of policies, 1215
 - national recreation areas, etc., compila-
 - tion of policies, 1216 policies of National Park Service, compila-tion, historical areas category, 1214 specialists and generalists, selection of
- readings, 476
- Adolescents, see Youth. Adorskio, Rita J., natural dyes in United States, 1204 Adults, hearing status and ear examination
- adults, United States, 1960-62, findings, 1354
- Advisory Commission on Intergovernmental
- Relations, general information, 1 Advisory committees, PHS public advisory groups, authority structure, functions, Autority structure, 1343 1343 AEC, see Atomic Energy Commission. Aerial photography:

television cloud photography, meteorologi-cal satellite data, catalog, ESSA 1, 617 Aerodynamics:

Characteristics

- computing program for axial distribu-tion of normal force for axisymmetric multistage launch vehicles, errata, 1048
- 1048 parasol-wing-body combination utilizing favorable lift interference at Mach numbers from 3.00 to 4.63, 1081 transonic, of powered models of several Apollo launch-escape vehicle configu-rations, 1075
- low-speed high-lift, of one-fifth scale variable-sweep supersonic transport, wind-tunnel investigation, 1076
- see also Airplanes-Shock (mechanical)-Wings (aircraft).
- Aeroelasticity, aeroelastic divergence of two experimental unguided launch vehicles, analysis, 1077
- Aeroembolism, decompression sickness in simulated space flight, treatment, 85

Aeromedical reviews, 80-81

- Aeronautical charts, see Maps and charts.
- Aeronautical Exposition in United States, International, see International Aeronautical Exposition in United States.
- Aeronautical supplies, spare parts, need for more competition in procurement of, Defense Dept., GAO report, 712

Aeronautics :

- air transport services, Union of Soviet So agreement with Socialist Republics, 1452
- rtial revision of radio regulations, Geneva 1959, with final protocol, report, partial 438
- 438 skilled avlation personnel, national pro-gram for training, preliminary design study, 559 see also Spacecraft. Aerosols, disinfection method in presence of viral infections, USSR study, 863 Aerospace, see Outer space. Aerospace environment, see Environment. Aerospace wedicine, see Medicine. Aerospace vehicles, see Spacecraft. Afghanistan, technical cooperation, agree-

- Afghanistan technical cooperation, agreement, 1449 Frica, West Africa conference on Africa.
- nutrition Agar
- and child feeding, proceedings, 1345 gar citrate mannitol agar medlum for separating Escherichia coli paracolons from Shigella, 83 Age :

 - and disability, effect on access to public income-maintenance programs, 1394 middle-aged and older workers full em-ployment act of 1968, bill text and sec-tion-by-section analysis, 497
- Aged :
 - adequacy of employment services for older workers, hearings, 455 food guide for older folks, 38
 - health insurance, directory of providers of services-

extended care facilities, 1389 home health agencies, 1389A 1389

hospitals, 1390

independent laboratories, 1391

- independent laboratories, 1391 housing for the elderly— community improvement in Wilmerding. Pa. (address), 769 life safety from fire, guide, 785 status (address), 782 usefulness of model cities program to the elderly, hearings, 456 Aggregates, preplaced concrete, resistance to freezing and thawing, 604 Aging, Special Committee on, Senate, hear-ings, 455-456 Aggricultural commodities, see Agricultural products. products.

Agricultural conservation program :

annual reports

farm credit act of 1933, amend, hearing, 386

farm credit system, functions and organiza-

tion, 620 Federal farm loan act, amend, hearing, 386 Agricultural products:

agricultural commodities, agreement with-

Bolivia, 1455 Indonesia, 1451

and agricultural exports directory, food 667

food and farm products, USDA grade names, 507 foreign trade, by countries, 1966-67 fiscal

year, 575 handbook of agricultural charts, 31

- marketing research reports, 43-44 Agricultural Research Center, E Beltsville. Md., land conveyance to Hall sisters, hearings, 387
- Agricultural Research Service, ARS series, 2-9
- Agricultural Stabilization and Conservation Service, serial photography status maps,

Agricultural statistics, see Agriculture.

Page 102

Do not order from index; see indicated entry

Michigan, 23 Montana, 24 Agricultural credit :

- Agricultural trade development and assistrestrictions against alcoholic beverages, hearings, 387
- Agriculture: ricultural development and expansion in Nile Basin, 574 agricultural
 - in Nile Basin, 574 agricultural economic reports, 565-568 agricultural trade, South Africa, 1970 and 1975 projections, 572 agriculture handbooks, 28-31 Brazilian situation, a look ahead, 571 census, 1964, final reports, 250 Far East and Oceania situation, 1968 mid-year review, 573 farm financial management research

 - year review, 015 farm financial management research, theoretical analysis, 570 foreign agricultural economic reports, 574 Foreign Agricultural Service, miscel-laneous FAS-M series, 667
 - foreign development, answers to problems came from U.S. training, 56 handbook of agricultural charts, 31 legislation enacted, 90th Congress, review,

 - 384
 - major uses of land and water in United States, summary, 568 scientific research, USSR, 855
- statistics, 32 Agriculture Committee, House :
- committee print, 384 hearings, 385–387 report, 374 Agriculture Department :

- careers, profiles, 45 chemical compounds authorized for use under USDA poultry, etc., inspections, programs, lists, 508

- Programs, lack, occ leaflet, 42 marketing research reports, 43–44 miscellaneous publications, 45–50 PA [program aid] series, 51–55 poultry and egg inspection and
- grading programs, plants operating under, list, 509
- registered agricultural pesticide chemicals, herbicides, defoliants, desiccants, plant regulators, summary of uses, 20 telephone directory, 62 USDA at work in northern New Mexico,
- 63
- Air :
- equilibrium dissociated, approximate re-lations for laminar heat transfer and shear-stress functions, errata, 1049 radiation field in air due to distributed gamma-ray sources in ground, 186 Air bases, planning and design, theater of
- operations, Army technical manual, 174
- Air carriers:
- air transport services for U.S. contractors in Vietnam, difficulties in arranging, GAO report, 706 certificated, route airport activity statis
 - tics, 621
 - commercial aviation from 1926 to date, growth, etc. (remarks), 257
 - loans, Government guaranty, amend act,

 - Joans, Government guaranty, and a despination, 404 local service industry, problems and challenges (address), 256 supplemental, terms, conditions and limita-tions of certificates to engage in air transportation, CAB economic regula-tions 255 tions, 255
- Air drop operations :
- airdrop of supplies and equipment, Army technical manual, 179
 loading environment and related require-ments for platform rigged airdrop ma-terial, military standard, 543
 Air Force:

 - career opportunities-
 - physicians, 106
 - ROTC cadets, 76

- Air Force—Continued careers for officers, aerospace leadership, guide, 67
 officers, scientific and technical, improve-ment of procurement, utilization, and retention of high quality, 79
 worldwide data personnel system, 74
 Air Force Academy, Colo.: assembly, 1967, final report, 64
 assembly, 1968, final report, 65
 Air Force Department: Air Force Academya, 68-73
- Air Force pamphlets, 74–73 Air Force pamphlets, 74–75 Personnel Research Laboratory, technical report, 79
- report, 79 savings attainable by preventing condem-nation of economically repairable equip-ment, GAO report, 723 Air Force Nurse Corps, see Nurse Corps, Air
 - Force
- Air inlets (aircraft) :
- engine, particle separator for CV-7A air-craft, design and component test, 180 Air jets, conveyors, for seed cotton and cot-
- tonseed handling, 4 Air mail, 13-cent Human Rights Year com-
- memorative aerogramme (poster), 1304
- Air pollution :

 - air quality act— criteria, hearings, 500 law. compilation, 493
 - progress in prevention and control report, 433 control regions, designate,

 - report, 433 air quality control regions, designate, report, 433 clean air act, law, compilation, 493 environmental quality, national policy, congressional white paper, 418 laws, compilation, 493 politics of pollution, transcript of radio presentation, 1344 prevention and control, progress report,

 - 433
 - role of science and technology in pollution abatement, congressional white paper, 418
 - tall stacks, various atmospheric phenom-ena and related aspects, bibliography, 1349
 - Thanksgiving 1966 air pollution episode in Eastern United States, 1341 Pollution Control Administration, see
- Air National Air Pollution Control Administration.
- Air quality act, see Air pollution.
- Air Quality Advisory Board, establish, law,
- compllation, 493 Air raids, U.S. halts bombing of North Viet-Nam, 1440

Air Resources Laboratories, ESSA technical memorandums, RLTM-ARL series, 613

Air speed :

- ir speed: critical-speed analysis of rigid rotors on flexible foundations, 1084 effects of reduced, for landing approach on flying qualities of large let transport equipped with powered lift, 1059 hypersonic, X-15 airplane and model, flow-field investigations, 1061 subsonic and transonic speeds, effect on base drag of recessing bases of conical bodies. 1064

- subsonic and transonic speeds, effect on base drag of recessing bases of conical bodies, 1064 transonic speeds, effects of flexibility on lift and pitching moment characteristics of series of low-aspect-ratio wing-body combination at, 1051
- Air traffic:
 - control-107 en route,
- en route, 107 facility operation, change, 624 terminal, change, 108 Air traffic controllers, control specialists, examination announcement, 275 Air transporteding see Aeronautics Air Air transportation, see Aeronautics-
- carriers-Transportation.

Do not order from index; see indicated entry

Aircraft

analysis alysis of numerical integration tech-niques for real-time digital flight sim-ulation, 1117

arrow-wing-body a of 1.60, 2.36, model at Mach numbers 6, and 2.96, flow-field properties, 1060 measurement of

properties, 1060 measurement of atmospheric dewpoint from aircraft, 1262 operating cost and performance, report, 1966 and 1967 calendar years, 253 path of jet directed at large angles to subsonic free stream, 1132 purchase loans to air carriers, Government guaranty, amend act, hearing, 404 slender wing-body combinations exhibiting leading-edge separation. aerodynamics

leading-edge separation, aerodynamics theoretical investigation, errata, 992

STOL transport aircraft, flight tests un-der, IFR, 1143

subsonic and supersonic, fluid mechanical

problems, report, 1041 subsonic jet transports, calculated filght-measured handling-qualities calculated and factors, 1068

supersonic flow field about axisymmetric body with N wave pressure trace, esti-mate, 1141

transport, V/STOL concepts, short-haul

feasibility, suplement, 993 V/STOL, quad configuration, ducted-pro-peller, model, investigation, longitudinal dynamics at high duct incidence data report, 181 VTOL

- comparison of information display con-cepts for landing, 1086 jet, hot gas recirculation and ingestion
- generalized tion. 1003 experimental investiga-

see also Spacecraft. Aircraft engines, see Engines (aircraft).

Aircrews, see Flight crews,

Airdrop operations, see Air drop operations. Airfields, see Aviation fields-Pavements. Airlines, see Air carriers

Airmen, usage of combined airman certifi-cation by active airmen, an active airman population estimate, 210

Airplanes:

large jet transport equipped with powered lift, effects of reduced airspeed for land-ing approach on flying qualities, 1059

supersonic transport-

low subsonic flight and force investiga-tion of model with variable-sweep tion of model wing, 1053 variable-sweep

wind-tunnel investigation of low-speed high-lift aerodynamics of one-fifth scale variable-sweep, 1076 i propeller deflected slipstream STOL odel with boundary-layer control on

twin inverted V-tail, aerodynamic character-istics, 1082 model

15, and model up to hypersonic speeds, flow-field investigations, 1061 X Airports:

activity statistics of certified route air

carriers, 621 airport emergency operations planning, 622 see also names of places where located,

Airstreams, high-temperature, evaluation of coated molyl and columbium alloys, 1100 supersonic molybdenum and

Alabama : mineral industry, minerals yearbook chapter, 945

pollution of interstate waters of Coosa River and its tributaries, conference proceedings, 662 Alaska :

Alaska

of Secretary file of Treasur: pamphlet to accompany microcopy, 1165 interior, large aspen tortrix, Choristoneura conflictana (Wikr.), 679 Alaska-Continued

Alaska—Continued
 natives, national policy resolution, promote improved conditions, report, 439
 Albers, James A., design-point performance of double-containment tantalum-and-stainless-steel mercury boiler for SNAP-8, 1137
 Alcoholics, rehabilitation, report, 1368
 Aldabra Atoll, Indian Ocean, ecology, 1380
 Alder Creek mining district, Idaho, geology, 729

Alewives, control in Great Lakes, hearings, 409

Alfalfa, varieties, 36 Alfaro-Bou, Emilio, ballistic limit of alu-minum plates determined by exploding oil gun technique, 1047 Algeria, Spanish Sahara boundary, study, 7445

1445

Alkyl benzene sulfonates, see Sulfonates. Alloys, copper-rich Cu-Ni-Fe alloys, Müss-bauer effect study of magnetic ordering, errata, 1180

see also names of metals, etc. Allsman, Paul L. :

cement. 930

lime, 943

Alterman, Jack, capital flow matrix, 896 Alternators, see Electric generators.

Althouse, Edwin L., production of tempera-tures below 1°K by adiabatic demagnetiza-tion of CHP glass, 1258 Altitude :

- accommodation of men to altitude, psycho-motor effects of low doses of acetazol-amide, 99
- effects of two antihistamine-containing compounds upon performance at 3 altitudes, 211

glucose tolerance in dogs exposed to alti-tude and drug administration-amphetamines, 95

demerol, 96

diphenhydramine, 94

helicopter height velocity diagram effects, investigation, 1050

Aluminum, plates, ballistic limit determined by exploding foil gun technique, 1047 see also names of articles manufactured

from aluminum.

AM series, 209-211

merican Association of State Officials national conference American State Highway rence Committee on Electronics, proceedings, 1361

American Chemical Society, men and mole-cules broadcast, politics of pollution, tran-script of radio presentation, 1344

American Indians, see Indians.

Ammonium nitrate, reactivity of ammonium nitrate-fuel oil with pyrite-bearing ores, 975

Ammunition, research and development at Picatinny Arsenal, Dover, N.J., improve management, GAO report, 713

Amortization, see Mortgages. Amphetamines, glucose tolerance in dogs exto altitude and drug, administraposed tion, 95

Amplifiers, modular servoamplifier for fast-response electrohydraulic control sys-tems, design and analysis, 1115

Anadromous fish, see Fish and fisheries. Anaerobes, laboratory methods in anaerobic bacetriology, NCDC laboratory, manual,

Analysis. 8ee names of substances. analyzed. etc.

Analytical investigation of incompressible turbulent swirling flow in pipes, 1006 Analytical Mass Spectrometry Section, sum-

mary of activities, 1179 Anchor worm, parasites of freshwater fishes,

miscellaneous, 1410

And answers came from his U.S. training, 56

Page 104

- Anderson, B. A.: surface water records to Sept. 30, 1967, Index
- North Atlantic slope basins, 736 St. Lawrence River basin, 737 Anderson, G. R., conversion of standard re-frigerator to biological incubator, 3

- Anderson, Robert S.: Army Medical Specialist Corps, 183 medical supply in World War II, 184 Andrew, Archie M., address, Oct. 15, 1968, 821
- Anerartiinae, see Moths.
- Angle of attack :

 - effects, on shock-layer properties of 15^{*} cone at Mach number of 10.6, 1124 heat-transfer and pressure distribution on spherically blunted 25[°] heat-angle cone at Mach 8 and angles of attack up to one 1554 at Mach 90°, 1056
- at Mach 8 and angles of attack up to 90°, 1056 Animals, see Fur bearing animals—Game and game birds. Annealing, notch ductility properties of SM-1A reactor pressure vessel following in-place annealing operation, 1260
- Annelids
- genus Pterodrilus, annelida, Branchiobdel-lida, descriptions, etc., 1210
- genus Pterourilus, annenda, isranchiodel-lida, descriptions, etc., 1210 Moore on Hirudinea with emphasis on his type-specimens, 1207 Annuites, see Peusions. Annuiar lithium-drifted germanium detector
- for studying nuclear reaction gamma-rays, 1001
- improved inert-cathode/magnesium-Anodes, anode sea-water battery, characteristics, 1259
- Answers for doctors, what social security disability program means to you and your patients, 1399 Anthractic, see Coal. Anthropology, Smithsonian contributions,
- Anthropology,
- 1382 Antihistimic drugs, antihistamine-containing compounds, effects of 2 upon performance at 3 altitudes, 211 Antilles, Lesser, caddis flies, trichoptera, de-scription, etc., 1208 Antitrust laws, see Monopolles—Trusts (industrial)

- (industrial). APCL, see Atmospheric and Physics Chem-istry Laboratory.
- Apertures, circular, in ground plane cov-ered by homogeneous dielectric or plasma slab, input admittance and reflection coef-
- ficient, 1008 Apollo project, see Project Apollo (man-in-
- Apoilo project, see Project Apoilo (man-in-space program). Apoilo spacecraft, see Spacecraft. Appalachia, fish and wildlife, effects of sur-face mining, report, 1427 Apples, components, effects of microwave de-hydretian 9.

- Appropriations, supplemental, 1968, pay increases, proposal, 358 Approximations, analytic, for application to spacecraft optical navigation on short data arcs, 1088 Aqueous solutions
- data arcs, 1085 Aqueous solutions, water and aqueous solu-tions at high pressures and temperatures, properties, 806 Arbuckle Recreation Area, general informa-tion, 1228 Arc melting, see Melting.

Arc melting, 3ee Melting. Archeology: Archeology, Bad River phase, 1381 publications in salvage archeology, 1381 Arches, production opportunities in Tennes-see Valley, 1474 Architect of Capitol, payroll activities, GAO review, 721 Architects: architects:

- - radiation shielding for, fundamentals of--analysis, 267 application, 268 planning, 266 urban design-athon, 591

Architecture :

- dennitive designs for naval shore facilities. 1236
- health research laboratory design, 1193 health research laboratory design, 1153 highway bridge plans, concrete super structures, 1362 planning and designing functional facili ties for industrial arts education, 584 Archives, Confederate States of America
- of America, le. 1159 archives of government guide, 1159 retic Ocean, lights and fog signals, list, Arctic Ocean
- change, 1246 Area handbooks

 - Cambodia, 168 Tanzania, 170 Thailand, 169
- Area wage survey, see Wages. Argentina, records of Department of State. pamphlet to accompany, in. microcopy, pamphi ternal affairs, 1161
- Argon, elastic scattering of 21 MeV protons. 1138

Arias, Alan : feasibility

- of producing dispersio 1 feasibility of producing dispersion strengthened chromium by ball-milling in hydrogen halides, 1127 role of chemical reactions in mechanism of comminution of ductile metals into ultrafine powders by grinding, 1087 cikara Indians, archeology, Bad River reactions of the strength of the s
- Arikara
- phase, 1381 Arizona, Superintendency of Indian Affair. pamphlet to accompany microcopy, 1167 Arkansas, mineral industry, minerals year-
- book chapter, 946 rkansas River an

Arkansas River and Valley, Fort Smith reach, navigation conditions, 607 ARL, see Air Resources Laboratories.

- Armed Forces : capsule facts for Armed Forces (series), 109-131
 - Federal income tax information for per-sonnel, 1968 returns, 870
 - members.
 - bandlcapped dependents of members benefits, 757 legislation affecting, 90th Cong., 2d seas hearings, title puge, contents, an ant

hearings, the provide the index, 989 life insurance, servicemen's group, annual report, 1484 NATO status of forces treaty, criminal invisdiction operations, report, 451 procurement regulation, 525

- and situation in Europe in Forces rorces in Europe and situation in Czechoslovakla, report, 470 troops in Europe, report, 468 VA-Armed Forces Pulmonary Diseases Re search Conference, transactions, 1487

DoD Armed Forces Information Service,

- pamphlets, 109-132
- Armed services, see Armed Forces. Armed Services Committee, House :
- activities, 90th Congress, report, 391 committee print, 391A hearings, title page, contents, and index.
- report, 390 Armed Services Committee, Senate : committee prints, 457, 468 report, 451
- Armed services papers, 390-391 title page, contents, and index, 389

Arms (firearms), see Firearms

Armstrong, Ernest S., combined Newton-Raphson and gradient parameter correc-tion technique for solution of optimal con-trol problems, 1147

Army

- airfield and heliport, rigid and overlay pavement design, technical manual, 177 177
- airfield pavement, flexible, evaluation, evaluation of airfield pavements other than Army, Army technical manual, internal review guide, pamphlet, 142 manual.

Do not order from index; see indicated entry

Army-Continued

rmy—Continuen line of duty and misconduct determina-tions, 141 M-16 rifle procurement, additional report,

medical supply system during World War

- II. 184
- military personnel, dependents traveling to overseas areas, information pamphlet,
- pathfinder operations, field manual, 137
- procurement and production, manufactur-ing methods and technology 5-year program, 173 procurement
- ocurement legal service pamphlet, cum-ulative index-digest, table of materials
- publications, price list, 1326 systems, life cycle management model, 140 troop topics, 143
- United States Army in South Vietnam, 143 Army
- 143 rmy Aviation Materiel, Laboratories, tech-nical reports, 180–182 rmy Corps, Women's see Women's Army Army Corps,
- Corps. Army Department :

- rmy Department : ammunition research and development at Picatinny Arsenal, Dover, N.J., improve management, GAO report, 713 civilian personnel pamphlet, 134 field manuals, 136-137 lend concurrence to Messechusette report
- conveyance to Massachusetts, report, pamphlets, 140--172 publications, price list, 1326 technical manuals, 174--179 Army Materiel Command : AMC pamphlet, 133 Army programs, line of balance, 133 meaning programs, line of balance, 133
- Army programs, ine or batance, 155 manufacturing methods and technology, 5-year program, 173 cmy Medical Service, see Medical Depart-Army
- ment, Army. my Medical Army
- Specialist Corps, historical
- Army Medical Specialist Corps, historical account, 183 Army National Guard, see National Guard. Arrington, James P., heat-transfer and pres-sure distributions due to sinusoidal dis-toritons on flat plate at Mach 20 in helium,
- ARS series, 2-9
- Arsenic, colorimetric method for arsenic in coal, 974
- Arson, riots, looting, and burning, subversive influences, hearings, 425–426 Art, history, 1967, National Gallery of Art, report and studies, 1183
- Asbestos, exposure to, workmen's compensation claims arising, parallel study, 206
- Ash (tree): trends of fibril angle variation in white
- Ash (tree). trends of fibril angle variation ash, 689 Ashida, James H., basic data on economy of Nigeria, 313 Ashizawa, Roy Y., mineral industry of Ha-
- East Asian and Pacific series, 1439-40 opinions of Asian and Pacific leaders on Vietnam war, 132 southeast-
 - Coast Guard activities, Congressional in-Coast Guard activities, Congressional in-vestigation of operations and instal-lations in Thailand and South Viet-nam, report, 410 vessels activated for use in, need to im-prove procurement procedures for out-fitting, Maritime Administration, GAO report, 716
- Aspect ratio, see Wings (aircraft) Aspen, Populus species with
- on P. tremuloides, literature surphasis vey. 675
- Aspen tortrix, see Moths.

Asteroids, Asteroid/Jupiter missions, space fight investigations, opportunities for par-ticipation, 1150 Astronautics :

manned space flight.

- manned space light, water-sait metabo-lism during spaceflight, 854 space flight hardware microbiological ex-amination, NASA standard procedures, 1045
- space flight investigations,
- spice light investigations, opportunities for participation, 1150-53 submillimeter waves in space, problems and programs on use of, 1040 treatment of decompression sickness in
- simulated space flight, 85 Astronauts
 - Apollo astronaut, lunar surface transmis-sion loss, 1129 borderline medical problems and fitness for
 - flying, 86
- discrimination of increases in brightness of flashing beacon, 1029 Astronomy
 - shoone astronomy missions, during 1969, space flight investigations, opportuni-ties for participations, 1152 submillimeter waves in space, problems and programs on use of 1940.
- submittimeter waves in space, problems and programs on use of, 1040 Atlantic Const: surf clams, history, etc., 320 surface water, temperature and density,

- Atlantic Ocean, tropical storms and hurri-canes, climatology, errata, 616 Atlantic Oceanographic Laboratories, ESSA technical memorandums, ERLTM-AOL
- series, 611 Atlantic States, North Atlantic slope basins surface water of basin, records to Sept. 30, 1967, index, 736

 - catalog of copyright entries, forest atlas of Northeast, 669 517
- turkeys, myology and osteology, 196
- Atmosphere :
- atmospheric dewpoint measurement from atmospheric emissions
 - process phosphoric acid manufacture,
 - atmospheric limits on observational capabilities of aerospacecraft, 1144
- bilities of aerospacecraft, 1144 human dimensions of atmosphere, 1232 Mars, 1967, models, 1044 slurry explosives for use in potentially fammable gas atmospheres, develop-ment, 977 stratified, development of sonic-boom sig-natures 1100

- natures, 1109 tall stacks, various atmospheric phenom-ena and related aspects, 1349 Atmospheric and Physics Chemistry Labora-tory, ESSA technical report, ERL-APCL series, 615 Atmospheric entry : radiative and converting be the
- Atmospheric entry: radiative and convective heating, 1007 reentry equations with 4 degrees of i dom, computer mechanization, 1036 Atoll research bulletin, 1380 Atolls, see Coral reefs and islands. free-

- Atomic auxiliary power generators, SNAP-8, design-point performance of double-con-tainment tantalum and stainless steel mercury boiler for, 1137
- Atomic energy :
 - energy utilization growth (remarks), 205 international nuclear industry, 1968 re-port (remarks), 201 mound builders of nuclear age (remarks), 202

 - nuclear
 - iclear industry 1968 and beyond (re-marks). 203

 - program, hibliographies, 192 studies of sites for nuclear facilities, Brookhaven Nat'l Laboratory (series).

Page 106

-Continued

power industry nuclear competition among suppliers, study (re-

marks), 207 Atomic Energy Commission: AEC research and development reports, AEC 185-196

180-190
 biology and medicine, research and devel-opment in progress, 193
 Health and Safety Laboratory, fallout program, quarterly summary report, 187

appendix, 188

appendix, 188 procurement of certain products from pri-vate industry by, 720 Atomic warfare, world of nuclear powers? Air Force Assembly, final report, 64 Atomic weapons, see Weapons. Atoms, all-Union conference held in Minsk, on peaceful uses of atom, USSR, 839 Attitude (accrebalowy).

- on peaceful uses of . Attitude (psychology) :
 - aircrew attitudes and job satisfaction trends. wives' report, 100 Cincinnati police-juvenile attitude project, a demonstration project in police-teacher curriculum development to improve police-juvenile relations, 872

Attorneys, see Lawyers. Audiometry, use of circumaural earphones, 926

see for audit reports, names of cor-Auditing. porations, etc.

- Auroras, airglow and auroral phenomena, space flight investigations, opportunities for participation, 1151 Austria, records of Department of State,
- Austria, records of Department of State, microcopy, pamphlet to accompany, in-ternal affairs, 1164 Austria-Hungary, records of Department of State, microcopy, pamphlet to accompany, internal affairs, 1164 Automatic data processing equipment, see Electronic data processing systems.
- Automation :
 - manpower and automation, work force ad-Justments in private industry, their im-plications for manpower policy, 878 manpower, research monographs, 878 telemetric automated microbial identifica-

tion system and subsystems, 80

- Automobiles:
- excise tax. impose on concrete mixers, re-

excise tax, impose on expected expendi-port, 453 recent purchases and expected expendi-tures, report of U.S. households, 246 tax rates, extension, amendments, summary, 432 Aviation, see Aeronautics.

Aviation fields, pavements, evaluation of air-field pavements other than Army, flexible airfield pavement evaluation, Army technical manual, 178

nical manual, 178 Aviation support equipment technicians, 1 & C. Navy training course, 1247 Aviators, pilot performance, transfer of training and degree of simulation, non-jet experienced pilots versus simulation fidelity, 1255 Awards (arbitration): National Railroad Adjustment Board, 1231 Awoshika, Katsuyuki, application of simili-tude to model design of soil projectile sys-tem. 1027

- tude to model design of soil projectile sys-tem, 1027 Axles, classification definitions, 1294 Azirdinyl chemosterilants for house files, 2

R

Bachman, George O., geology of Mockingbird Gap quadrangle, Lincoln, and Socorro Gap quadrangle, Lin Counties, N.Mex., 749 Background notes, 1436

Bacteria and bacteriology : rapid identification of microorganisms by continuous particle electrophoresis, 102

Bacteria and bacteriology—Continued telemetric automated microbial identification system (TAMIS) and subsystems, 80

Endotoxins-also names and Ree also

wee also Endotoxins—diso names and classes of bacteria. Bad River and Valley, Arikara archeology, Bad River phase, 1381 Bags, sacks, etc., trade and tariff informa-tion, summaries, 1461 Bahamas, capsule facts for Armed Forces,

116

116 Bahrain, capsule facts for Armed Forces, 126 Baker, H.R., preservative-lubricant for small-arms, 1265 Baker, John A.: addresses, etc.— Aug. 22, 1968, 25 Sept. 9, 1968, 60 Sept. 16, 1968, 59 Sept. 21, 1968, 37 Baker, Roy V., seed cotton and cottonseed handling with air-jet conveyors, 4 Balance of payments:

Balance of payments: capital flows, since 1965 (paper), 650 capital flows, since 1965 (paper), 650 interest equalization tax act on foreign summary, 464 Treasury Department recommendations, summary, 465 Ball bearings, see Bearings (machinery). Ballistics, ballistic limit of aluminum plates determined by exploding foil gun tech-nique, 1047 Balloons, jimsphere wind profiles as related

- Balloons, jimsphere wind profiles as related to space vehicle design and operations, study, 1023
- bamburger. Brie N., fatigue life of 120-mm bore ball bearings at 600°F with fluro-carbon, polyphenyl ether, and synthetic parafinic base lubricants, 1079

and check-credit plans, Bank credit-card hearings, 459

Bank mergers, see Banks and banking. Banking, see Banks and banking—Federal intermediate credit banks.

- intermediate credit banks. Banking and Currency Committee, House: committee prints, 393, 395 hearings, 394 investigations and studies, housing, etc., authorization, report, 375 subcommittee report, 392 summary of activities, report, 395 travel authorization, report, 375 Banking and Currency Committee, Senate: hearings 450,460

- Banking and Con-hearings, 459-460 report, 448 Banks and banking: assets, llabilities, capital accounts, com-mercial and mutual savings banks, 631 bank credit-card and check-credit plans, hearings 459
 - hearings, 459 commercial bar hearings, 459 commercial banks, trust activities and emerging influence on American econ-omy, staff report, 392 print additional copies, report, 379 Federal Reserve discount policy in per-spective (paper), 652 financial institutions and urban crisis,

hearings, 460

of banking system in getting most out seventies (remarks), 653 Government financial ins

institutions and central banks as they relate to housing, investigation and study, authorization, report, 375

insured banks

- Insured Danks— maximum rates of interest paid, regula-tion, law, 341 report, 632 market structure, public convenience, and regulation of bank mergers (paper), 655 small and medium-sized banks, impact of

computers, 630

see also Banks for cooperatives—Federal Reserve System Board of Governors.

Do not order from index; see indicated entry

Banks for cooperatives, Government capital, expedite retirement, hearing, 386 Baranowski, Frank P., remarks, Oct. 22,

Baranowski, Jitan 1968, 197 Barao de Cocais area, Brazil, geology and mineral resources, 745 Barbados, alien amateur radio operators, Barbados, alien amateur radio operators, authorization to operators, authorization to operate, agreement, 14500 Barduhn, Allen J., hydrate reaction kinetics and ice crystal growth rates, 799 Barger, Raymond L., development of sonic-boom signatures in stratified atmosphere,

1109

Barium, excited states of barium 136 and barium 134, 1139 Barnacles, barnacle cement as dental restora-

tive adhesive, study, 1185 Barns :

8-stall horse, farm building plans. 47 tobacco, 4- & 5-room, farm building plans,

tobacco, 4- & 5-room, farm building plans, 48 Baron, Norton, elastic scattering of 21 MeV protons from nitrogen 14, oxygen 16, argon 40, nickel 58, and tin 116, 1138 Baron, Sheldon, human as an optimal con-troller and information processor, 1004 Barrett, Charles A., absorption rate sticking probabilities for oxygen on columbium and dilute columbium-zirconium alloys, 1105 Bars (metal, etc.):

Bars (metal, etc.) : bending of high strength reinforcing bars, literature review and survey of problem, 600

Barton, William R. dimension stone, 938 stone, 986

stone, 386 Baxtresser. Betty, non-urban patterns of land utilization, 1158 Bayo, Francisco, termination experience of disabled-child benefits under OASDI, 1387 Beaches, time series from beach environment, 611

Beacons, flashing, discrimination of increases in brightness, 1029 Beall, Robert A., cold-mold arc melting and

- Beall, Robert A., cold-mold arc melting and casting, 929
 Beams and arches, laminated production op-portunities in Tennessee Valley, 1474
 Bearings (machinery): 120-mm bore ball bearings at 600° F with fluorocarbon, polyphenyl ether, and synthetic paraffinic base lubricants, fa-tigue life, 1079
 Rayleigh step journal bearing, incom-pressibly lubleated is faster least.
 - bearing,

Rayleign step journal bearing, incompressibly lubricated, infinite-length solution, 1096 stability analysis for unloaded externally pressurized gas-lubricated bearings with journal rotation, 1140 water lubricated herringbone-groove journal, experiment on stability, theoretical considerations and clearner effect.

considerations and clearance effects. 1103

Beauty shops, House of Representatives, funds for expenses, repayment to contin-gent fund, report, 376 Beck, H., radiation field in air due to disrepayment to contin-

- tributed gamma-ray sources in ground,

186 Becker, Robert E., differential resistance of mice at various time levels to lethality of ratilesnake venom Crotalus atrox, 84 Becker, Robert M., multistage probability model of sample reduction in mineral in-dustries, 973 Beckwith, Roy C., large aspen tortix, Cho-ristoneura conflictana (Wikr.) in interior Alaska 679

Alaska, 679

Beers, Henry P., guide to archives of Govern-ment of Confederate States of America, 1159

Beggs deformeter stress analysis of single

Beggs deformeter stress analysis of single barrel conduits, 1364 Behrendt, John C., geophysical study in Grand Teton National Park and vicinity, Teton County, Wyo., 746

Belorussian Soviet Socialist Republic: Communist Party structure outlined, 834 isotopes, conference, 859 Benadryl, glucose tolerance in dogs exposed to altitude and drug administration, 94 Bendsten, B. A., house foundation of treated wood after 30 years' service, 688 Benedict, Manson, effect of uranium 236 and neptunium-237 on value of uranium used as feed for thermal power reactors, 189 Benjami, William, specifications for com-prehensive undergraduate and in-service teacher education program for elementary teachers, 588

teacher education program for elementary teachers, 588 Bernardini, Albert T., glucose tolerance in dogs exposed to altitude and drug ad-ministration, diphenhydramine, 94 Berrier, Bobby L., transonic aerodynamic characteristics of powered models of sev-eral Apollo launch-escape vehicle config-urations, 1075

Berson, Minnie, early childhood education, 577

Beryllium :

claims arising, parallel study, 206 flotation characteristics of some beryllium minerals and associated over beryllium

erals, 976

Lake George area, Colo., distribution, 738 thin-wall tubing, mechanical properties and column behavior, 1069

BES series, 593

Bhutan, capsule facts for Armed Forces, 130 Blafra, Nigerian-Biafran relief situation, hearing, 467 Bibliography :

aerospace medicine and bioastronautics, 860

tomic energy program. n. 192 Federal

Agency, 623 circadian rhythms, selected references, 623 copyright, list, 521 counselor's guide to manneyer in the

unselor's guide to manpower informa-tion, 895

hardware retailing, 1379

historic books and manuscripts concerning horticulture and forestry in collection of National Agricultural Library, 1157 land utilization, non-urban patterns, 1158

manpower and operations research studies of U.S. Employment Service and State employment services 1958-67, 593

anpower projections for North Central region, 899 manpower

measurement of carrier lifetime in semicon-

ductors, 1181 1963-69 national collegiate debate topic, executive control of U.S. foreign policy should be significantly curtailed, 356 nuclear science in mainland China, 911 populus species with special emphasis on P. tremuloides, 675

reasearch and development, congressional concern, 471 small business, 1378-79

stereotaxic brain surgery techniques, selected readings, 1485 tall stacks, various atmospheric phenom-ena and related aspects, 1349 training retail salespeople, 1378 Veterans Administration series, 1485 stereotaxic

vectorials Administration series, 1485 wood chemistry, 670 see also names of departments, etc., issuing lists of publications. Big game, see Game and game birds. Biggs, Archie A., freplaces and chimneys, 33 Binkley, Virgil W., planning single-span sky-lines, 693

Bioastronautics, bibliography, 860 Bioengineering, impact, on engineering edu-

cation, conference, proceedings, 185 Biogeochemistry, application to mineral pros-

pecting, survey, 1042

Page 108

- ological physics, biophysical studies of microbial cell walls, preparation of isolated cell walls, 1257 Biological
- Biological products, produced and destroyed in licensed establishments, supplement, 21 Biological sciences, see Biology.

Biology :

biological, legal aspects of medical science, USSR articles, 840 biology of hard tissue, conference, pro-

ceedings, 1038 Bredin-Archbold-Smithsonian

biological survey of Dominica, 1208 research and development in progress, 193

- Biometry, notes on biometry in medical re-search, 1488 Biophysics, see Biological physics.

Birch, regeneration, stochastic model, 678 Birds

- Minidoka National Wildlife Refuge, list, 1417
- National Wildlife Refuge, list, 1416 Sherburne National Wildlife Refuge, list, 1418
- Birth :
- records, where to write, 1357 United States citizens abroad, 1965 re-ports, 1330
- Birth control, family planning, nationwide opportunities for action, 759 Biscay, Bay of, sailing directions, change, 1240
- Bituminous coal, see Coal. Black, William R. loading patterns for venti-lated rail and truck shipments of dry onions, 7
- Blades :
- aues: blade slap, helicopter noise, review and theoretical study, 1030 gas turbine, transpiration cooled, oxida-tion resistant materials for, wire speci-men tests, 1012 luraburd. Carel letters of application and
- men tests, 1012 Blanchard, Carol, letters of application and recommendation during administration of Martin Van Buren, William Henry Har-rison, and John Tyler, pamphlet, 1162 Blast shields testing, 1112 Blind, volunteers with vision, 912

- measuring iron metabolism in hematopole-tic centers using iron-59 in presence of chromium-51 and iodine-125, 104 plasma, determining volume, blood volume, and red cells mass with iodine-125, 90 I S report sortes 200
- BLS report series, 889 Blue-collared workers, see Government of
- ficials and employees.
- Blueprints, reading and sketching. Navy training course, 1248 Blum, Robert E., buckling of equatorial seg-ment of spherical shell loaded by its own weight, 1133 Blumstein Alfred retions
- Blumstein, Alfred, national program of search, development, test, and eval tion on law enforcement and crimit and evaluacriminal tion on la justice, 875 Blunt bodies,
- stagnation-region flow with nongray radiation heat transfer, singular perturbation solution, 1148 oating, regulations in National Park Serv-
- Boating, re ice, 1211 Boats, Coa
- 1Ce, 1211 Boats, Coast Guard Auxiliary courtesy ex-amination decal, a part of your boat, in-formation for boatman, 300 Boccrady, Joseph A., effects of surface min-ing on fish and wildlife in Appalachia, 1497 1427
- Bodies of revolution :
 - conical afterbodies, effect on base drag of recessing bases at subsonic and tranrecessing bases at subsonic and tran-sonic speeds, 1064 slender conical bodies with strakes at low speeds, nonlinear lift and pressure dis-
- tribution, 1021 illers, double-containment tantalum-and-stainless-steel mercury boller for SNAP-8, design-point performance, 1137 Boilers,

- studies of Bolivia : agricultural commodities, agreement, 1455 mineral industry, minerals yearbook chapter, 947

 - ter, 947 Bolsenga, S. J., river ice jams, literature re-view, 904 Bombing (aerial), see Air ralds. Bonds, purchase plans, income tax, laws, and regulations, 809 Bonds of United States, liberty loan acts,
 - Bonds of Oniced States, notify four acts, compilation, 350
 Bonneville, Lake, catastrophic late Pleis-tocene Bonneville flood in Snake River Plain, Idaho, 750
 Book stores, see Stores.

Books catalogs of copyright entries, 516

- catalogs of copyright entries, 516 historic, concerning horitculture and for-estry in collection of National Agri-cultural Library, 1157 making, classification definitions, 1276 Bookstores, see Stores.

- Bookstores, see Stores. Boots and shoes, shoes and slippers, current industrial reports, 237 Booze, Charles F., usage of combined airman certification by active airmen, airman pop-pulation estimate, 210 Borderline medical problems and fitness for
- flying, 86 orelli, Michael T., analysis of commutated networks employing feed back circuits. Borelli 1111

Boring

- horizontal boring technology, underground power transmission installation, state-of-art study, errata, 939 or penetrating the earth, classification definitions, 1284
- Boring machinery, see Drills (tools). Borkovec, A. B., aziridinyl chemosterilants for house flies, 2
- Boron, composite structures fabricated with reinforcement materials, 182 Borum, Rodney L., address, Oct. 23, 1968.
- Bortim, Rouney L., zoological taxa of Wil-212A Boss, Kenneth J., zoological taxa of Wil-liam Healey Dall, 1205 Boston, Police Department, reports, records Boston, Police Department, system improvement
- and communications, system improvement study, LEAA project report, 873 Bostwick, Don, farm financial management

research, theoretical analysis. 570 Boundaries :

international-

boundary study, 1444–45 records of preliminary inventory, 1171

- studies-Algeria-Spanish Sahara boundary, 1445 Central African Republic-Chad boun-dary, 1444
- Boundary layer: control on inverted V-tail twin-propeller control on inverted STOL airplane aerodynamic model, 1082
 - and pressure distributions heat-transfer inside hinge-line gap of wedge-flap com-bination, 1126
 - turbulent and transition on plane plate, calculations, errata, 1149
- turbulent, compressible, method of cal-culating, 1002 Boundary-value problems, combined New-

ton-Raphson and gradient parameter cor-rection technique for solution of optimal control problems, 1147

Bowers, R. C. :

- presure effects on friction coefficients of thin-film solid lubricants, 1266 wear and friction studies of neopentyl
- polyol ester lubricants, 1267 Bowls, centrifugal separators, classification
- definitions, 1290 Boyle, Robert J., thermal analysis of shadow
- shields and structural members in vacuum, 1099

Braced wall silo, 46

Do not order from index; see indicated entry

Brackett, R. L., geometric properties of pre-stressed segmented spherical shell, 1032 Bradley quadrangles, Calif., geology, 732 Braid, trade and tariff information, sum-

maries, 1461 stereotaxic techniques, se-

Brain, surgery, stereotaxic te lected readings, 1485 Branchiobdellida, see Annellds.

Brayton cycle

 400-hertz Brayton energy conversion system, electrical component development, summary, 1097
 solar Brayton heat receiver, transient solidification outside cooled pipe with application to 1114 application to, 1114

Brazil

agricultural situation, a look ahead, 571 plant quarantine import requirements, 15 Breckenridge, Roger A., proton-produced de-fects in n-type silicon, 1066

Brenner, Edward J. :

addresses

addresses— Oct. 16, 1968, 1275 Oct. 22, 1968, 1298 Brlckell, James E., method of constructing site index curves from measurements of tree age and height, application to in-land Douglas-fir, 690 Bridges, highway, standard plans, concrete superstructures, 1362 Brimmer, Andrew F.; addresses etc.

addresses, etc.-Oct. 1, 1968, 655 Oct. 28, 1968, 655 Nov. 7, 1968, 656 Nov. 8, 1968, 650

British Honduras, capsule facts for Armed Forces, 120 8ee Radio broadcasting-

Broadcasting, s Radio stations.

Brookhaven National Laboratory : studies of sites for nuclear energy facili-ties (series). 728 vicinity, Suffolk County, N.Y., hydrology,

728

Brooms, trade and tariff information, sum-maries, 1446

maries, 1446 Brown, Gerald V., excitation spectrum for bose gas with repulsive and attractive in-teractions, 1072 Brownstein, P. N., remarks, Aug. 12, 1968, 767

Bruce, Harry W., jr., planning education program for dental hygienists. 1197 Brucellosis, eradication, cooperative State-Federal program, statistical tables, 11 Brushes, trade and tariff information, sum-

Brusnes, trade and tarin information, s maries, 1466 Buckley, Donald H., influence of suri films on friction and deformation of sin crystal and polycrystalline gold, 1098 Buckling, see Shells (structural). Budget of United States: surface single-

planning - programming - budgeting system-

interim observations, study. 472 specialists and generalists, selection of readings, 476

tax assistance for housing, its implica-tions for Federal tax structure and Fed-eral budget (remarks), 1481 udgets, see headings beginning Budget-also names of countries, States, etc.--also names of departments, etc. Budgets.

Budgets (family and personal): incomes or budget costs by family type, revised equivalence scale for estimat-ing, 890

Budy, Ann M., biology of hard tissue, 1038 Building : construction-

nstruction— by contract, Reclamation Bureau safety standards, 1363 facilities for health research, etc., Pub-lic Health Service grants and awards,

Building-Continued

Building—Continued construction—continued home, publications, price list, 1329 materials and practices, builders' hard-ware, Army technical manual, 176 reports residential alterations and re-pairs, 223 Building machinery, construction machinery, current industrial reports, 227 Buildings:

Buildings

- ulldings: demolishing, savings available in Federal share of costs, GAO report, 724 functional, planning and designing for in-dustrial arts eduaction, 584 leasing rather than purchasing land and buildings by Defense Dept, contractors increases costs to Government, GAO re-

increases costs to Government, GAO report, 711
thermal insulation from wood, effects of moisture and its control, 684
Bulletins, see names of departments, etc., issuing bulletins—also subjects.
Bullia, W. Murray, measurement of carrier lifetime in semiconductors, etc., 1181
Bultman, John D., density-gradient column as tool for measuring sea water density, 1268 1268

1268
Burbank, Jeanne, anodic oxidation of 3 representative oxides, plate materials of lead-acid cell, 1269
Burgess, D. S., large-scale studies of gas detonations, 978
Burgin, Vera E., decisions of United States Department of Interior, 794
Burnham, C. Wayne, properties of water and aqueous solutions at high pressures and temperatures, 806
Burshnell, Dennis M., heat-transfer and pressure distributions on spherically hlunted 25° heat-angle cone at Mach 8 and angles of attack up to 90°, 1056

administration graduates, opportunities in General Accounting Office, 725 commerce, your business and ours (ad-dress), 212A establishing in Lebanon, 312 government influence in business decisions (remerke) 215

(remarks), 315 income tax returns, statistics, 812 1967 census, geographic area coding man-ual, cross reference section, 221 overseas business reports, 312-313 SBA disaster loans, 1377

small busines

bibliographies, 1378-79

Federal procurement area, problems, report, 454 Government procurement position, hear-

ings, 423

ings, 423 investment act with amendments, com-pliation. 354 statistics, Federal reserve chart book, historical supplement, 654 Business and Defense Services Administra-tion, publications, list, 212 Buttons, and other fastening devices, etc., trade and tariff information, summaries, 1466 1466

O

C.F.S. series, 318-319 Cabinets, Federal Item identification guide,

Caddis files, see Flies. Caddis files, see Flies. Cadmium telluride, mercury cadium telluride as 1-to 20-micro-meter wavelength infra-red detector for space applications, 1121 Calculated and flight-measured handling-qualities factors of subsonic jet transports, 1068

Calculating machines, current industrial reports, 234

Page 110

Caldwell, Bettye M., Project Head Start, daily program, manual for teachers, 563 Calibration, current meters, vertical avia

type, 753 California :

coast pilot, 297

Interior Department, appointment papers, pamplet to accompany microcopy, 1166 land values from independent statistical indicators, estimating, 1317 Water Resources Division, U.S. Geological Survey, activities, 727

Survey, activities, 727 Californium 252, development and produc-tion (remarks), 197 Calorimetry, investigations of stretch-

Calorimetry, investigations of stretch-formed aluminum solar concentrators, 1108

Cambolia, Army area handbook, 168 Cambolia, Army area handbook, 168 Campbil, R. E., production capabilities of Upper Rio Puerco soils of New Mexico, 682 Can public housing turn the corner? 764 Canada

capsule facts for Armed Forces, 119 manpower policy and programs, 879 Canada-United States Interparliamentary Group, 11th meeting, Senate delegation, report, 373

Canal Zone, mineral industry, minerals yearbook chapter, 965 Cancer, see Tumors. Canes, trade and t

and tariff information, summaries, 1466

Canine heartworm, see Dirofilariasis. Cans, metal, current industrial reports, 233 Cantrell, George K., trends in aircrew atth-tudes and job-satisfaction, wives' report,

100 Capital

for in U.S. balance of payment since 1965 (paper), 650 flow matrix, 896 Government, expedite retirement from

prernment, expedite retirement Federal intermediate credit banks, duction credit associations, and b proand banks

duction credit associations, and bi for cooperatives, hearing, 386 short and long of it (remarks), 1480 Caravaty, Raymond D., life safety from guide for housing the elderly, 785 Carbon dioxide acidosis, see Acidosis. Carderell, Nathan F., barnacle cemen dental restorative adhesive, 1186 Carderell, Nathan F., barnacle cemen dental restorative adhesive, 1186 from fire,

cement as

cardiovascular system, surgery, 1185 Cardiovascular system, surgery, 1186 Careers, see Civil service—Occupations. Carl Sandburg Home National Historic Site, establish, hearing, 477 Carload waybill statistics, see Railroads.

Carlsbad district, N.Mex., southeastern, Fifth ore zone, evaporate geology, 730 Carpets, Wilton, Brussels, velvet and tapestry carpets and rugs, Tariff Commission recarpets

port, 1472 Carriers:

interstate commerce act, amend relative to cases, if appealed, be heard by cir-cuit courts of appeals, report, 452 railroad, schedule of annual indices, 830

Cars, see Automobiles.

Cars. see Automobiles.
 Casa Grande Ruins National Monument, general information, 1212
 Cassidy, Esther C., investigations of exploding wire process as source for high temperature studies, 1174
 Casting, cold-mold arc melting and casting, 920

929

Casting molds, see Molds (forms).

Castings, see Type. Casualties, see Civilians.

Catalog cards, Library of Congress, music and phonorecords, 907

Cataloging: cataloging manual M (series), 526 supply cataloging, format, content, and preparation of Federal supply catalog publications, 526

Catalogs:

tratogs: Coast and Geodetic Survey aeronautical charts and related publications, 294 copyright entries, 515-520 Federal supply catalog, GSA stock catalog, identification list, 660 Library of Congress, music and phono-records, 907 medical and netwingar machen. 12

- records, 907 medical and veterinary zoology, 13 meteorological satellite data, television cloud photography, ESSA 1, 617 programmed instructional material, Navy, supplement, 1253 zoological taxa, 1205 Catanach, W. M., jr., fatigue crack propaga-tion in cylindrical shells, 1018 Catherines, John J., experimental vibration characteristics of 1/40-scale dynamic model of Saturn V-launch-umbilical-tower configuration, 1093 Cathodes, improved inert-cathode/magne-
- inert-cathode/magne-Cathodes. improved sium-anode sea-water battery, character-

istics. 1259 Cattle, loading ramp, farm building plan, 49 Cavicchi, Richard H., critical-speed analysis of rigid rotors on flexible foundations, 1084

Cavitation, prediction of thermodynamic effects based on liquid-hydrogen and freon-114 data in scaled venturis, 1116

CCR Clearinghouse publications, 269-270 Cells:

micro lagoon technique for culture and observation of isolated mammalian cells,

microbial cell walls, biophysical studies preparation of isolated cells walls, 1257 see also Blood.

Cement:

barnacle, as dental restorative adhesive, 1185

minerals yearbook chapter, 930

Census :

agriculture, 1964, final reports, 250 governments, 1967, final reports, 219 offenses, repeal jail sentences for refusal to answer questions, report, 446

population, 1960, final reports, 251 see also subjects.

Census Bureau :

publications on governments, recurrent re-ports, scheduled, announcement, 249 schedule B, statistical classification of domestic and foreign commodities ex-ported from United States, 222

Centenarians, America's social security beneficiaries who reach 100, 1388

script Coordination of Foreign Manu-ntral, N. Mar. 2010 Center for Coordination

Central, N. Mex., sale of part of lands of Fort Bayard Military Reservation to, hearings, 387

Central African Republic, Chad boundary, study, 1444 Central States:

Central States: manpower projections, bibliography, 899 north central regional reports, 899 Central Valley project, contract negotiations for water from. Bureau of Reclamation, GAO report, 717

Centrifugal separators, see Separators.

- Ceramics, 12-inch hypersonic ceramic-heated tunnel, rotational and vibrational tempera-ture measurements, 1110
- Certificates, see types of certificates or subiects.

ertification, combined airman, usage by active airmen, active airman population Certification. estimate, 210 estrone. Patrick F., status of safety stand-

Cestrone. ards, 888

Chad:

capsule facts for Armed Forces, 115 Central African Republic boundary, study, 1444

Do not order from index; see indicated entry

Chadsey, Earl E., jr., composite structures fabricated with advanced high-strength, high-modulus reinforcement materials, 182 Channels, flow-induced vibrations of flat plate suspended in narrow channel, 1013 Chapman, W. E., Mesilia Park fiber sorter, instrument for sorting short fibers and long fibers in cotton lint, 6 Chartener, William H.: addresses-

addresses

Oct. 17, 1968, 317 Oct. 18, 1968, 308

Charts:

handbook of agricultural charts, 31

nandbook of agricultural charts, 51 see also Maps and charts. Chase, William W., urban design-athon, 591 Chatham, C. E., jr., wave and surge condi-tions after proposed expansion of Mon-terey Harbor, Calif., 608 Checks, check-credit plans, hearings, 459

Chemical reactions :

- spectral
- interaction and reactivity of acids, spectral characteristics, USSR study, 836 role in mechanism of comminution of ductile metals into ultrafine powders by of grinding, 1087

Chemicals :

- agricultural, registered pesticides herbi-cides, defoliants, desiccants, plant reg-ulators, summary of uses, 20 chemical treatments in fish farming, how to determine quantities for, treatment
- tips, 1428 compounds, authorized for use under USDA poultry, etc., inspection programs, list, 508
- soil sealing chemicals and techniques, 805 see also Organic compounds.

Chemistry :

chemistry for safety man, 886 wood, list of publications, 670

Chemosterilants, aziridinyl, for house flies, 2

Chemotheraphy, preventive, of canine diro-filariasis with diethylcarbamazine, 105 Cherry Hill, N.J., population, special census of township, 244

Chicago, Ill.:

- area wage survey, 892 riots, civil and criminal disorders, investigation, hearings, 474 Chief Joseph American
- ilef Joseph, American Indian, commera-tive postage stamp, dedication (address), 1300

Child care, see Children. Child welfare, see Children.

Children:

child benefits under OASDI, 1387 child welfare, 1967 statistics, 252 counseling, Veterans Administration, op-portunity for economies, GAO report, 718

- early childhood education, 577 educational services in public and private nonprofit child day care centers, Fed-eral assistance to improve, hearings, 396
- parents as partners in Health, Education, and Welfare Dept. programs for chil-dren and youth, report, 761

African conference, nutrition and West child feeding, proceedings, 1345

women by children under 5 years old, cur-rent fertility by social and economic characteristics of women and their families, census of population, 251

Children's Bureau : publications, price list, 1328 statistical series, 252

- Chili, capsule facts for Armed Forces, 131
- Chimneys and fireplaces, general informa-

tion, 33 China, Communist, nuclear science in main-land China, selected bibliography, 911 Data entry of the science of the sc

Chiriqui, Gulf of, Panama, cultural chronol-ogy, 1382

Chlorella, large-scale culture, glass tube ap-paratus for, USSR study, 833 Choristoneura conflictana, see Moths. Christiansted National Historic Site, general

- Christiansted National Historic Site, general information, 1213
 Chromium, dispersion-strengthened, feast-bility of producing by ball-milling in hydrogen halides, 1127
 Chromium-51, measuring iron metabolism in hematopoletic centers, 104
 Simultaneous determinentions of 5000 5007

and ¹²⁵I, using gamma spectrometer, 89 ronology, cultural, of Gulf of Chiriqui, Chronology, cul Panama, 1382

Cicadelloidea, catalogue, 12 Cincinnati, Ohio

Cicadelloidea, eatalogue, 12
Cincinnati, Ohio:
food distribution facilities, study, 43
police-juvenile attitude project, demonstration project in pollee-tacher curriculum development to improve pollee-juvenile relations, 872
Cinsky, Mildred E., health insurance coverage of disabled, 1395
Circadian rhythm:
blochemical cycle functions, saturation-excursion diving, 922
references, 623
Circuits, feedback, employed in commutated networks, analysis, 1111
Circuits, see names of departments, etc., issuing circulars.
Citizes and towns:
citizen participation in model cities, 771
city government finances, 247
community improvement, workable program, HUD handbook, 774
engineer's role in socio-economic development of cities (speech), 766
financial institutions and urban crisis, hearings, 460
housing and development lending activities, U.S. participation, investigation and study, authorization, report, 375
honsing conditions in urban poverty areas, 1315

- 1315

land use in 106 large cities, 1317

- remarks, 765, 778 usefulness to the elderly, hearings, 456 new town and community development investigation and study, authorization, report, 375
- population of 100 large metropolitan areas, provisional estimates, 242 psychological dynamics of inner-city prob-
- psychological dynamics of the second
urban design athon, 591 urban education, 591 wage trends for occupational groups, 902 see also Suburbs.

Citizen participation in model cities, 771

Citizens of United States, births abroad, 1965 reports, 1330

Citizenship, publications, price list, 1327

Citrates, separating Escherichia coli para-colons from Shigella by use of Citrate Mannitol Agar. Citrus trees, indexing procedures for 15

virus diseases, 28

economic regulations, 255

Civil defense, see Civilian defense. Civil Defense Office : FG series, 260-261A

- handbook series, 262
- leaflets, 263
- miscellaneous publications MP series, 264 technical reports, 265-268
- Civil disturbances, see Riots.

Do not order from index; see indicated entry

Civil Aeronautics Board : annual report, 254

Civil rights: act of 1964, title 6— analysis, 269 report of activity under, equality of opportunity in manpower programs, 877

Civil Rights Commission: Clearinghouse publications, 269-270

hearing concerning equal economic oppor-tunities for Negroes in rural and non-metropolitan areas of Alabama, report, 270

Civil service : career opportunities, go Government, 289 examination announcements— air traffic control specialists, 275

277 current.

- Washington, D.C., metropolitan area, 278
- Government, Federal service en-trance examination, 282 prarians, Veterans Administration ingo librarians,

stallations, 287 postmaster, 271–274 science and engineering, 276 social scientists, 291

veterinarian trainee, summer employ-

- ment, 293 Federal career service at your service, 279
- Federal personnel manual, supplements, 280-281

- 280-281 job grading standard— food service worker, 284 jahtor, 285 laborer, 286 job grading system for trades and labor occupations, Federal personnel manual Jatores, assten 13. job grading system 13. occupations, Federal personner max-supplement, 280–281 job opportunities, local and regional ex-aminations, 288 see also Civil service pensions.—Govern-ment officials and employees. test Service Commission, pamphlets, compilation, 348

- Civil
- Civil service pensions, laws, compilation, 348 Civilian defense:
 - community action for civil defense, leader's guide, workshop, 262 failout shelter analysts, national direc-tory, supplement, 261 Federal civil defense guide, 258-259 EQ code: 260-261A

- Federal civil defense guide, 258-259 FG series, 260-261A a Nation prepared, the vital factor in emergency health services and civil de-fense, 263 selected excerpts from published congres-sional documents, 264 State salary ranges of positions in emer-gency planning, 762 willians:

Civilians :

- viilans: civilian personnel pamphlet, 134 Defense Department, travel and transpor-tation, permanent change of station travel, etc., general information, 134 employed at military installations, im-prove management of detailing, GAO re-port, 714 mass casualties in national emergency, treatment 1350

- treatment, 1350

Claims, see Government contracts.

- Clams, surf, Atlantic Coast, history, etc.,
- assical 5th-, 6th-, 7th-, and 8th-order Funge-Kutta formulas with stepsize con-trol, 1145 Classical
- trol, 1145 Classification, Government publications available to depository libraries, list of classes, 1325 Classification definition series,

1276 - 97

Classified matter, see Confidential ma Clay, minerals yearbook chapter, 931 material.

Clean air act, see Air pollution. Clean air act, see Air pollution. Cleary, Joseph W., effects of angle of at-tack and bluntness on shock-layer prop-erties of 15° cone, 1124

Climate, climatology of Atlantic tropical storms and hurricanes, erratum, 616

- storms and nurricales, erratum, oro inical Center, National Institutes of Health, current clinical studies and pa-tient referral procedures, 1187 osures for containers, current industrial Clinical
- Closures for reports, 225

Clothespins, trade and tariff information, summaries, 1466 Clothing

polyvinylchloride exposure suit (Empress) and comparison with submarine deck exposure suit, thermal evaluation, 920 protective, Army pamphlet, 167 louds, television photography, meteoro-logical satellite data, catalog, ESSA 1, 617

Clouds,

- Coal

 - al: anthracite, Pennsylvania, minerals year-book chapter, 933 bituminous and lignite, minerals yearbook chapter, 932 chemicals, minerals yearbook chapter, 934 coal-derived humus, plant growth effects,
 - 981 colorimetric method for arsenic in coal,
- colorimetric metnou for assessed 974 Coal mines and mining, Federal coal mine health and safety act of 1968, recommen-dations, 365 Coast and Geodetic Survey: aeronautical charts and related publica-tions, catalog, 294 publication, 296 science and engineering presentations, digest, 295 Coast Guard: activities, southeast Asia, congressional investigation of operations and instal-

activities, southeast Asia, congressional investigation of operations and instal-lations in Thailand and South Vietnam, report, 410 equipment lists, 299 general information, 298 if you have what it takes, take the Coast Guard, 298 Coast Guard Auxiliary : courtesy examination decal, requirements

- courtesy examination decal, requirements and standards, check-off list for boat-

and standards, check-off list for boat-man, 300 what's your move? public education and safety programs, 302 Coast pilots, United States coast pilot, 297 Coating materials, flame spread tests on foam plastic materials, 601 Cobalt, CO₂ laser development for space ap-plications, survey, 1057 Cochran, P. H., can thinning slash cause nitrogen deficiency in pumice soils of cen-tral Oregon? 680

nitrogen denciency in plante some of en-tral Oregon? 680 Code of Federal regulations, see for titles, chapters, etc., of the Code printed sepa-rately, subject involved. Codes, synoptic code, standards and proced-ures of coding synoptic reports, 306

see also subjects. Coefficients :

- reflection, of thin-film solid lubricants, pres-sure effects, 1266 reflection, of circular aperture in ground plane covered by homogeneous dielectric or plasma slab, 1008
- offee, international report, 429 Coffee, agreement, annual
- Coins, commemorative, issuance, compilation of laws, 347

Coke, minerals yearbook chapter, 934

- Cold, exposure, thermal evaluation of poly-vinylchloride exposure suit (Empress) and comparison with present submarine deck exposure suit, 920

exposure sur, 920 Cold-moid arc melting and casting, 929 Cold Regions Research and Engineering Lab-oratory, technical reports, 135 Cole, Fred W., oxidation resistant materials for transpiration cooled gas turbine blades, wire specimen tests, 1012

Do not order from index; see indicated entry

Collective bargaining :

Collective bargaining: Pacific region, 1968 calendar, 901 railroad shopcraft factfinding study, 881 Colleges and universities: consortiums in American higher education, 1965-66, exploratory study, 576 Government-university parimership in graduate education (remarks), 199 graduate enolment and Ph. D output in scientific fields, 1960-61 through 1965-66 trends, 1199 grants for international educational pro-grams, hearings, 495A grants for promoting advancement of sci-ence and education of scientists, hear-ings, 419 higher education, research and technology (remarks), 200

higher education, research and technology (remarks), 200
1908-69 national debate topic, executive control of U.S. foreign policy should be significantly curtailed, 356
scientific activities, 1964 financing and Jan. 1965 employment, 1234
Collins, Ronald P., mineral industry of Oregon, 963
Collins, William E., adaptation to vestibular disorientation, influence of head position on habituation of vertical nystagmus, 209
Collishaw, A. N., flame spread tests on foam plastic materials, 601
Colonie, N.Y., population, special census of town, 243
Color codes, coding, manufacturer's color.

Color codes,

coding, manufacturer's color. nylon parachute cloth, military standard, 545

Color perception, homochromatic visual world, adaptation, 918 Colorimetric method for arsenic in coal, 974 Columbium, see Niobium. Combat areas:

petroleum supply in theater of operations,

Army field manual, 136 planning and design of roads, airbases, and heliports in theater of operations, 174

ombustors, nitrogen tetroxide-hydrazine, performance and stability characteristics, Combustors. 1055

Commemorative medals, see Medals. Commerce :

commerce.

mmerce, your (address), 212A business and ours

(autress), 212A export expansion program (speech), 820 foreign articultural trade by countries, 1966-67 fiscal year, 575 foreign, Federal programs supporting ex-porters (speech), 819 foreign waterborne, operations (remarks), 639

South Africa's agricultural trade, 1970 and 1975 projections, 572 summaries of trade and tariff information,

1460-66

U.S. trade imperative, action program for exporting (address), 821 Commerce Committee, Senate, hearings, 461-

Commerce Department, USA tour manual,

1483

Commercial aviation, see Air carriers. Commercial banks, see Banks and banking. Commercial Fisheries Bureau : circulars, 320-321

circulars, 320-321
Fishery-Oceanographic Center, La Jolla, Calif., report, 321
Commercial products:
Atomic Energy Commission, procurement of certain products from private indus-try by, GAO report, 720
exports, statistical classification, schedule B, 222

B, 222 specified products, miscellaneous and none-numerated products, trade and tariff information, summaries, 1465-66 Comminution, of ductile metals into ultra-fine powders by grinding, role of chemical reactions in mechanism, 1087

Commodities, ommodities, see Agricultural products-Commercial products.

Communication (psychology): communicating by language, reading proc-ess, conference proceedings, 1188 Communications :

systems improvement study reports, rec-ords and communications in Boston Police Department, LEAA project systems improvement study reports, records and communications in Boston Police Department, LEAA project report, 873
use of circumaural earphones in audiometry, 926
Communism, subversive influences in riots, looting and burning, hearings, 425-426
Communist Party of Belorussia, structure outlined, 834
Communist Party of Soviet Union: activities described, 864
current party and State activities, 869
party level discussions, translations, 852
Community, see Cities and towns.
Community action for civil defense, leader's guide, workshop, 262
Community development programs:
community development corporation (remarks), 765
homes, etc., publications, price list, 1329
workable program for community improvement, HUD handbook, 774
Community facilities.
Communitators:
commutated networks employing feed back

see diso Public facilities.
 Commutators:
 commutated networks employing feed back circuits, analysis, 1111
 therated, and functions of operators, 1083
 Companies, filing annual reports with SEC, directory, 1374
 Compatibility, conditions of theory of micro-morphic elastic solids, 1034
 Compensation, see Salaries.

Competition:

ompetition: among suppliers in United States nuclear power industry (remarks), 207 procurement of aeronautical spare parts, Defense Department, need for more com-petition, GAO report, 712 pomposite materials, fabricated with ad-vanced high-strength, high modulus re-inforcement materials, 182 Composite

Compound interest, 651

Compounds :

antihistamine-containing compounds, fects of 2 upon performance at altitudes, 211 ef-3

bitter, taste thresholds during submarine patrol, 924

see also names or classes of compounds, or

see also names or classes of compounds, or purpose for which used. Compressive properties and column efficiency of metals reinforced on surface with bonded filaments. 1101 Compton, William B., 111, effect on base drag of recessing bases of conical bodies at sub-sonic and transonic speeds, 1064 Computations, are Numerical calculations. COMPUTE, time-sharing desk calculator program. 1130

COMPUTE, tim program, 1130

Computers : DIB computer news, 304 impact on small and medium-sized banks,

see also Electronic computers. Concrete, preplaced aggregate, resistance to freezing and thawing, 604

Concrete mixers, automobile excise tax, im-pose, report, 453 Condemnation of property, see Eminent

domain. Conduits :

fittings, Federal item identification guide, 531

outlets, Federal item identification guide, 532

ress analysis of single barrel conduits by Beggs deformeter, 1364 stress

Page 114

ne, Clarence D., jr., micro lagoon tech-nique for culture and observation of iso-lated mammalian cells, 1122 Cone.

Cones

- angle of attack and bluntness effects on shock-layer properties of 15° cone, 1124 spherically blunted 25° half-angle cone at Mach 8 and angles of attack up to 90°, heat-transfer and pressure distribu-tions 1056

tions, 1056 Confederate States of America, archives of

- Confederate States of America, archives of Government, guide, 1159 Conferences, congresses, etc., United States conventions and exhibitions, 1482 see also names of conferences, etc., also subject of conference. Confidential material, safeguarding classified
- information, FAA handbook, 626
- Configurations :
 - Apollo launch-escape vehicle, transonic aerodynamics characteristics of pow-ered models, 1075 liquid-vapor interface, in toroidal tanks during weightlessness, 1063

- Congo (Kinshasa) : capsule facts for Armed Forces, 127 Congress of United States : concern with research and development,

 - bibliography, 471 congressional record, 90th Cong., 1st sess., bound volumes, 325–339 legislative reorganization act of 1946, amendments, text, 463
 - reorganization act of 1967, legislative
- congressional documents, selected excerpts

- on civil defense from published documents, 264
- Congressional record, see Congress of United States

Conical bodies, see Bodies of revolution. Conifers

- Maine, specific gravity, survey, 686 seedlings, investigations of shingle tow packing material for, 692 upper-slope, seasonal height growth, 691 onnecticut, mineral industry, minerals reachood character 948

- Connecticut, mineral industry, minerals yearbook chapter, 948 Conservation, see Soil conservation—also
- subjects.
- Conservation aids waterfowl, 57 Consortiums in American higher education. 576
- Constitution of United States : amendment, voting, lower age to 18, hear-ings, 490

constitutional rights, protect Federal em-ployees, hearings, 412 Constitutional rights, see Constitution of

- United States.

- United States. Construction, see Building. Construction Industry: construction reports, 223 safety, impact of mode (remarks), 778 Construction machinery, model cities program Building
- see machinery.
- Consumer and Marketing Service, series, 504-507 C&MS
- Consumer Credit, see Installment credit. Consumer Protection and Environmental Health Service, general information, 1332
- Consumers

buying indicators, series, 246 publications, list, 790

- Contacts (electric), see Electric contacts. Containers
 - enclosures, current industrial reports, 225 containerization in ocean transportation (remarks), 639
 - remarks), 316 (remarks), 316 e exporter, the importer, and the concontainerization
 - the tainer (remarks), 916

rigging, for airdrops, Army technical manual, 179 trade and tariff information, summaries, 1463

Contractor report NASA CR (series), 992-1037

Contractors Defense Dept., increased costs to Govern-ment atributed to leasing rather than purchasing land and buildings, GAO

purchasing land and buildings, GAO report, 711 U.S. in Vietnam, difficulties in arranging air support services, GAO report, 708 Contracts, TOFC, between freight forwarder and railroads, permit, amend interstate commerce act, 462

see also Government contracts.

Control (vehicle), see Airplanes. Control systems :

- assical 5th-, 6th-, 7th-, and 8th-order Runge-Kutta formulas, with stepsize classical control, 1145
- commutated networks employing feed back circuits, analysis, 1111 direct lift control system during approach
- direct lift control system diring approach and landing, flight tests, 1080 spacecraft attitude, response envelope, global description of three-axis large-angle, 1113 Convection of heat, see Heat transfer. Conventions, see Conferences, congresses,
- etc.
- Conveyors: air jet, for handling seed cotton and cot-
- air jet, for handning steu cotton and cre-tonseed, 4 pneumatic dispatch, classification defini-tions, 1293 Coogan, Charles H., jr., development of an-alytical model of flash stage, 797 Cook, Anthony M., wind-tunnel investiga-tion of low-speed high-lift aerodynamics of one fifth scale variable-sweep superof one-fifth scale variable-sweep sonic transport, 1076 super-

Cooling

- ooling: cooled pipe, transfent solidification out-side, with application to solar Brayton heat receiver, 1114 production of temperatures below 1°K by diabatic demagnetization of cerium-barium metaphosphate (CBP) glass, barlum metaphosphate 1258
- transpiration cooled gas turbine blades, oxidation resistant materials, wire wire specimen tests, 1012

Cooper, James D., clays, 931

coopering, classification defini-Cooperage, tions, 1281

- Cooperative housing, see Housing. Cooperative State-Federal Brucellosis eradication program, 11
- Coordinated Federal wage system, hearings, 413
- Coordinates, generation of ideal coordinate systems for analysis of optimal trajecto-
- ries, 1037 Coosa River and Valley, and its tributaries, pollution of interstate waters, conference proceedings, 662
- Copper: alloys in vacuum, sliding friction, 1065 copper-rich Cu-Ni-Fe alloys, Mössbauer effect study of magnetic ordering, er-rata, 1180 McCarthy B-4 and B-5 quaddistribution, McCarthy B-4 and B-5 quad-rangles, Alaska, 742 minerals yearbook chapter, 935

Copyright: bibliography, list, 521 catalog of copyright entries, 515-520 law, revision, hearings, index, 484

Copyright Office : circulars, 521-522 Register of Copyrights, annual report, 514 regulations, 522

Do not order from index; see indicated entry

Page 115

329-557-69-9

Coral reefs and islands :

atoll news and comment, 1380

atoll news and comment, 1380 atoll research bulletin, 1380 Corcoran, Charles S., electrical component development for 400-hertz Brayton en-ergy conversion system, 1097 Cord, Marian S., microwave special tables, polyatomic molecules without internal ro-tation, 1173 Cordage, trade and tariff information, sum-marice 1461

maries. 1461

maries, 1461 Corporations, income tax, speed-up payments, amendments, summary, 432 Correctional institutions, see Reformatories. Correspondence schools and courses : Industrial College of Armed Forces, na-tional security management informational security tion booklet, 556

Navy, training manuals and correspond-ence courses, list, 1251 ortez quadrangle, Nev., gold, silver, and

other metals ortez quadrangle, Nev., gold, silver, and other metals, anomalous concentrations of, 743 Cortez

osmic rays, patrol instrument for registra-tion of primary cosmic radiation, USSR study, 853 Cosmic rays,

Cosmology, submillimeter waves in sp problems and programs on use of, 1040 Cosmos satellites, see Satellites. space,

Cost, cotton gin operating costs in west Texas, 44 see also subjects.

Cotton :

Mesilla Park fiber sorter, instrument for sorting short fibers and long fibers in cotton lint, 6

seed, and cottonseed handling with air-jet conveyors, textiles, trade agreement with Japan.

1453

Cotton gins and ginning, operating costs in west Texas, 44 Cottonseed, and seed cotton handling with

air jet conveyors, 4

Counsellng, children, Veterans Administra-tion, opportunity for economies, GAO re-port, 718

Counselors, guide to manpower information, annotated bibliography, 895 Counties, sources of milk for Federal order

markets, 505

Court of Claims, cases decided, May 1-June 30, 1968, 523

Courts, see also names of courts. Courts of Military Appeals, digest, annotated and digested opinions, supplement, 558

Judicial administration, hearings, 488 judicial administration, hearings, 488 jurisdiction over contract claims against nonappropriated fund activities, hear-inge, 480

ings, 489

narcotic addicts, dealing more effect with individuals, public health more effectively laws, compilation, 493

Cracking of metals, see Fracture of metals. Craggs, Anthony, transient vibration anal-ysis of linear systems using transition systems using transition matrices, 1035

Crane. Harold L., effects of reduced airspeed for landing approach on flying qualities of large let transport equipped with powered lift, 1059

Credit

foreign credits of United States Government, 1478

public convenience and expansion of bank credit cards (address), 656 truth in lending (remarks), 657

see also Banks and banking-Installment

credit. Credit insurance, industry, hearings, 482-483

Crescent City, Calif., harbor design for optimum wave conditions, 606

Crime and criminals :

census offenses, repeal jail sentences for refusal to answer questions, report, 446 criminal justice, national program of re-search, development, test, and evalua-

tlon, 875

search, development, test, and evaluation, 875
riots, civil and criminal disorders, investigation, hearings, 425, 474-475
print additional copies, report, 440
riots, looting, and burning, subversive influences, hearings, 426
Criminal jurisdiction, NATO status of forces agreement, operations, report, 451
Criteria and guidelines for evaluation of inservice training, 1385
Criteria for choosing research scientists, USSR study, 835
Critical-speed analysis of rigid rotors on flexible foundations, 1084
Crooks, Donald M., poison ivy, poison oak and poison sumac, identification, precautions and eradication, 34
Croos, reeks National Wildlife Refuge, general information, 1423
Cross-references within Internal revenue code of 1954, as of Jan. 1, 1967, 431
Cross sections, neutron, technology, conferences, Stomatopod crustacea from West Pakistan, 1209
Cryorenics, tanks in space, shadow shields

West Pakistan, 1209 Cryogenics, tanks in space, shadow shields

for thermal protection, experimental studies, 1106

ies, 1106 Crystal lattices, point defect calculations in tungsten, 1131 Crystallography, crystallographic data on selected artificial graphites with com-ments on role of degree of crystal develop-ment in oxidation, 1107 Crystalls, development in oxidation, role of derree, crystallographic data on selected artificial graphites, 1107 Cuba, capsule facts for Armed Forces, 122 Culture, cultural development, special fund, agreement with Philippines, 1448 Culture media:

Culture media :

large-scale culture of chorella, glass tube apparatus for, USSR study, 833 micro lagoon technique for culture and observation of isolated mammalian cells, 1122

see also Agar. fishery Current f. 318-319 statistics, C.F.S. series.

Current industrial reports, 224-238 Current meters, vertical-axis type, calibra-tion and maintenance, 753 Currents, see Lake currents.

Curriculum, demonstration project in police-teacher curriculum development to im-prove police-juvenile relations, Cincinnati police-juvenile attitude project, 872

Custer Battlefield National Monument, general information, 1217

erai information, 1217 Custer County, Idaho, geology of Alder Creek mining district, 729 Customs Cooperation Council, convention establishing, report, 437 Customs Union Study Group, European, see European Customs Union Study Group, Cultory trade and tank information with

Cutlery, trade and tariff information, summaries, 1464

Cutting machinery, selective cutting (e.g. punching), classification definitions, 1291 Cutting tools, selective cutting (e.g. punch-ing), classification definitions, 1291

Cybernetics, aspects of psychology of a set, USSR study, 842

Cycle to nowhere, 270

Czechoslovakia:

confrontation and crisis, report. 470

situation, and U.S. Forces in Europe, report, 470

Page 116

Dairying: dairymen's class 1 base plan, amendments-

ments— hearings, 388 report, 374 Dall, William H., zoological taxa, list, 1205 D'Amico, Kathleen J., statistical summary, minerals yearbook chapter, 985 Dams, see names of dams or bodies of water. Dance, William E., investigation of electron interaction in matter, 1017 Danielson, V. A., mineral industry of North Carolina, 962 Danilowicz, Ronald L., point defect calcula-tion in tungsten, 1131 Data, see subjects.

Data, see subjects. Data display programing, 994 Data processing, see Electronic data processing systems

Davis, Arthur A., remarks, Oct. 12, 1968, 783

- 783
 Davis, Jeanne M., open space, its use and preservation, 50
 Davis, Theodore F., bibliographies of interest to atomic energy program, 192
 Davison, R. R., solvent stability and recovery in solvent extraction desalination, 800
 Day care of children, public and private non-profit centers educational services, Federal assistance to improve hearings, 396
 A day in the life, 1310
 Dearing, J. David, heat-transfer and pressure distribution inside hinge-line gap of wedge-flap combination at Mach number 10.4, 1126 10.4, 1126 Death :
- infant and perinatal mortality in England and Wales, 1351 mortality, vital statistics of U.S., 1356 records, where to write, 1357 Death Valley National Monument, general

information, 1218 Debates and debating, 1968-69 national col-legiate topic executive control of U.S foreign policy should be significantly cur-tailed, 356 Debt, see Public debt. DeCarlo, Joseph 4

- DeCarlo, Joseph A., coke and coal chemicals. 934
- Decay (timber) :
- changes in wood micro-structure through progressive stages of decay, 683 Decision-making, specialists and generalists in Government, selection of readings, 476
- Decisions, see names of courts, etc., rendering decisions.
- Decomposition, rate of decomposition in aqueous solution determined by NMR tech-niques, 1267A Decompression:
- sequential, during simulated orbital flight, endocrine-metabolic response to, 97 stress in simulated orbital flight, 93
 - stress severity, nitrogen and helium as fac-niques, 1267Å

- Decompression sickness, see Aeroembolism. Decoration and ornament, ornamented fab-rics, etc., trade and tariff information, summaries, 1461

Decorations of honor, laws, compilation, 347 Deep sea release mechanism, 614 Defense Department:

- aeronautical spare parts, need for more competition in procurement of, GAO competition report, 712
- cataloging and standardization program,
- semiannual report, 391A cataloging manual M (series), 526 civilians employed at military installa-tions, improve manugement of detailing,

GAO report, 714 DoD systems and equipment, integra logistic support planning guide, 538 handbook DSAH series, 527-528 integrated

- Defense Department—Continued leasing rather than purchasing land and buildings by contractors increased costs to Government, GAO report, 711
 - management
 - correspondence course, Industrial Col-lege of Armed Forces, information booklet, 556

- booklet, 556 maintenance of commercial vehicles, cost reductions, GAO report, 704 manual DSAM series, 529 military standards, 540-551 travel and transportation, civilian person-nel, permanent change of station travel, etc., general information, 134 Defense Supply Agency : handbook DSAH series, 527-528 manual DSAM series, 529 Definitive designs for naval shore facilities, 1236
- 1236
- Deformations (mechanics): single-crystal and polycrystalline gold, in-fluence of surface films, 1098 Degrees (colleges, universities, etc.): graduate enrollment and PhD, output in graduate (and 1000 cfl through 1005)
- graduate enrollment and PhD. output in scientific fields, 1960-61 through 1965-66 trends, 1199 Dehydrated foods, see Dried foods. Dehydration, see names of commodities. Dehydrogenase, lactate and pyruvate re-sponses, blochemical cycle functions, satu-ration-excursion diving, 922

- Delaware, mineral industry, minerals year-book chapter, 949

Demerol, glucose tolerance in dogs exposed to altitude and drug administration, 96

Deming, Frederick L.:

Addresses, etc.— Aug. 27, 1968, 1477 Oct. 23, 1968, 1480 Denmark, economic trends and their implica-tions for United States, 816

- Density: data, molten salts, 1176
 - helicopter height-velocity diagram effects, investigation, 1050
- sea water, measuring, density-gradient column as tool, 1268 surface water, Atlantic Coast, North and South America, 296 Dental hygienists, education program, plan-ning 1197
- ning, 1197 Dental research, research grant awards, Na-tional Institute of Dental Research, 1967 funds, 1194
- Dentistry
 - barnacle cement as dental restorative adhesive, 1185
 - head positioning for Panorex X-ray ma-
- chine, 928 Denton, Thomas C., mi South-West Africa, 968 mineral industry of
- Dependents, see Armed Forces-Army.

Dermo-optical sense, see Tactile sensitivity. Desalination :

- electrodialysis, hydrodynamic theory, 802
 - satting plants inventory report, world-wide land based desalting plants capa-ble of producing 25,000 gallons or more fresh water daily, projections of future development, survey, 795 welopment of paragram desalting plants inventory report,
 - development of propane hydrate desalting process, 801
 - membranes, reverse osmosis, development, 804
 - solvent extraction, solvent stability and recovery, 800
- Desalting of sea water, see Sea water.
- Design and preliminary operation of Lewis magnetohydrodynamic generator facility, 1090

Design manual DM series, 1237

Do not order from index; see indicated entry

Designs (aircraft) :

engine air inlet particle separator for CV-7A, aircraft, 180 model design of soil-projectile system, ap-plication of similitude, 1027

Designs (architectural), see Architecture.

Detectors :

annular lithium-drifted germanium detec-tor for studying nuclear reaction gam-ma-rays, 1001

ma-rays, 1001 lithium-drifted silicon semiconductor de-tectors, resolution changes, 1118 mercury cadmium telluride as 1- to 20-micro-meter wavelength infrared detec-tor for space applications, 1121 zinc-doped germanium, effects of zinc con-centration on output, 1070 Detonations, gas, large-scale studies, 978 Detroit, Mich, National Commission on Ur-ban Problems hearings, 1312 Development (economics), see Economic de-velopment.

velopment. Development of analytical model of flash stage, 797

Devices, severing by tearing or breaking, classification definitions, 1288 Dew point, measurement of atmospheric dew-

point measurement of atmospheric dew-point from aircraft, 1262 Diabetes, Isles of Langerhans, Federal em-ployee health series, 1335 Diagnosis, diagnostic radiology, status of re-search, 1200

Dialysis, electrodialysis, hydrodynamic the-ory of desalination, 802

see Domestic and International Bureau, DIB Commerce Dept.

Dickey, Ja Dielectrics James, lecture, Dec. 4, 1967, 908

dielectric rod immersed in plasma, elec-tromagnetic waves on, analysis, 1089 input admittance and reflection coefficient of circular aperture in ground plane covered by homogeneous dielectric or plasma slob 1002 plasma slab, 1008

Diet

Diet: dietary habits and related factors in FBM crew members, 925 nutrient-defined formula diets for aero-space metabolic experimentation, 87 Diethylcarbamazine, use in preventive chemotheraphy of canine dirofilariasis,

Differential resistance of mice at various time levels to lethality of rattlesnake venom (Crotalus atrox), 84 Digital computers, see Electronic computers. Dimension stone, see Stone. Dinosaur National Monument, general in-formation 1210

formation, 1219 Diodes, 22-volt silicon voltage-regulator, ef-fects of reactor radiation, 1135

rects of reactor radiation, 1155 Directories: Health, Education, and Welfare Depart-ment, field directory, 760 military assistance program addresses, MILSTRIP, 553 directory, 554 post offices, 1305 1968, national ZIP code directory, sup-plement 1309

1968, national ZIP code directory, sup-plement, 1309 providers of services under health insur-ance for the aged--extended care facilities, 1389 home health agencies, 1389A hospitals, 1390 independent laboratories, 1391 qualified failout cheater analysis

qualified fallout shelter analysts, supplement, 261

Securities and Exchange Commission

companies filing annual reports, 1374 State merit systems, 758 telephone, Interior Department, 807 urban renewal, 1371 Dirofilaria immitts, see Dirofilariasis.

Dirofilariasis, preventive chemotherapy canine, with diethylcarbamazine, 105

Disabled :

(Stolied: age and disability, effect on access to pub-lic income-maintenance programs, 1394 disability incidence rates under OASDI system for disability onsets, 1386 disability, work and income maintenance, prevalence of disability, 1393 health incurance coverage 1205

prevalence of disability, 1393 health insurance coverage, 1395 identifying, concepts and methods in meas-urement of disability, 1392 selected impairments July 1963-June 1965, United States, 1352 social security survey, reports, 1392-95 what social security disability program means to you and your patients answers

what social security disability program means to you and your patients, answers for doctors, 1399 see also Disability insurance. Disability evaluation : disability, work and income maintenance, prevalence of disability, 1393 identifying disabled, concepts and meth-ods in measurement of disability, 1392 Disability insurance: disability incidence rates under OASDI system for disability onsets, 1386 rights and responsibilities of recipients of social security disability program means to you and your patients, an-swers for doctors, 1399

swers for doctors, 1399 your social security, 1402 see also Old-age, survivors, and disability insurance. **Disasters**:

airport emergency operations planning, 622

emergency broadcast system, basic plan, 260

- emergency operations guide for natural gas transmission and distribution in-
- as transmission and distribution in-dustry, 1273
 a Nation prepared, the vital factor in emergency health services and civil de-fense, 263
 SBA loans to restore or replace businesses and homen 1277

SBA loans to restore or replace businesses and homes, 1377 Discounts, see Banks and banking. Discrimination in employment: civil rights under Federal programs, anal-ysis of title 6 of civil rights act of 1964, 269 middle-aged and older workers full em-ployment act of 1968, bill text and section-by-section analysis, 497

Discussion guides, Department of State Film Library, 1438 Diseases, see names or classes of diseases. Diseases of animals, see names of diseases or animals affected.

Diseases of fish :

Diseases of Ban: fish disease leaflet FDL (serles), 1409-11 freshwater fish diseases caused by Aero-monas and Pseudomonas, 1409 lymphocystis disease of fish, 1411 Diseases of plants, see names of diseases or plants affected.

Disinfection and disinfectants, infection method in presence of viral infec-tions, experimental substantiation of USSR study con USSR study, 863

Disorientation, vestibular, adaptation to head position influence on habituation of vertical nystagmus, 209

Dispensers, dipensing, 209 tions, 1287 Dispersion, chromium, feasibility of produc-ing by ball-milling in bydrogen halides, 1127

data display programming, 994 information display concepts for lar of VTOL aircraft, comparison, 1086 landing

responses to underwater distortions of vis-ual stimuli, 927

Page 118

Do not order from index: see indicated entry

Distance (psychology) : of

Distortions:

- geometrical image aberrations in singleand double-mirror systems, mathematical determination, 1052
- and double-mirror systems, mathematical determination, 1052 sinusoidal, on flat plate at Mach 20 in helium, heat-transfer and pressure dis-tributions, 1123 District Courts, 3 judge district court pro-vision in expediting act, report, 452 District of Columbia: current local civil service examinations covering metropolitan area, 278 National Commission on Urban Problems, hearings, 1312

- hearings, 1312 Divers responses to underwater distortions of visual stimuli, 927
- visual stimuli, 927 Diving, saturation-excursion, biochemical cycle functions in lactic dehydrogenase, lactate, and pyruvate responses, 922 Divorce, United States and outlying areas, where to write, 1358 Do you have what it takes to take the Coast Guard? 298 Doctors, see Physicians. Doctor's degrees, see Degrees (colleges, uni-versities, etc.).

- versities, etc.)
- Office, see Public Documents Documents Division. Division. DoD, sce Defense Department. DoD pamphlets, 109-132 Dodge, Franklin T., flow-induced vibrations

- flat plate suspended in narrow channel, 1013
- Doggett, Robert V., Jr., effects of flexibility on lift and pitching moment characteris-tics of series of low-aspect-ratio wing-body combinations at transonic speeds, 1051
- Dogs : glucose tolerance in dogs, exposed to altitude and drug administration-aphetamines, 95
- tude and drug administration-amphetamines, 95 diphenhydramine, 94 meperidine, 96 Dolores County, Colo., geologic investigations in Slick Rock district (series), 747 Dolph, Robert E., important forest insects outbreaks in Oregon and Washington, 671 Domestic and International Bureau, Com-merce Dept., DIB computer news, 304 Dominica, see Windward Islands. Doss, Mildred A., index-catalogue of medical and veterinary zoology, 13 Douglas fir, see Fir.

- and veterinary zoology, 13 Douglas fir, see Fir. Dowell, V. R., Jr., laboratory methods in anaerobic bacteriology, NCDC laboratory manuni, 1339 Doyle, D. V., properties of no. 2 dense kiln-dried southern pine dimension lumber, 687 Drag (aerodynamics) : effect on base drag of recessing bases of conical afterbodies at subsonic and tran-sonic speeds, 1064 Dried foods, nonenzymatic browning in
- nonenzymatic browning in ried foods, nonenzymatic brownin model systems containing sucrose, 92 Dried
- model systems containing sucrose, 92 Drills (tools): buoyancy stabilized hot point drill for glacier studies, 135 horizontal boring technology, underground power transmission installation ma-chinery, state-of-art study, errata, 939 tunnel boring machine props, stresses and displacements induced in rock, 979 Dropouts, see School attendance. Drug addiction, see Narcotic habit. Drug stores, see Stores. Drops see names of drugs.

- Drugs, see names of drugs.
- Drysdale, Taylor, improvement of procure-ment, utilization and retention of high quality scientific and technical officers, 79
- quality scientific and technical officers, 79 DSA, see Defense Supply Agency. Ductility, notch, properties of SM-1A reac-tor pressure vessel following in-place annealing operation, 1260 Duffy, R. J., design and component test of engine air inlet particle separator for CV-7A aircraft, 180

Durham, David L., geology of Tierra Redouda Mountain and Bradley quad-rangles, Monterey and San Luis Obispo Counties, Calif., 732 Duties, see Tariff. Duvali, Wilbur I., stresses and displacement induced in rock by tunnel boring machine props, 979 Dyes and dyeing: natural dyes in United States, 1204 synthetic dyes, production and sales, 1467 Dymsza, Henry A., nutrient-defined formula diets for aerospace metabolic experimenta-tions, 87

- tions, 87
- Dynamic stability, see Stability of aircraft. Dynamometers, industrial plant equipment handbook, 527

IC

- Ear, examination, and hearing status, adults, United States, 1960–62, findings, 1354 Ear phones, see Headsets Earnings, see Wages. Earphones, see Headsets.
- Earth
- crust, gold content, estimates, 741 moon orbits, comparison with class of rotating Kepler orbits, 1120 East (Far East) :

 - agricultural situation, 1968 midyear review, 573 Far East Symposium on Nutrition, papers,
 - 1192

- Past (Middle East): discussion guide issues, 1147 issues in United States foreign policy, 1446 Near and Middle Eastern series, 1446–47
- Near and Middle Eastern series, 1446-47 East (U.S.):
 - Thanksgiving 1966 air pollution episode, 1341
- East Germany, see Germany. East St. Louis. Ill., National Commission on Urban Problems, hearings, 1312
- ECG, see Electrocardiograms.
- Echinoids, see Sea urchins.
- Eckstein, Otto, education, employment, and Negro equality, seminar on maupower policy and program, 883 manpower
- Ecology :

Aldabra Atoll, Indian Ocean, 1380 ecological effects of discharge of waste heat into rivers, lakes, etc., hearings, 501

Economic assistance, see Foreign aid.

Economic concentration, hearings, 485

Economic conditions :

- economic issues for the future, seminar, 882
- 882 economic trends and their implications for United States, ET series, 814-818 equal economic opportunities for Negroes in rural and non-metropolitan areas of Alabama, report, 270 evaluation, southwestern North Carolina
- evaluation, southwestern North Car rural renewal area, 569 see also names of counties, States, etc.

- Economic development: qualified areas, for full financial assist-ance, for grants only, map, 560 space technology, transfer and developing

nations, 1031 Economic Development Administration, ad-ministration of sec. 702 under Public works and economic development act of 1965, hearings, 416 Economic Joint Committee : committee print, 346 hearings, 344-345 Economic Opportunity Office, economic op-portunity act of 1964, text, as amended, 494

Economic policy, economic opportunity act of 1964, text, as amended, 494 Economic regulations, Civil Aeronautics Board, 255 Economic Research Service: agricultural economic reports, 565–568 ERS-foreign series, 571–573 ERS series, 570 foreign agricultural economic reports, 574 Economics : commercial banks and their trust activities commercial banks and their trust activities emerging influence on American econ-omy, staff report, 392
print additional copies, report, 379
do you know your economic ABC's? travel USA, simplied explanation of role of tourism, 305
Igerton, Curtis D., mineral industry of see also Electric power plants. Electric lighting, see Electricity. Electric lines : Edgerton, D., mineral industry of onnecticut, 948 electric Education : and outdoor recreation, 1274 child day care centers, Federal assistance to improve education services, hearings, 396 early childhood, 577 education, employment, and Negro equality seminar on manpower, 883 educational talent search program, 578 Federal educational policies, programs, and proposals print as House document, report, 378 good training, good jobs MDTA-Electric power good training, good jobs, MDTA-occupational therapy assistance pro-gram, 579 649 large ele ings, 501 upgrading practical nurses, 580 industrial arts, planning and functional facilities, 584 and designing Tunctional facilities, 584 international education act of 1966, amend hearings, 495A international health, education, and labor programs, henrings, 495A private, special fund, agreement with Philippines, 1448 program, dental hygienists, planning, 1107 536 Electric stoves, see Stoves. program, 1197 Electric drawings, 1372 quality, profiles, 585 regional educational laboratories, progress report, 586 research and development, advances in research and development, advances a education, 587 special fund for education, agreement with Philippines, 1448 to reject no one (remarks), 589 development, advances in 1089 Electricians. Electricity see also Elementary education-Naval education-Secondary subjects taught. education-also Education and Labor Committee, House : hearings, 396 report, 371 report, 3/1 Education Office, organization and functions, handbook, 590 Educational Resources Information Center manpower research, inventory, 581 employment opportunities overseas. 556A Edwards, John P., establishing business in Lebanon, 312 1028 Eggs ggs: : plants operating under USDA inspection and grading programs, list, 500 processing plants, chemical compounds au-thorized for use under USDA inspection programs, lists, 508 la. Robert E., mineral industry of Maine, 955 Ela. Elastic strain, see Strains and stresses. Elasticity, micromorphic elastic solids, com-patibility conditions of theory, 1034 Elastomers, production and sales, 1468 Elderly people, see Aged. Electric apparatus and appliances : electric housewares and fans, current in-dustrial reports, 228 Electron tubes,

Electric apparatus and appliances—Con. electrical component development for 400-hertz Brayton energy conversion sys-tem, summary, 1097 Electric batterles, improved inert-cathode/ magnesium-anode sea-water battery, char-acteristics, 1259 Electric conductivity molten saits electric

Electric conductivity, molten salts, electri-cal conductance, density, and viscosity,

data, 1176 Electric contacts, superconducting pressure contacts, 1263 lead Electric fans, current industrial reports, 228

Electric generators

alternators, prediction of windage power loss, 1078

transmission specifications and drawings, 1372 horizontal boring technology

for ground power transmission line installa-tions, state-of-art-study, errata, 939 ectric networks, commutated networks employing feed back circuits, analysis, under-

Electric power, see Electricity. Electric power distribution, see Electricity. Electric power plants :

- wer interruption, Pennsylvania-New Jersey-Maryland interconnection, report, Pennsylvania-New
- thermal pollution from new generation of large electric generating plants, hear-

- Electric resistors: resistors, selection and use of, military standard, 540
- variable, Federal item identification guide.

Electric shock, hazards, control, 885

transmission specifications and

Electric utilities, statistics, 1967, class A and B privately owned, 641

Electric waves, electromagnetic waves on dielectric rod immersed in plasma, analysis,

ectricians, I.C. electrician 1 & C, Navy training course, 1249

electric lighting fixtures, current indus-trial reports, 229 electrical system power flow optimization using gradient method. USSR study,

national electric rate book, 643-648

rural, farms electrified with central sta-tion service, 1373

selected technology for power industry conference, proceedings, 1043 TVA power 1968 annual report, 1475 selected technology

windage power loss in alternators, predic-tion, 1078

Electroadhesive devices, applications study,

Electrocardiograms, variations of RR and PR intervals of ECG, automatic recogni-tion of heart rhythm disorders manifested by, USSR study, 837

Electrodialysis, see Dialysis.

Electrodynamics, electrodynamic analysis of special non-uniformities in wave guides, USSR study, 849 Electroexplosive d

devices, 8ee Initiators (explosives)

Electromagnetic waves, see Electric waves,

Electromagnets, high-field, at NASA Lewis Research Center, 1125

Electron scattering, see Scattering.

test methods, military standards, 548

Page 120

Electronic computers :

- analysis of numerical integration tech-niques for real-time digital flight sim-ulation, 1117
- ulation, 1117 computer experiments on microscopic be-havior of one-dimensional plasmas, 1067 computer mechanization of reentry equa-tions with 4 degrees of freedom, 1036 computerized Arrhenius reliability extra-polation techniques, 1119 programming, data display, 994 programs, future of computer programs in United States Patent Office (address), 1298

- 1298 spaceborne multiprocessing study, tech-
- nical description, 1005 see also Computers.
- Electronic data processing systems : Air Force worldwide personnel data sys
 - tem, 74. DIB computer news, 304 FORTRAN programs, COMPUTE, time-
 - FORTRAN programs, COMPUTE, time-sharing desk calculator program, 1130 MILSCAP, military standard contract ad-ministration procedures, DoD data sys-tem, over-view, etc., 552
- Electronics :
 - for hospital patient care, 1337
 - handbook. microelectronic device data text 995
 - national conference committee, American Association of State Highway Officials, proceedings, 1361
 - satellite observations, preprocessing proce-
 - dures, 1011 TAMIS and subsystem components, im-munochemical and electronic methods, 80
- Electrons :
- Electrons: interaction in matter, investigation, 1017 topics in electron scattering and nuclear models, notes on lectures at NRL, 1264 Electrophoresis, continuous particle, for rapid identification of micro-organisms, 100
- rapid 102
- Elementary education :
 - elementary and secondary education act title 1, profiles in quality education, 150 outstanding ESEA projects, 585
 - teachers, specifications for comprehensive undergraduate and inservice education program for, 588

Elevators, classification definitions, 1285

- Elliot,
- evators, classification definitions, 1285 lilot, James E., anomalous concentrations of gold, silver and other metals in Mill Canyon area, etc., 743 lils, N. C., pilot performance, transfer of training and degree of simulation, perform-ance of non-jet experienced pilots versus simulation fidelity, 1255 l Salvador, plant quarantine import re-quirements, 16 mblems, international distinctive signs and Ellis,
- El
- Emblems, international distinctive signs and emblems, military standard, 550
- Emergencies, see Disasters.
- Emigration, see Immigration and emigration.
- Eminent domain, highway condemnation law and litigation State by State summary of cases reported, 1946-61, lists, 1360
- Emission :
 - atmospheric emissions from thermal-proc-ess phosphoric acid manufacture, 1342 national emission standards act law, compilation, 493
 - see also Electrons.
- Employee benefit plans, welfare and pension plan protection act of 1968, report, 371
- Employee pensions, see Pensions.
- Employees: earnings and hours, retail trade, 894 food stores, 893
 - also Government officials and em-860 ployees.

- Employers' llability and workmen's compen-sation, workmen's compensation claims arising from exposure to asbestos and be-ryllium, parallel study, 206
- Employment : service for older workers, of adequacy hearings, 455
 - hearings, 455 education, employment, and Negro equality. seminar on manpower, 883 Federal employment of the handicapped, conference highlights, 283 job grains of Mexican-American men, 898 job grading standard, civil service— food service worker, 284 janitor, 285 inhorer, 286 opportunities, educators overseas 556A

 - Jaborer, 286 opportunities, educators overseas, 556A policy and supporting positions, 414 public income-maintenance programs, ef-fect of age and disability on access to, 1394
 - self-employed individuals— definition of earned income for pension

 - definition of earned income for pension plans, report, 449 pension, annuity, etc., income tax, 809 seriously handicapped and voluntary health agency, proceedings of panel discussion, 1320 students, full-time, in retail or service establishments at special minimum
- establishments at special minimum wages, 1490 see also Discrimination in employment— Government officials and employees— also Handicapped—Manpower. Employment Security Bureau: BES series, 593 text research reports, 594 Employment Service: renorming statistical typing test, 594 U.S., and State employment services 1958– 67, manpower and operations research studies of, bibliography, 593 Enamel, see Teeth. End Results Group, 1967 code manual, 1191

- End Results Group, 1967 code manual, 1191 Endocrines, see Endocrinology.
- Endocrinology : endocrine-metabolic

 - parachuting, responses, 103 sequential decompression response dur-ing simulated orbital flight, 97 transatlantic helicopter flight, effects,
- 101 Endotoxins, bacterial reports, soil, USSR,
- Const and Geodetic Survey, science at Const and Geodetic Survey, science at Const and Geodetic Survey, science at
 - Careers, examination announcement, 210 Coast and Geodetic Survey, sclence and engineering presentations, digest, 295 education, bloengineering impact, confer-ence, proceedings, 185 engineering monograph, 1364 (Weather Bureau engineering handbook

- engineering handbook Weather Bur series, 1491
- Engineers:
 - role in socio-economic development of cities (speech), 766 see also Flight engineers—Sanitary engi-
 - neers.
- Engineers Corps (Army) : publications, list, 597

- publications, hst, 534 Engines (alreraft): air inlet particle separator for CV-7A aircraft, design and component test, 180 jet VTOL aircraft, generalized experimen-tal investigation of hot gas recirculation and ingestion, 1003 England, see Great Britain. Engolumont see Colleges and universities

- Enrollment, see Colleges and universities.
- Enrollment, see Colleges and universities. Enthalpy, empirical stagnation-point heat-transfer relation in several gas mixtures at enthalpy high levels, 1058 Environment : aerospace, human responses to, compen-dium, 1024-1026 environmental quality, national policy, concressional white maner 418

- vironmental quality, national congressional white paper, 418

Environment-Continued

gaseous, influence on self-adhesion of metals, 1091

health series, urban and industrial health, 1333

pole-sized ponderosa pine, periodic growth as related to thinning and selected en-vironmental factors, 694

space environments-NASA space vehicle design criteria, 1044 simulated, effects on thermal radiation characteristics of black coatings, errata 1046 submarine, fungal flora during prolonged submergence, 921

time series from beach environment, 611

toward national policy for planning the environment (remarks), 784 Environmental and chemical hazards series,

Environmental Science Services Administra-

tion

Commissioned Officer Corps act of 1968, bearings, 408

commissioned officers, appointment, motion, separation, and retire legislative authority, hearings, 408 proand retirement,

technical memorandums, 611-614

technical reports, 615-616 Enzymes, see Dehydrogenase.

Excene period, echinolds from Middle Eocene Lake City formation of Georgia, 1383 Equality of opportunity in manpower pro-grams, report of activity under title 6 of Civil rights act, 877 Equations:

application of similitude to model design of soll-projectile systems, 1027

Arhenius reliability extrapolation tech-niques, computerized, 1119 infinite-length solution, incompressibly

lubricated Rayleigh step journal bearing, 1096

influence of angle of glide slope on ac-curacy of performing instrument ap-proaches in simulator, 1071

linear, buckling of equatorial segment of spherical shell loaded by its own weight, 1133

Runge-Kutta formulas with stepsize con-trol, classical 5th-, 6th-, 7th-, and 8thorder, 1145 Equations of motion :

on generation of ideal coordinates systems for analysis of optimal trajectories, 1037 reentry equations with 4 degrees of

dom, computer mechanization, 1036 Equations of state, compatibility conditions of theory of micromorphic elastic solids, of th 1034

ERIC, see Educational Resources Informa-tion Center.

Eringen, A. Cemal, compatibility conditions of theory of micromorphic elastic solids, 1034

ERL see ESSA Research Laboratories.

Erosion, see Soil erosion.

Errors, objective detection and correction in radiosonde data, 612

ERS, see Economic Research Service

- Escape systems, Apollo launch-escape ve-hicle configurations, transonic aerodyna-mic characteristics of powered models, 1075
- Escherichia coli, paracolons separating from Shigella by use of Citrate Mannitel Agar medium, 83
- ESEA (elementary and secondary education act), see Elementary education Second. see Elementary education-Secondary education.

ESSA, see Environmental Science Services Administration.

ESSA Research Laboratories : ESSA technical memorandums--ERLTM-AOL series, 611 ERLTM-NSSL series, 612 RLTM-ARL series, 613 RLTM-POL series, 614 ESSA technical report, ERL-APCL series, 615

Essex County, Mass., land exchange, report, 390

Esters, neopentyl polyol, lubricants, wear and friction studies, 1267 Ethylenedinitrilotetraacetic acid, see Acetic

acid.

acid. Ethylenimine, aziridinyl chemosterilants for house flies, 2 Eulogies, see Memorial services. Eureka County, Nev., Mill Canyon area, Cortez quadrangle gold, silver, and other metals, anomalous concentrations, 743

Europe: Czechoslovakia, situation, and U.S. Forces

in Europe, report, 470 ustern, United States Eastern, and Eastern Europe, Air Force Assembly, final report, 65

port, 65 Northern, immigrants, make additional Visas available to, hearings, 406 U.S. troops in Europe, report, 468 western, United States foreign policy brief-ing film analyzing nature and develop-ment of, since end of World War II, discussion guide, 1438 European Customs Union Study Group, con-vention, protocol, report, 437 Evans, John E., remarks, Oct. 29, 1968, 778 Evaporators, analytical model of flash stage, development, 797 Evening and continuation schools. see Schools.

development, the Evening and continuation schools. see Schools. Everything from the ground up, Air Force ROTC, 76 Evvard, John C., atmospheric limits on ob-servational capabilities of aerospace, 1144

typing test, 594 see also Civil service—also types or sub-

jects of examinations. Excise taxes:

automobile, impose on concrete mixers, report, 453

automobiles and telephones services, postpone reduction and extend amendments, summary, 432 rates.

Excitation, spectrum for bose gas with re-pulsive and attractive interactions, 1072 Executives, industrial, views on national

space program, survey, 421 Exhibitions :

United States conventions and exhibitions, 1482

see also subjects.

Eximbank see United States. Export-Import Bank of

Expediting act, see Trusts (industrial). Expenditures :

corporate, as charges to government con-

tracts at government-owned plants, dif-ferences in allowing, GAO, report, 705

see a/so names of departments, etc.-also subject for which expenditures are made.

Experiments and experimentation : radiobiological experiments on

radiobiological experiments on Cosmos-110 biosatellite, USSR study, 865 stability of water lubricated herringbone-groove journal bearings, theoretical considerations Cosmos-

considerations and clearance effects,

youth experiments with science, USSR study, 844 Exploding wires, process as source for high temperature studies, investigations, 1174 Explosions, blast shields testing, 1112

- Explosive guns, exploding foil gun tech-nique, ballistic limit of aluminum plates determined, 1047 Explosives : explosives :
 - plosive and thermic compositions or charges, classification definitions, 1282 urry explosives for use in potentially fiammable gas atmospheres, developexplosive and Blurry
- fianmable gas atmospheres, develop-ment, 977 see also names of explosive substances. Export-Import Bank of United States 1968 report, 619 Export trade, see Commerce. Exporters, Federal program supporting (speech), 819 Exporter (States)

- (speech), 819 Exports: statistical classification, schedule B, 222 see also Commerce—also names or classes of articles exported. Extraction (chemistry): solvent stability and recovery in solvent extraction (chemistry): solvent stability and recovery in solvent extraction desalination, 800 Extrapolation, Arrhenius reliability extrapo-lation techniques, computerized, 1119 Eyes, examining, classification definitions, 1297

- F

- F.P.C. S series, 641 Fabrics, see Textiles.

- Facilities handbook series, 1306 Facility operation, 624 Failing newspaper act, see New
- see Newspapers labor standards act, see Labor stand-Fair ards.
- Fallout, see Radioactivity.
- Families :
 - type, 1968, population characteristics, by 240
 - family law and policy, task force report, 791
 - family planning, nationwide opportunities for action, 759 homeownership for lower income families,
 - 772
- 772
 low income, rental housing, program under (sec. 236), policy, etc., 773
 women by children under 5 years old, cur-rent fertility by social and economic characteristics of women and their families, census of population, 251
 Family farms, see Farms.
 Family planning, see Birth control.
 Fanseen, James F., remarks, Oct. 9, 1968, 640

- 640
- Fans, see Electric fans. Far East, see East (Far East). Far East Symposium on Nutrition, papers,

- Far East Symposium on 1192 Farm buildings: building plan— braced wall silo, 46 4-& 5-room tobacco barns, 48 loading ramp for cattle, 49 Farm credit, see Agricultural credit. Farm Credit Administration: clrcular, 620 retirement of Government capital Farm credit agencies, hearing, 386 Farm labor, census of agriculture, 1 Farm labor, census of agriculture, 250 from
- Farm labor, census of agriculture special report, errata, 250 Farm loans, see Agricultural credit. 1964.
- Farm products, see Agricultural products. Farmers

- armers: expenditures, in 1964, for custom pesticide service, 567 pesticide expenditures for crops, livestock, and other selected uses in 1964, 566 publications, list, 790 self-employed, getting social security credit, 1401 erment, bulleting, 23-36
- Farmers' bulletins, 33-36 Farmers' cooperative organizations, see Pro-duction credit associations.

- Farms, family farm records, 35 see also Electricity. Farnes, P. E., water supply outlook and Federal-State-private cooperative snow surveys for Montana, 1408 Farriery, see Horseshoeing. FAS-M series, 667 Fasteners, see Fastenings. Postoning:

- Fastenings: fastening devices, etc., trade and tariff information, summarles, 1466 trade and tariff information, summarles,
 - 1463

- 1463 Fatigue of materials, see Strains and stresses. Fats, current industrial reports, 230-231 FDL-(series), 1409-11 Fecundity, women by children under 5 years old, current fertility by social and eco-nomic characteristics of women and their families, census of population, 251 Federal agencies, see Government offices. Federal aid, see Grants-in-aid. Federal Aviation Administration : bibliographic list, 623 handbook series, 262 safeguarding classified information hand.

 - safeguarding classified information handbook, 626
- book, 626 Federal career service at your service, 279 Federal career service at your service, 279 Federal Communications Commission, activi-tics, fiscal 1968, summary, 628 Federal Credit Unions Bureau, annual re-port, 629 Federal Deposit Insurance Corporation: audit reports, 703 financial statements, 1967, GAO examina-
- - tion, 367
- report of call, 631 Federal employees, see Government officials
- and employees. Federal employment, see Employment. Federal Fire Council, slide library library, list. 726

- ⁷²⁶ Federal Home Loan Bank Board, financial statements, 1967, GAO examination, 709
 Federal Housing Administration :
 FHA title 1 property improvement loans, prepaid or refinanced, unearned charge, tables of factors for use in determining, 638
 - statements, 1967, GAO examinafinancial tion, 707 counseling service, housing help, 636
- Federal intermediate credit banks, Govern-ment capital, evpedite retirement, hearing,
- Federal item identification guide : cabinets and racks, 530 conduit fittings, 531 conduit outlets, 532

 - gaskets, packings, and seals, 533 improvement program procedures manual, 529
 - pipe and tube, metallic, 534 ranges, electric, gas, and oll burning, 535 resistors, variable, 536 rings, wiping and sealing, 587
- Federal lands, see Public lands.
- Federal manual for supply cataloging, 526

Maritime Commission, SP series, Federal 639-640

- Federal meteorological handbooks, 306-307 Federal personnel manual, see Civil service.
- Federal Power Commission :
- organization and work, informal explanation, 642
- S series, 641

Do not order from index; see indicated entry

- Federal reserve system : Federal reserve act, amend, law, 341 Federal Reserve discount policy in per-spective (paper), 652
- Federal Reserve System Board of Governors, rulings regarding loan production offices and purchases of operating subsidiaries, hearings, 394

Federal standards, 659 Federal Trade Commission, statutes court decisions, 1966 supplement, 661 Fees, attorneys, for services renders

Fees, attorneys, for services rendered t persons having claims against U.S., restor

right to choose own counsel, hearings, 405 Fehlberg, Erwin, classical 5th-, 6th-, 7th-, and 8th-order Runge-Kutta formulas with

stepsize control, 1145 Fergus, Andrew J. flotation characteristics of some beryllium minerals and assorted gangue minerals, 976

some beryllium minerals and assorted gangue minerals, 976
Fermentation research, publications and patents, Northern Utilization Research and Development Division, Peorla, III., S Fertility, see Fecundity.
Fertility, see Fecundity.
Fertility, see Fecundity.
Fertility, see Fecundity.
Fertility, see Fecundity.
Fertility, see Fecundity.
Fertility, see Fecundity.
Fertility, see Fecundity.
Fertility, see Fecundity.
Fertility, see Fecundity.
Fertility, see Fecundity.
Fertility, see Fecundity.
Fetting, effects on food chain organisms and fish production in Norris Reservoir, Tenn., 1473
Fetterman, William J., massacre of, Fort Philip Kenrney. investigation records, microcopy, pamphlet to accompany, 1169
FG series, 260-261A
FiAA, see Federal Housing Administration.
Fibers see Wood fiber-also names of certain plants, textiles, etc.
Pield directory, HEW, 760
Field directory, HEW, 760
Field manuals. see names of departments etc., issuing field manuals.
FIIG, see Federal Item identification guide.
Filaments bonded to metals reinforced on surface, compressive properties and column efficience 1101

Filaments bonded to metals reinforced on surface, compressive properties and column efficiency, 1101
Filling, remote, of underground cavities and passageways, use of fly ash, 982
Film strips, see Filmstrips.
Films (coatings): oxide films in high-temperature aqueous environment, growth characteristics of iron oxide films generated in dilute Lithium Hydroxide solution at 300°c, 1261

superconduction thin films, 1014 thin film oxygen partial pressure sensors, investigation, 1010 Films (photography), see Filmslides-Motion

pictures. Filmslides, Federal Fire Council slide library,

list, 726

Filmstrips, catalog of copyright entries, 519-520 Finance :

city government, 247

farm financial management research, theoretical analysis, 570 financial

problem (remarks), resources 1479 financial statements

Federal Deposit Insurance Corporation, GAO examination, 367 Federal Home Loan Bank Board, GAO examination, 709

Federal Housing Administration, GAO examination, 707

examination, 707 Federal Savings and Loan Insurance Corporation, 634 form and content, 1375 Government Printing Office, GAO ex-amination, 708 financing industrial development through State and local governments, 565 government finances, GF series, 247 municipal financing of public facilities, hearings, 344 short and long of it (remerke), 1460

short and long of it (remarks), 1480 statistics, Federal reserve chart chart book historical supplement, 654

Federal retirement systems, see Civil service pensions.
Federal Savings and Loan Insurance Corporation, financial statements, 634
Federal specifications, see Government supplies.
Federal standards, 659
Federal Trade Commission, statutes and court decisions, 1966 supplement, 661
Federal statorneys for services rendered to

ing.

ing. Financial statements, see Finance. Finnish language, Foreign Service Institute graded reader, 1441 Fir. Douglas, inland, constructing site index curves from measurements of tree age and height, and its application to, method, and

Fire control (gunnery) : instruments, lubrication, military stand-

instruments, ard, 551 Fire protection, see Fires. Fire protection, see Coating ma-

Firearms: published ordinances, State laws and local ordinances relevant to Title 18, U.S.C., chap. 44, 811 small arms, preservative-lubricant, 1265 Fireplaces, and chimneys, general infor-mation, 33

Fires :

Fires: fire protection program, operational pro-cedures, Air Force manual, 73 life safety from fire, guide for housing the elderly, 785 see also Arson. Fish and fisheries:

anadromous fish conservation act of 1965.

- amend, hearings, 409 Appalachia, effects of surface mining, re-port, 1427
- nservation, modify operation of Kortes unit, Missouri River Basin project, Wyo., report, 442 conservation,

current fishery statistics, CFS series, 318-319

fertilizer effects on food chain organisms and fish production, 1473 fish and wildlife restoration, Federal aid.

1426

1426 fishery bulletin, 322–324 fishery leaflets, 323–324 fishery products protection by sanitary standards and inspections, hearings, 409 Florida landings, 318 freezing in home, 39 how to determine quantities for chemical treatments in fish farming, treatment time 1428 tips, 1428

tips, 1423 leaflets, list, 323 legislation, hearings, 409 management of fish on Federal lands, by States, hearings, 461 parasites of freshwater fishes, 1410

parasities of freshwater lishes, 1410 shrimp landings, 319 see also names or classes of fish. Fish culture, see Fish and fisheries. Fish disease leaflet FDL-(series), 1409-11 Fish farming, see Fish and fisheries.

Fisheries, see Fish and fisheries.

Fishermen, tips for safety at sea, 301

Fishermen's and fish shore workers' unions, list, 324

Fishery products, see Fish and fisheries.

Fishery-Oceanographic Center, La Jolla, Calif., report, 321

Fishing vessels. tips for fishermen, safety suggestions, 301

Fisk, Allen L., Missouri Basin Inter-Agency Committee, minutes of meeting, 991 Fittings (auxiliary parts) : conduit, Federal item identification guide,

531

Flammability, see Inflammable materials.

Page 124

Fleming, David P., stability analysis for unloaded externally pressurized gas-lubri-cated bearings with journal rotation, 1140

F'hies trichoptera of Lesser Antilles,

caddisfiles, trichoptera of Lesser Antilles, description, etc., 1208 house flies, aziridinyl chemosterilants for, 2

Flight :

- borderline medical problems and fitness
- for flying, 86 calculated and flight-measured handling-qualities factors of 3 subsonic jet transports, 1068
- low subsonic of supersonic transport model wing, investigavariable-sweep with var tion, 1053
- pilot performance, transfer of training and degree of simulation, non-jet experi-enced pilots versus simulation fidelity,
- simulated orbital, endocrine-metabolic response to sequential decompression dur-
- tests under IFR with STOL transport ar-

- test's under IFR with STOL transport air-craft, 1143 Flight crews, aircrew attitudes and job satisfaction trends, wives' report, 100 Flight engineers, written test guide, 625 Flight simulation, see Simulation. Flight simulators, influence of angle of glide slope on accuracy of performing in-strument approaches, 1071 Flint, Oliver S., jr., trichoptera (caddis-flies) of Lesser Antilles, 1208 Flood insurance, see National flood insur-ance.
- ance.

Floods:

- catastrophic late Pleistocene, Bonneville flood in Snake River Plain, Idaho, 750 control, rivers and harbors, and river basin monetary authorizations, 1968, hearings, 415
- Flora, see Plants. Florida :

- central and southern, water resources, engineer report-departmental edition, 603

- document edition, 363 document edition, 363 landings, fish and shellfish, 318 marketing vegetables, 1968 summary, 510 mineral industry, minerals yearbook chap-tor 051 ter, 951
- Flotation, characteristics of some beryllium minerals and associated gangue minerals, 976
- Flow: flow with blunt-body stagnation-region flow with nongray radiation heat transfer, singular perturbation solution, 1148

 - direction, measurement by use of small combination sensing probe, 1062 field, supersonic, estimate, about axisym-metric body with N wave pressure trace, 1141

 - flow-field investigations on X-15 airplane and model up to hypersonic speeds, 1061 flow-field properties near arrow-wing-body model at Mach numbers 1.60, 2.36, and 2.96, 1060
- 2.96, 1060 flow-induced vibrations of flat plate sus-pended in narrow channel, 1013 hypersonic, real-helium, for pressures to 3600 atmospheres and temperatures to 15 000° K, 1092 incompressible turbulent swirling flow in pipes, analytical investigation, 1006 Flue dust, use of fly ash for remote filling of underground cavities and passageways, 982
- 982

nics (science). and diffusion, Fluid mechanics, see Mechanics uids, sprinkling, spraying a classification definitions, 1292 Fluids.

Flukes, trematoda and trematoda diseases, index-catalogue, 13

Fluorescence, in fused silica during TRIGA pulse irradiation, 1015 Fluorocarbon fatigue life of 120-MM bore ball bearings at 600° F with, 1079 Fly ash, see Flue dust. Flying, see Flight—Instrument flying. FMC SP series, 639-640 Exonmed plastics

Foamed plastics, see Plastics.

Fog signals :

Naval Oceanographic Office, list— Norway, Iceland and Arctic Ocean, 1246 Western Pacific and Indian Oceans, etc.,

Fogel, Walter, job gains of Mexican-Ameri-can men, 898 Foils, see Metal foils.

- Food and farm products, USDA grade names,
 - distribution facilities, Cincinnati, Ohio, distribution study, 43 exports directory, 667 guide for older folks, 38 hunger and malnutrition (address), 26 hunger in food, analytical

- pesticides, residues in food, analytical manual, errata, 666 retailers, encourage your low-income cus-tomers to take part in food stamp program, 51

gram, 51 see Menus for spaceflight. Food for fish, fertilizer effects on food chain organisms and fish production in Norris Reservoir, Tenn, 1473 Food service worker, job grading standard,

civil service, 284 Food stamps, food stamp program, retailers encourage your low-income customers to encourage yo take part, 51 Foraminifera,

- take part, 51 Foraminifera, Middle Miocene and strati-graphic relations in Adelaida quadrangle, San Luis Obispo County, Calif., 734 Force and energy, force investigation of supersonic transport model with variable-sweep wing, 1053

sweep wing, 1053 Forecasts, long range forecasting methodol-ogy Air Force symposium, 78 Foreign affairs, see International relations. Foreign Affairs Committee, House: activities, 90th Congress, 401 committee prints, 397-401 Foreign Agricultural Service, miscellaneous, FAS-M series, 667 Foreign agricultural trade, see Agricultural products.

products

Foreign agriculture, see Agriculture.

Foreign aid :

economic assistance to Latin America, ob-ligations and loan authorizations, 822 foreign assistance act of 1961 amend-

analysis of bill, 399

Ramseyer rule print of bill, 398

foreign assistance act of 1968-

analysis, 399 Ramseyer rule print, 398

- foreign assistance act of 1969, background material, fiscal year 1969, compliation, 397
- agreement with technical cooperation, Afghanistan, 1449 S. assistance program in Viet-Nam, 1439
- USDA/AID training programs, picture story, 56

Foreign assistance, see Foreign aid.

Foreign Claims Settlement Commission, decisions and annotations, 668

Foreign commerce, see Commerce.

Foreign commerce, see Commerce. Foreign countries: background notes, 1436 births of United States citizens abroad, 1965 reports, 1330 developing nations and space technology transfer, 1031 economic concentration, hearings, 485 passenger travel to and from U.S., 788 plant quarantine import requirements, summaries, list, 10

Foreign policy, see International relations. Foreign Relations Committee, Senate: committee prints, 468–470 hearing, 467 Foreign Service, department and foreign service series, 1437 Foreign Service Institute: Foreign Service Institute: Finnish, graded reader, 1441 Indonesian, newspaper reader, 1443 Foreign trade, see Commerce. Forest management: eren-aged management, Piedmont National Wildlife Refuge, 1412 timber stands, rapid computation of yield tables, 698 Forest Froducts Laboratory, publications, list, chemistry of wood, 670 Forest Service: research notes, 674-682 research papers, 6874-682 research papers, 683-699 resource bulletins, 700-701 Forest thinning, ponderosa pine, pole-sized, periodic growth as related to thinning and environmental factors, 694 Forests and forestry: cast Okinhoma forests, 701 forest atlas of Northeast, 669 historic books and memogratic concern historic books and manuscripts concern-ing horticulture and forestry in collec-tion of National Agricultural Library, industry, expansion opportunity in Ten-nessee Valley, 1474 insect outbreaks in Oregon and Washington, 671 research notes, 674–682 research papers, 683–699 resource bulletins, 700–701 ash, can thinning cause nitrogen defi-ciency in pumice soils of central Oregon ? slash. 680 see also Forest thinning-also names of forests. forests. Forgings, see Steel. Forks, trade and tariff information, sum-marics, 1464 Forshey, D. R., reactivity of ammonium ni-trate-fuel oil with pyrite-bearing ores, 975 Fort Barard Military Reservation, lands, sell to Central, N. Mex., hearings, 387 Fort Collins, Colo., WWV radio station, fre-ouency-time broadcast services, chro-nology, 1182

dress), 308

nology, 1182

nology, 1182 Fort Laramie National Historic Site, gen-eral Information, 1220 Fort Philip Kearney, Dakota Territory, mas-sacre. investigation records, microcopy, promulat to accompany 1160 pamphlet to accompany, 1169 Fortran, see Electronic data processing.

Fortran, see Electronic data processing. Foundations (construction): flexible, critical-speed analysis of rigid rotors on, 1084 house foundation of treated wood after 30 years' service, 688 Fourth-class mail rates, see Postage.

Fowler, Henry H., remarks, Oct. 1, 1968, 1479

 Fox, John L., selected readings in techniques of stereotaxic brain surgery, 1485
 Fox, Kenneth, F., jr., gcology of magnesite deposits in northern Okangoan County, Wash., preliminary report, 735 FPC S series, 641

Fracture of metals: fatigue crack propagation in cylindrical cells, 1018

low temperature behavior of notched and welded plates, effect of repeated loads, 1376

Franco, John J. :

navigation conditions at Robert S. Kerr Lock and Dam, Arkansas River, hydrau-lic model investigation, 605

Foreign direct investment program (ad-1 Franco, John J .---Continued

navigation conditions in Fort Smith reach, Arkansas River, 607 anklin Delano Koosevelt Postal Station, New York, N.Y., dedication (address), Franklin 1301

Freeman, Delma C., jr., low subsonic flight and force investigation of supersonic trans-port model with variable-sweep wing, 1053 Freeman, Orville L., address, July 15, 1968,

Freeman, Philip G., coal-derived humus, plant growth effects, 981 Freeze drying, see Lyophilization.

Freezing: desaiting of seawater by freezing, 80% resistance to, by preplaced-aggregate con-

cal study, 798 see also names of commodities, etc., frozen,

Freight forwarders, TOF C contracts with rallroads, permit, amend interstate com-merce act, hearings, 462 French Guiana, capsule facts for Armed

Forces, 114

Freon, freon-114 data in scaled venturis, pre-diction of thermodynamic effects of developed cavitation, 1116

Fresh water fishes, see Fish and fisheries. Friar, John G., practical Spanish grammar for horder patrol officers, 787 Friction :

single-crystal and polycrystalline gold, in-

fluence of surface films, 1098 sliding, of copper alloys in vacuum, 1065 studies of neopentyl polyol ester lubri-cants, 1267

Fruit juices, see names of fruit juices, Fry Bernard L., supplement to feasibility of V/STOL concepts for short-haul transfeasibility

of V/STOL concepts for short-haul trans-port alreraft, 993 Fuel, circulating-liquid-metal-fuel reactor, two dimensional high-power kinetics, 1073 Fuel elements, see Reactor fuel elements. Fuel oil, reactivity of ammonium nitrate-fuel oil with pyrite-bearing ores, 975

Fuels, see Reactor fuels,

Funds, matching fund, highlights, marketing service programs, 506 see also Revolving funds--Welfare funds--

-Welfare fundsalso subjects for which funds are used.

Fundus tracker, see Optical instruments and apparatus.

Fungi, fungal flora of submarine environ-ment during prolonged submergence. 921 Fur bearing animals, fur catch in United States, 1967, list, price per pelt, etc., 1431 Furniture, trade and tariff information, summaries, 1466

Fused salts, see Salts.

G

G force, see Gravity. Gagosz, R., optical absorption and fluores-cence in fused allica during TRIGA pulse irradiation, 1015

Gallagher, Cornelius E., report of 11th meet-ing of Canada-United States Interparlia-

mentary Group, 373 Gambino, Jerome J., effects of rate of de-livery of ionizing radiation on LD 50/30 of rodents, 91

Game and game birds, big game inventory, 1430

Game birds, see Game and game birds.

Gamma-rays: nuclear reaction, studying by use of an-nular lithium-drifted germanium detector. 1001

radiation field in air due to distributed gamma-ray sources in ground, 186

Gamma spectrometers, see Spectrometers.

Page 126

characteristics of some flotation Gangue beryllium minerals and associated gangue minerals, 976

Gardening, see Gardens.

Gardens, home and garden bulletin, 38-41 Gas

- se, with repulsive and attractive inter-actions, excitation spectrum, 1072 stonations, large-scale studies, 978 hose
- actions, excitation spectrum, 1072 detonations, large-scale studies, 978 hot, recirculation and ingestion for jet VTOL aircraft, generalized experi-mental investigation, 1003 mixtures at high enthalpy levels, empiri-cal stagnation-point heat-transfer rela-
- tion in, 1058 natural
- liquids, minerals yearbook chapter, 971 reserves adequate for U.S. needs (ad-dress), 793
- transmission and distribution industry, emergency operations guide, 1273 Gas stoves, see Stoves.

Gases

- ases: environment, influence on self-adhesion of metals, 1091 flammable slurry explosives for use in po-tentially flammable gas atmospheres, development, 977 askets, Federal item identification guide,
- Gaskets,
- 533 Gates, Paul W., history of public land law development, 1359 General Accounting Office, needs graduates in business administration, 725 General Assembly of United Nations, see United Nations.

General Services Administration, survey of operations, hearing, 402 Generation of ideal coordinate systems for analysis of optimal trajectories, 1037 of

Generators. 800 names or types generators.

- generators. Geochemistry: geochemical evidence for possible con-cealed mineral deposits near Monticello Box, northern Sierra Cuchillo, Socorro County, N. Mex., 740 Lewis and Clark Range, southeastern part, Mont., 731 Geography, geographic area coding manual, cross reference section for 1967 censuses of business, manufactures, etc., 221 Geological Survey:

Geological Survey : bulletins, 728–735 circulars, 736–743 professional papers, 745–752 research, 752

water supply papers, 756

Geology :

district, Custer Alder Creek mining Alder Creek mining district, Custer County, Idaho, 729 Barao de Cocais area, Minas Gerais, Bra-zil, 745 contributions to economic geology (ser-ies), 729-731, 735 contributions to general geology (series),

- evaporite, of Fifth ore zone, Carlsbad dis-
- evaporite, of Fifth ore zone, Carlsbad district, southeastern New Mexico, 730
 geologic investigations in Slick Rock district, San Miguel and Dolores Counties, Colo. (series), 747
 Hot Sulphur Springs quadrangle, Grand County, Colo., 748
 Lewis and Clark Range, southeastern part, Mont., 731
 magnetic denosity in Okanogan County

deposits in Okanogan County, magnesite de Wash., 735

- Minas Gerias, Brazil (series), 745 Mockingbird Gap quadrangle, Lin Socorro Counties, N. Mex., 749 Lincoln and
- shorter contributions to general geology (series), 749
- erra Redonda Mountain and quadrangles, Monterey and S Obispo Counties Calif., 732 Bradley Tierra and San Luis

Geometric properties of prestressed seg-mented spherical shell, 1032 Geometry, geometrical image aberrations in single- and double-mirror systems, mathe-

matical determination, 1052

Geophysics :

geophysical field investigations, (series), 746

74b
 geophysical study in Grand Teton Na-tional Park and vicinity, Teton County, Wyo., 746
 Lewis and Clark Range, southeastern part, Mont., 731

Georgia :

mineral industry, minerals yearbook chapter, 952

- pollution of interstate waters of Coosa River and its tributaries, conference proceedings, 662
- Germanium, detector, drifted for studyin gamma-rays, 1001 studying nuclear lithiumreaction

Germany : East, see below, Soviet Zone.

Soviet Zone, mineral industry, minerals yearbook chapter, 950 GF series, 247

- Gr series, 2*4 Ghettos, see Race problems. Gifts, holiday gift list for readers, 1323 Gibreath, William, P., influence of gaseous environment on self-adhesion of metals,
- licenth, Melvin G., radiofrequency trans-mission characteristics of several abla-Gilreath.
- tion materials, 1102 Giza, Richard, DHEW obligations to medi-cal schools, 1189
- cal schools, 1189 Glacial period, catastrophic late Pleistocene Bonneville flood in Snake River Plain, Idaho, 750 Glaciers, buoyancy stabilized hot point drill for studies, 135 Glasser, Peter E., space technology transfer
- and developing nations, 1031
- Glass : production of temperatures below 1°K by production of temperatures below 1°K by diabatic demagnetization of cerlum-barium metaphosphate cerlum-barium metaphosphate (CBP) glass, 1258 tube apparatus for large-scale culture of chlorella, USSR study, 833 lassware, pressed and blown, trade and tariff information, summaries, 1462 lawe, George E., small combination sens-ing probe for measurement of temperature, programs and flow direction 1062

Glassware,

Glawe,

pressure and flow direction, 1062 enn, William G., telemetric automated microbial identification system (TAMISO Glenn

and subsystems), 80 ossaries, fabric imperfections, Federal Glossaries. standard, 659

Glucose: tolerance in dogs exposed to altitude and drug administration amphetamines, 95

- ampnetamines, 93 diphenbydramine, 94 meperidine, 96 ras, Richard E., calculation of fuel loss from vented nuclear fuel elements for space power reactors, 1128 Gluyas,

Go government, 282, 289 Goforth, Tom T., seismic effects of sonic Goforth, Tom booms, 1000

oggin, Daniel T., international boundaries, preliminary inventory of records, 1171 Goggin,

Gold :

anomalous concentrations in Mill Canyon area. Cortez Quadrangle, Eureka and area. Cortez Quadrangle, Eureka Lander Counties, Nev., 743 determination, in geologic materiali neutron-activation analysis using

- materials bv fire for radio-chemical separations, assay 739
- distribution McCarthy B-4 and B-5 quad-rangles, Alaska, 742 in meteorites and in earth's crust, 741

Do not order from index; see indicated entry

Gold-Continued

- ninerals yearbook chapter, 937 principal gold-producing districts, United States, 751
- single-crystal and polycrystalline, influ-ence of surface films on friction and deformation, 1098
- standards, next steps in internat monetary reform, hearings, 345 Golden nematodes, see Nematoid worms. in international

Good, Paul, cycle to nowhere, 270 Good, Terry W., Alaska file of Secretary of Treasury, pamphlet, 1165 Government:

bookstores, information, 1324

census

final reports, 219

publications, recurrent re uled, announcement, 249 reports, sched-

elty finances, 247 Confederate States of America, archives,

- city finances, 244 Confederate States of America, archives, guide, 1159 Federal system, improve effectiveness, role of Advisory Commission on Intergov-ernmental Relations, 1 government finances, GF series, 247 new horizons in local government (ad-desc) 780
- dress), 780 specialists and generalists, selection of

specialists and generalists, selection or readings, 476 State and local, financing industrial de-velopment, 565 state payments to local governments, 219 United States foreign credits, 1478 Government contracts: at government-owned, contractor-operated plants, differences in allowing corporate eveneses GAO report 705

plants, differences in allowing corporate expenses, GAO report, 705 construction by contract, Reclamation Bureau safety requirements, 1363 institutional grants bill, hearings, 419 jurisdiction of U.S. courts over claims against nonappropriated fund activities, hearing, 429

hearings, 489 MILSCAP, milit administration ation procedures standard contract redures, DoD data system, over-vlew, etc., 552

procurement-

457 423 M-16 rifles, additional, report, 457 small business position, hearings, 423 negotiation act of 1951, examination, renegotiation 430 report,

small business in area of Federal procure-ment, problems, report, 454 support service contracting, status, staff

report, 420

GAO report, 717 Government employees, see Government offi-

cials and employees.

Government employment, see Employment.

Government offices: attorneys' fees for services in proceedings before administrative agencies, restore to persons having claims against U.S., right to choose their own counsel, hearing, 405

nonappropriated fund activities, jurisdic-tion of U.S. courts over contract claims, hearings, 489

summer jobs in Federal agencies, 292 survey of operations, General Services rvey of operations, Gener Administration, hearing, 402

see also Government supplies. Government officials and employees:

1334-35

Federal employee health series, health services, prospectus, 1334 off-campus study centers, 290

personnel system, introduction, 279 policy and supporting positions, 414 protect in enjoyment of constitu

rights and prevent invasion of privacy, hearings, 412

summer jobs in Federal agencies, 292

Government officials and employees—Con. wage board employees, coordinated Fed-eral wage system, 413 see also Civil service—also Civil service

pensions. Government Operations Committee, House, hearings, 402

nearings, 402 Government Operations Committee, Senate: committee print, 471-473, 476 hearings, 474-475 Government Printing Office: bookstores, information, 1324 financial statements, 1967, GAO examina-tion, 700

tion, 708 Government publications :

classified list, 1325 price lists, Public Documents Division, PL series, 1326–29 see also names of departments, etc.,

issuing publications, also subjects. Government supplies: Federal item identify

Federal item identification guides improve

ment program procedures manual, 529 Federal manual for supply cataloging for-mat, content, and preparation of Fed-eral supply catalog publications, 526 Federal specifications, 659 Federal supply catalog, GSA stock catalog, identification list, 660

procurement, small business position, hear-ings, 423 ween, Justin B., mineral industry of Portu-

ings, 423 Gowen, Justin B., mineral industry of Portu-gal, 964 Gracey, William, comparison of information display concepts for landing of VTOL afrenaft, 1086 Grad, Frank P., legal remedies for housing code violations, 1318 Gradlents (mathematics) : electrical system power flow optimization, using gradient method, USSR study, 851 Gradlng of commercial products, see names of products.

Grading of commercial products, see names of products. Graduate students, see Students. Graduates, business administration, oppor-tunities in General Accounting Office, 725 Grafting of organic polymers onto inorganic substances, 191 Grammar, see names of foreign languages. Grand Teton National Park: geoperal information, 1221 geophysical study, 746 Grant County, Ark., water resources, 756 Grants-in-nid:

Grants-in-aid :

air pollution prevention and control pro-

air pollution prevention and control pro-grams, progress report, 433 colleges and universities, national pro-gram for advancement of science and education of scientists, hearings, 419 and

educational services in public and private nonprofit child day care centers, improve, hearings, 396

finance travel to international youth con-ferences, hearings, 495A grants to States for public health services,

1336

highway safety act of 1966, cost esti-mates, report, 417

international health, education, and labor programs, hearings, 495A

National Institute of Dental Research, 1967 funds, 1194 operating Federal assistance programs,

ating Federal assistance programs, listing compiled during Roth study. operating

print as House document, report, 380

public Health Service, funds, 1967-construction of facilities, 1347 health services, formula, project, re-gional medical planning grants, etc., 1348

public works and economic development act of 1965, administration of sec. 702, hearings, 416

Page 128

- Grapefruit juice, standards for grades, 512 Graphites, artificial, crystallographic data, 1107 Grasses key to native perennial grasses,
- Grasses, key to native perennial grasses, Midwest region east of Great Plains, 1407 Gratuities, special information about social
- for people who receive cash tips, security 1400

1400 Gravel Island National Wildlife Refuge, designate as wilderness, hearing, 479 Gravity, transverse G, special reference to, effects of acceleration on human per-formance and physiology, 81 Gravity, specific, see Specific gravity. Grease, see Lubricants. Gravet Resing four contermillars, see Tent

- Grease, see Lubricants. Great Basin tent caterpillars, see Tent caterpillars. Great Britain:
- infant and perinatal mortality in Eng-land, 1351 south coast, sailing directions, change,
- 1239

Great Lakes :

- alewife controls, hearings, 409 pilot survey, supplement, 905 Great South Bay, eastern section, pollution, progress evaluation meeting, proceedings,

- Great Swamp National Wildlife Refuge, designate certain lands as wilderness, hearing, 479
 Green Bay National Wildlife Refuge, designate as wilderness, hearing, 479
 Griffint, Noyce L., electronics for hospital patient care, 1337
 Griffitts, Wallace R., geochemical evidence for possible concealed mineral deposits near Monticello Box, northern Sierra Cuchilo, Socorro County, N. Mex., 740
 Grocery stores, see Stores.
 Gross, Joseph E., III, preprocessing elec-tronic satellite observations, 1011
 Group insurance, see Life insurance.
 Growth, seasonal height growth of upper-slope conifers, 691

Growth, seasonal he slope conifers, 691

Guam development fund act of 1968, report, 372 economic development, promote, report, 372

Guaranties and sureties:

- Aircraft guarantees loan program, amend
 - act, hearing, 404 filings of surety bonds, etc., by motor car-riers subject to interstate commerce act,
- rules and regulations, 829 Guilford Courthouse, general information,
- 1222 Gulf Intracoastal Waterway, see Intracoastal

Waterway

Gulick, J. W.:

remarks-Oct. 11, 1968, 915 Oct. 29, 1968, 916 Guns, see Explosive guns.

Gustavson, Samuel A., mineral industry of delaware, 949

Ħ

- Haar, Charles M.: addresses, etc.— Oct. 12, 1968, 784 Oct. 22, 1968, 784 disability, work, and income maintenance, prevalence of disability, 1393 effect of age and disability on access to mublic income-maintenance programs,
 - public 1394 income-maintenance programs,

identifying disabled, concepts and methods

in measurement of disability, 1392 Halberg, H. N., water resources of Grant and Hot Spring Counties, Ark., 756

Hale, Henry B.: decompression stress in simulated orbital flight, 93

- - decompression during simulated orbital flight, 97 nitrogen and helium as factors affecting nitrogen mersion stress severity, 98
- nitrogen and helium as factors affecting decompression stress severity, 98 Halides, hydrogen, use in producing disper-sion strengthened chromium by ball-milling, 1127 Hall, Annie L. and Evelyn, relief, 387 Hall, David A., thermal evaluation of poly-vinylchloride exposure sult (Empress) and conversion with present submarine deck

- Main, David X., thermal evaluation of poly-vinylchloride exposure sult (Empress) and comparison with present submarine deck exposure suit, 920
 Hamrock, Bernard J., incompressibly lubri-cated Rayleigh step journal bearing, infi-nite-length solution, 1096
 Hand tools, trade and tariff information, summaries, 1464
 Handbooks, see names of departments, etc., issuing handbooks-also subjects.

- issuing handbooks-also subjects.

Handicapped :

- andicapped: dependents of members of uniformed serv-ices, benefits, 757 employment opportunities through voca-tional rehabilitation (remarks), 1319 Federal employment, the handcapped
- Federal employment, the handi speak, conference highlights, 283 mobility for handicapped students, 1367
- moninity for handcapped students, 1301 prevalence of selected impairments July 1963-June 1965, United States, 1352 seriously handicapped and voluntary health agency, proceedings of panel discussion, 1320 transition guidebolts, 1211 proceedings of panel

- health agency, proceedings of panel discussion, 1320 travelers, guidebooks, 1311 workers in sheltered workshops, special minimum wages, 1489 Handling equipment, weapon packaging, handling, storage and transportation prep-aration, performance and compatibility requirements, military standard, 549 Harbors Beach, Mich., currents, 903 Harbors, flood control and river basin mone-tary authorizations, 1968, hearings, 415 see also names of harbors or places where located.

located.

- Hardware: builders', Army technical manual, 176 retailing, bibliography, 1379 space, microbiological examination, NASA standard procedures, 1045 trade and tariff information, summaries,
 - 1463
- 1405
 1405
 Hardy, Edward P., jr., Health and Safety Laboratory fallout program, quarterly summary report, 187
 Harper, John W., simultaneous determina-tion of ⁵⁰ Fe, ⁵¹ Cr, and ¹²⁵ I, using gamma spectrometer, 89
- Harper, William B., natural gas liquids, 971 Harris, J. Donald, use of circumaural ear-phones in audiometry, 926
- Harrison, W., time series from beach environment, 611 Harrison, William Henry, letters of applica-tion and recommendation during admin-istration, pamphlet to accompany micro-copy, 1162 Harter Locenh M. Indonesian, newspaper
- Harter, Joseph M., Indoneslan, newspaper reader, 1443 Hartman, Bryce O., psychomotor effects of
- Hartman, Bryce G., psychomotor effects of low doses of acetazolamide to ald accom-modation of men to altitude, 99 Hartsack, Albert W., jr., automatic device for dividing and packaging light trap in-sect catches according to time intervals, 5

Harvey, E. B., atlas of domestic turkey, myology and osteology, 196

Hawail :

coast pilot, 297 mineral industry, yearbook minerals chapter, 953

Do not order from index; see indicated entry

Hawley, C. C., distribution of beryllium, tin and tungsten in Lake George area, Colo., 738 Head, position, influence on habitation of vertical nystagmus, 209 Head positioning for Panorex X-ray machine, 928 Head Start Project, see Project Head Start. Headsers, use of circumaural earphones in

Head positioning for Panorex X-ray machine, 928 Head Start Project, see Project Head Start. Headsets, use of circumaural earphones in audiometry, 926 Health :

enfronmental health series, urban and in-dustrial health, 1333 Federal coal mine health and safety act

Federal coal mine health and safety act of 1968, recommendations, 365 Federal employee health series, 1334-35 international health, education, and labor programs, hearings, 495A manpower, 1965-67, United States, 1355 professions, student loan program, guide for repayment, deferment, cancellation, 1901 1201

public

laws, compilation, 493

State salary ranges of positions, 76 public health monograph series, 1346 Public Health Service grants, etc.— 762

funds, 1967— construction of research facilities, 1347

formula, project grants and regional medical planning grants, etc., 1348 research laboratory design, 1193 services

for Federal employees, prospectus, 1334 handicapped dependents of members of uniformed services, 757

shipbuilding regulations, 887

statistics

data from national health survey, 1352 54

04 data on national health resources, voluntary health agency and seri handicapped, proceedings of discussion, 1320 seriously 1355 panel

discussion, 1320 Health and Safety Laboratory : AEC fallout program, quarterly summary report, 187 appendix, 188 Health, Education, and Welfare Department : field directory, 760 obligations to medical schools, 1189 parents as partners in programs for chil-dren and youth, 761 rehabilitation of the disabled, need to im-prove procedures for reporting individ-uals as rehabilitated, GAO report, 715 Health insurance :

Health insurance : persons, directory of providers of aged

servicesextended care facilities, 1389 home health agencies, 1389A hospitals, 1390 independent laboratories, 1391 coverage of disabled, 1395

Hearing:

Hearing: status and ear examination, adults, United States, 1960-62, findings, 1354 use of circumaural earphones in audiom-etry, 926 Hearn, George H., remarks, Oct. 3, 1968, 639 Heart, rhythm disorders, automatic recogni-tion manifested by variations of RR and PR intervals of ECG, USSR study, 837 Heat:

Heat :

thermal analysis of shadow shield and structural members in vacuum, 1099 thermal studies of spacecraft, use of radiometer, 1136 thermic compositions or charges, classifi-cation definitions, 1282 Heat transfer:

eat transfer: and pressure distributions— due to sinusoidal distortions on flat plate at Mach 20 in helium, 1123 inside hinge-line gap of wedge-flap com-

bination at Mach number 10.4, 1126

heat-transfer and pressure distributions on spherically blunted 25° half-angle cone at Mach 8 and angles of attack up to 90°, 1056

laminar, and shear stress functions in equilibrium dissociated air approximate

equilibrium dissociated air approximate relations, errata, 1049 radiative and convective heating during atmospheric entry, 1007 solar Brayton heat receiver, transient solidification outside cooled pipe with application to, 1114 e. Olman, review of mineral industries, 062

Hee 983

Heindl, R. A., platinum-groups metals, 972
 Helicopters:
 height-velocity diagram showing effects of density alititude and gross weight, investigation, 1050

noise, blade slap, review and theoretical study, 1030 transatlantic flight, endocrine-metabolic

effects, 101 Heliports :

Army airfield and heliport, rigid and overlay design, technical manual, 177 planning and design, theater of operations, Army technical manual, 174

Helium :

and nitrogen as factor affecting decom-

president as factor anecting decom-president as a president and a severity, 98 real-helium hypersonic flow parameters for pressures to 3600 atmospheres and temperatures to 15 000° K, 1092

Heller, Louise A., circadian rhythms, selected references, 623

Henricks, Herbert D., resolution changes in lithlum-drifted silicon semi-conductor detectors irradiated with 0.5, 1.0, 2.0, and 3.0 MeV, 1118

Herbert Hoover National Historic Site, gen-eral information, 1223

Herbicides, lawn weed control, 40

Heriot, Laura, Negro population of selected areas of U.S. in which special censuses have been taken, 245

Herrick, Allison B., area handbook for Tan-zania, 170

Herring. erring, H. James, method of calculating compressible turbulent boundary layers, 1002

Hersch, Martin, performance and stability charteristics of nitrogen tetroxide-hydra-zine combustors, 1055 Hesketh, Wilfred D., effects on zinc concen-tration on output of zinc-doped germanium detectors, 1070

HEW, see Health, Education, and Welfare Department.

Heyman, Margaret M., criteria and guide-lines for evaluation of in-service trainlines for ing, 1385

Higgins, E. Arnold, effects of two antihista-mine-containing compounds upon perform-ance at three altitudes, 211 Higher education, see Colleges and univer-

sities.

Highlights of matching fund marketing service programs, 506 Highway bridges, see Bridges.

Highway engineering, see Roads and highways.

Highway safety, see Safety of life-State programs.

Highways, see Roads and highways,

Page 130

- hospital and medical | House flies, see Flies. Hill-Burton program, Hilt-Button program, how how how program, 1337
 Hilter, Charlotte H., trends of fibril angle variation in white ash, 689
 Hinkle, Melvin E., mineral industry of Massachusetts, 957
 Hirst, Katherine M., infant and perinatal mortality in England and Wales, 1351
 Hirstinea, see Annelids.
 Hispanic Heritage Week, National, see National Hispanic Heritage Week.
 Historic sites, national park system, administrative policies, compliation, 1214
 History, see uames of departments, etc.—also subjects.
 Hobbs, Robert G., mineral industry of series under Hill-Burton profacilities

- mineral industry of
- G., Robert Hobbs.
- Georgia, 952 Georgia, 952 Hoelker, R. F., comparison of class of earth-moon orbits with class of rotating Kepler orbits, 1120
- Hoffman, E. E., Cb-1Zr pumped sodium loop, 999
- companies, laws relating to, com-Holding
- pliation, 349 molition, 349 Holidays, gift list for reader, 1323 Holienbeck, Ronald P., mineral industry of Alabama, 945
- olt, Perry C., genus Pterodrilus, Annelida, Branchiobdellida, 1210 Holt.
- Home economics:
- Home economics:
 home and garden bulletins, 38-41
 homemakers, publications, list, 790
 Home loans, see Loans.
 Homemaking, see Home economics.
 Homeowners, see Homes.

Homes

- oures: amortization tables for home mortgages insured under national housing act, 635 construction, maintenance, community de-velopment, publications, price list, 1329 homeownership for lower income families, 772
- 772
- mortgagees' guide, assistance and interest reduction payments, 770 SBA disaster loans, 1377

- SDA ulsaster 10ans, 1577 veterans, loan guaranty entitlement, in-crease, amend U.S. Code, hearing, 499 Homoptera, general catalogue, 12 Hoppe, John C., rotational and vibrational temperature measurements in 12-inch hypersonic ceramic-heated tunnel, 1110 Horses, 8-stall barn, farm building plan, 47 Horseshoeing, farriery classification defini-tions. 1283

- Horseshoeing, larrier, tions, 1283 Horticulture, historic books and manuscripts concerning horticulture and forestry in collection of National Agricultural 1157 Library, Hospitals:
- - community, Indians and non-Indians, funds for construction, public health laws, compliation, 493 directory of medicare providers of services
 - health insurance for the aged, under 1390

1380 electronics for hospital patient care, 1337 hospital and medical facilities series, fa-chities for mentally retarded, 1338 hospital and medical facilities series un-der Hill-Burton program, 1337 Public Health Service, grants, etc., for construction, 1967 funds, 1347 see also Veterans hospitals. of Springs County Ark water resources

Hot Springs County, Ark., water resources, 756

Sulphur Springs quadrangle, geology, 748

- Hours of labor : retail trade, June 1966-drug stores and proprietary stores, 894 food stores, 893
- House Administration Committee, House, re-ports, 376-382 ports, 376-382 House documents, 356-370

- House files, see Files. House of Representatives : beauty shop, funds for expenses, repay-ment to contingent fund, report, 376 delegation to 11th meeting of Canada-Interparliamentary Group, report, 373 House-passed tax bills pending before Com-

 - Senate, July mittee on Finance, 18.
- 1967, summary, 466 House painting, see Painting. House reports, public bills, 371-383 Household appliances, recent purchases and expected expenditures, report of U.S. households, 246

Household goods, electric housewares, cur-rent industrial reports, 228

- Households
 - by ty 240 type, 1968, population characteristics,
- 240 cars and household durables, recent pur-chases and expected expenditures, 246 Houses, house foundation of treated wood after 30 years' service, 688 Housewares, see Household goods. 246wood

- Housing : code violations, legal remedies, 1318
 - cooperatives, dress), 768 mandate for progress (ad-
 - development lending activities, U.S. par-ticipation, investigation and study, au-thorization, report, 375
 - elderly people
 - community improvement in Wilmerd-ing, Pa. (address), 769 life safety from fire, guide for housing the elderly, 785
 - status of housing (address), 782
 - help, FHA's counseling service, 636
 - and urban development act of housing 1968
 - compilation, with related documents, 393
 - summary (remarks), 767
 - housing conditions in urban poverty areas, 1315
 - living units, minimum property standards, interim revision, 637 mortgage banker, new opportunities (ad-dress), 781 mortgagees' guide, assistance and interest reduction payments, 770

 - National Commission on Urban Problems,
 - hearings, 1312
 - national housing act and other laws, cor-rect obsolete references in laws, law.
 - w town and community development, investigation and study, authorization, report, 375 new

 - public housing (remarks), 764 rental housing for lower income families (sec. 236), 773 social needs in low- and moderate-income housing, report, 1314 tor consistence for housing, its implica-
 - tax assistance for housing, its implica-tion for Federal tax structure and Fed-eral budget (remarks), 1481 urban renewal directory, 1371 puging and Urbar, Depart Depart

 - and Urban Development Depart-Housing ment :

Federal share of cost of demolishing build-ings, savings available, GAO report, 724 HUD guide series, 770–771 HUD handbooks, 772–777

- MP series, 779 TS series, 785
- Howe, Harold, II : remarks—
- remarks-Oct. 26, 1968, 589 Nov. 18, 1968, 582 Howe, John T., some fluid mechanical prob-lems related to subsonic and supersonic aircordt 1041 aircraft, 1041

Do not order from index; see indicated entry

329-557-69-10

Howe, R. M., computer mechanization of reentry equations with 4 degrees of freedom, 1036

Hu, Wellington W., translent solidification outside cooled pipe with application to solar Brayton heat receiver, 1114 HUD, see Housing and Urban Development

Department.

Huebner, Victor R., rapid identification of microorganisms by continuous particle electrophoresis, 102

Human as optimal controller and informa-

Human as optimal controller and infor tion processor, 1004 Human dimensions of atmosphere, 1232 Human engineering, human responses aerospace environment, compendito compendium, 1024 - 26

Human factors, see Man-machine systems. Human factors engineering, see Human engineering

Human Rights Year, International, see In-ternational Human Rights Year, Human Rights Year, President's Commission for Observance, see President's Commission sion for Observance of Human Rights Year

Humboldt County, Calif. : Mad River, flood control, report-

departmental edition, 598

document edition, 360

Hummel, Don :

addresses, etc.— Oct. 10, 1968, 766 Oct. 18, 1968, 763 Oct. 25, 1968, 780 Humus, see Soils.

Hungarians, in Rumania and Transylvania, bibliographical list, print as House docu-ment, report, 381

Hunger:

- hunger and malnutrition, a world problem
- Huron
- hunger and mainutrition, a world product. (address), 26 in America, chronology and selected back-ground materials, 495 uron Islands National Wildlife Refuge, designate certain lands as wilderness, hearing, 479 uron, Lake, currents at Harbor Beach, Mich 202 Huron

Micn., es, tro Hurricanes, tro tropical, Atlantic, climatology,

Hurricanes, tropical, Atlanta, erratum, 616 Hurwitz, Martin G., mathematical determi-nation of geometrical image aberrations in single- and double-mirror systems, 1052 Hushands and wives, wives' report, alrerew attitudes and job satisfaction trends, 100 Hutchison, John E., Brazilian agricultural situation, a look ahead, 571 Hydrates:

development of propane hydrate desalting process, 801 reaction kinetics, 799

Hydraulics :

fast-response electrohydraulic control systems, modular servoamplifier, design and analysis, 1115 model investigations-

Crescent City Harbor, design for opti-mum wave conditions, 606 Monterey Harbor, Calif., wave and surge conditions after proposed expansion,

vigation conditions, Fort reach Arkansas River, 607 obert S. Kerr Lock and Dam, navigation Smith Robert

Arkanand River, navigation conditions, 605 zine, nitrogen tetroxide-hydrazine Hydrazine,

tetroxide-hydrazine performance and combustors, combustors, performance and stability characteristics, 1055 Hydrodynamics, hydrodynamic theory of de-salination by electrodialysis, 802

Hydrogen :

halides.

lides, use in producing dispersion strengthened chromium by ball milling, 1127

Hydrogen-Continued liquid, and freon-114 data in scaled ven-turis, prediction of developed cavitation, 1116 Hydrology

Hydrology : Brookhaven National Laboratory and vi-cinity, Suffolk County, N.Y., 728 hydrologic equipment, 1491 Hydrolysis, nonenzymatic browning in model

Rydrospise, notenzymitte bevening in an systems containing sucrose, 92 Hydrooptics, responses to underwater dis-tortions of visual stimuli, 927

Hygienists, see Dental hygienists. Hypercapnia, chronic, stress response, 919 Hypersonic flow, see Flow.

ICAF. see Industrial College of Armed Forces. ICC, see Interstate Commerce Commission.

Ice buoyancy stabilized hot point drill for gla-

cier studies, 135 river ice jams, literature review, 904

Ice crystals, growth rate, 799 Iceland, lights and fog signals, list change,

Identification :

engineers

- iencification: adaptive simulation using mode identifi-cation, 1009 telemetric automated microbial identifica-tion system (TAMIS) and subsystems, on

Ideology, Soviet, defended, extended train-ing urged, USSR study, 841 Illinois, sesquicentennial of statehood, 1818-

1968, exhibition in Library of Congress, 906

Images, geometrical image aberrations in single- and double-mirror systems, mathe-matical determination, 1052 Immigration and emigration: fn

Immigration and emigration: immigration and nationality act. amend to correct inequilies, hearings, 406 international migration of talent and skills, hearings, 487 publications, price list, 1327 Immunolectronics, see Electronics. Immunology, telemetric automated microbial identification system (TAMIS) and sub-systems, 80 systems, 80

Impact, bioengineering on engineering edu-Impact, bloengineering on engineering cation, conference proceedings, 185 Imperialism, socialist unity against im alist strategy arged, USSR study, 845 An important medical discovery, 77 Imports, see Tariff—also names and cla

imperi-

an import, see Tariff-also names and classes of articles imported. In vivo assessment of solubility of tooth enamel during FBM patrol, 923

definition of earned income for pension plans of self-employed individuals, re-port. 449

homeownership for lower income families,

income or budget costs by family type, revised equivalence scale for estimat-ing, 890

public income-maintenance programs, ef-fect of age and disability on access to,

tax returns statistics, business, 812 Income tax

corporations. speed-up payments, amend-

ments, summary, 432 employee pension, annuity, profit-sharing.

stock bonus plans, etc., 809

Federal income tax information for Armed Forces personnel, 1968 returns, 870 IRS looselenf system, 810

returns statistics, business, 812

information for visitors to United tax States, 813

Page 132

ard refrigerator, 3 Index digests, procurement legal service pamphlets, cumulative index-digest, 172 Indexes

- dexes: armed services papers. 389 biology and medicine, research and devel-opment in progress, 193 opment in progress,
- opment in progress, 193 compiled service records of volunteer sol-diers who served from 1784-1811, mi-crocopy, paniphlet accompanying, 1163 copyright law revision, hearings, 484 Ku Klux Klan, organizations, investiga-tion, hearings, 424 medical and veterinary zoology, 13 National Institutes of Health library translations, 1967 supplement, 1196 production, 1963 census of manufactures, change sheet, 220 surface-water records to Sept. 30, 1967, St. Lawrence River basin, 737 Indexing, indexing procedures for 15 virus diseases of citrus trees, 28 Indian hospitals, funds for community hospi-tals for Indians and non-Indians public health laws, compilation, 493

tals for Indians and non-In health laws, compilation, 493 Indian Ocean:

ecology of Aldabra Atoll, 1380 lights and fog signals, list, change, 1245 Indiana, electric rate book, 643

Indians :

- dians: American, national policy resolution, pro-mote improved conditions, report, 439 Arizona Superintendency, records, micro-copy, pamphlet to accompany, 1167 Fort Philip Kearney (or Fetterman) mas-sacre, investigation, records, microcopy, pamphlet to accompany, 1169 New Mexico, tribes, general, information American,
- Mexico tribes, general information, New
- 789 sanitation facilities, PHS to construct, etc. public health laws, compilation, 493

see also names of reservations or tribes.

Individuality, naval training equipment and individual differences, effects of subject matter variables, study, supplementary re-port, 1256

Indonesia :

- agricultural commodities, agreement, 1451 economic trends and their implications for United States, 815
- newspaper reader, Indonesian language, 1443
- dustrial arts, education, planning and de-signing functional facilities, 584 Industrial arts,
- Industrial College of Armed Forces : correspondence courses, national securi management, information booklet, 556 security
- National Security Seminars, presentation outlines and reading list, 831 Industrial plants, see Plants (industrial).

Industrial safety, see Safety of life.

Industry

- surrent industrial reports, 224–238 industrial development, financing through State and local governments, 565 industry and national defense (remarks), 309
- private procurement of certain products from, by Atomic Energy Commission, GAO
- work force adjustments, their implica-tions for manpower policy, 878
- research and development in industry, 1966, final report, 1233 see also names of industries.
- Infants, mortality in England and Wales, 1351
- flame spread tests Inflammable materials, flame on foam plastic materials, 601

Information, see Public information.

Information Office, Agriculture Dept., list, 790

- Incubators, biological, conversion from stand-ard refrigerator, 3 Index digests, procurement legal service pamphlets, cumulative index-digest, 172

 - medical information, annual reporting infrared rays, mercury cadmium telluride as 1- to 20-micro-meter wavelength in-frared detector for space application, 1121 Ingestion, hot gas recirculation and inges-tion for jet YTOL alteraft, generalized ex-perimental investigation, 1003 Initiators (explosives) : electroexplosive devices, pretesting effects, study, 1022 Injuries, injury experience and worktime in mineral industry minerals yearbook chapter 941
 - Injuries, injury experience and working in mineral industry minerals yearbook chapter, 941 Inman, Rex L., objective detection and cor-rection of errors in radiosonde data, 612 Innis, Robert C., flight tests under IFR with STOL transport aircraft, 1143 Inorganic compounds, grafting of organic polymers onto inorganic substances, 191 Input admittance and reflection coefficient of observer a perture in ground plane covered

 - circular aperture in ground plane covered by homogeneous dielectric or plasma slab, 1008
 - Input-output analysis, see Linear program-
 - ming. Insect traps, automatic device for dividing and packaging light trap insect catches according to time intervals, 5 Insect vectors, see Vectors (biological).

 - Insects
 - automatic device for dividing and pack-aging light trap insect catches accord-ing to time intervals, 5
 - forest, outbreaks in Oregon and Washing-ton, 671

 - Inspection (industriat), cles, etc., inspected. Inspectors, poultry, handbook, 511 Installations (military): stallians employed, improve management class employed, improve management class employed, improve management civilians employed, improve management of detailing, GAO report, 714 naval shore facilities, definitive designs,
 - 1236

- 1236 Installment credit, consumer credit industry, hearings, 482-483 Instrument flying: effects of reduced airspeed for landing approach of large jet transport equipped with powered lift, 1059 flight tests under IFR with STOL trans-port aircraft, 1143 Instrument landing, see Landing (aircraft). Instrumentation:
- Instrumentation :
 - TAMIS, sy mants, 80 system and subsystem compo-
- techniques of water-resources investiga-tions, 753 Instruments :
 - combination and miscellaneous, t plant equipment handbook, 527 industrial
- fire control instruments, lubrication, mill-tary standard, 551 see also names and types of instruments. Insulation, thermal, from wood for buildings, effects of moisture and its control, 684
- Mortgage Insurance--also
- Insurance, see Mortgage insurance, types of insurance. Insured banks, see Banks and banking.
- Integrals, resonance, of rhenium for wide range of sample sizes, 1142

Integration, see Race problems.

- Integration (mathematics) : analysis of numerical integration tech-niques for realtime digital flight simulation, 1117
- 100, 111 Intellectuals, intellectual ferment and dis-sent in Soviet Union, aspects, print as Senate document, report, 447 Intelligence and Research Bureau, State Dept., research in action, 1437 Intellectuals,
- Interagency Committee on Manpower Re-search, manpower research, inventory,

Do not order from index; see indicated entry

Interconnection systems, see Electric power plants. Interest (psychology): psychological dynamics of inner-city prob-lems, seminar, 884 Interest and usury: compound interest (remarks), 651 insured banks, paid on savings, maximum interest rates, regulation, law, 341 interest rates, insured mortgages, correct obsolete references in laws, law, 342 Interest equalization tax act: extend extend— summary, 464 Treasury Department recommendations, summary, 465 Interest rates, see Interest and usury. Intergovernmental Relations, Advisory Com-mission on, see Advisory Commission on Intergovernmental Relations. Interior Department: encodument process State of Gold Advisory appointment papers, State of Calif., n copy, pamphlet to accompany, 1166 decisions, bound volume, 794 saline water research and develop nicro development progress reports, 796-806 telephone directory, 807 Interior and Insular Affairs Committee. House accomplishments, 90th Congress, 403 committee print, 403 report, 372 Interior and Insular Affairs Committee, Senate: senate: committee print, 418 hearings, 477, 479-481 reports, 439, 442 Intermediate credit banks, see Federal inter-mediate credit banks. Internal revenue : code of 1954 amend, report. 453 cross references, 431 internal revenue hu revenue bulletin, semiannual. cumulative, 808 see also names of certain taxes, e.g. Excise taxes Internal Revenue Service, looseleaf regula-tions system, income tax, 810 Internal Revenue Taxation Joint Committee : cross-references within IRC, 431 summary of Senate amendments to H.R. 15414, Tax adjustment act of 1968. 432 Internal review guide, Army pamphlet, 142 International Aeronautical Exposition in United States, Federal sponsorship, au-thorize, report, 390 International agreements, treaties and other international agreements, 1456 International boundary studies, 1444-45 International code signals, international code signals, international signs and emblems, military distinctive standard, 550 International Health. Education and Labor Council, establish, hearings, 495A International Health, Education, and Labor Foundation, establish, hearings, 495A International Human Rights Year: International Human Rights Year: 1968 Interim report, 1321 proclamation, 1442 13-cent commemorative aerogramme (poster), 1304 International Monetary Fund: agreement, changes, to create new inter-national reserve, Special Drawing Rights, message from the President, 357 next steps in international monetary re-form— hearing, 345 Iron : hearing, 345 report, 346 Special Drawing Rights (remarks), 1479 International organizations, United States contributions, 364

aited States and Eastern Europe, Air Force Academy Assembly, final report, 65

60 world of nuclear powers? Air Force Acad-emy Assembly, final report, 64 International Whaling Commission, conven-tion, amendment to schedules, 1454

- terparliamentary Group, Canada-United States, see Canada-United States Inter-Interparliamentary
- parliamentary Group. Interstate and Foreign Commerce Commit-tee, House, hearing, 404

Interstate commerce act see Carriers-

Interstate commerce act, see Carriers-Motor carriers-Rallroads. Interstate Commerce Commission : decisions (bound reports), 827 judical review of ICC orders, hearing, 404 rules and regulations governing filing of surety bonds, etc., by motor carriers and brokers 200 brokers, 829 rules of practice, 828

Intracoastal Waterway : Gulf, St. Marks to Tampa Bay, Fla., engineers report-

departmental edition, 595 document edition, 366 Inventions, advancing material of indeter-minate-length, classification definitions, 1289

Inventories :

Instituctures' shipments, and orders, 1961-68, 248 National Archives preliminary inventories series, 1171-72 Investment companies, act of 1940, regula-tions S-X, 1375 manufactures'

Investments :

Investments: foreign direct investment program (ad-dress), 308
private, in inner city, hearings, 460
smail business investment act with amend-ments, compilation, 354
Inyo National Forest, Calif., proposed recre-ation development at Trail Peak, 673
Iodine, Iodine, 125, use for determining plas-ma volume, blood volume and red cell mass, 30 mass, 90

Iodine isotopes : iodine-125, measuring iron metabolism in hematopoietic centers, 104 simultaneous determination of ⁵⁹Fe. ⁵¹Cr.

and ¹²⁵I, using gamma spectrometer, 89 Ionizing radiation, effects of rate of delivery on LD 50/30 of rodents, 91 Irani, Meherwan C., mineral industry of

Rhode Island, 966

Ireland, immigrants, make additional visas available to, hearings, 406

and steel minerals yearbook chapter, 942 metabolism, measuring in hematopoletic centers using iron-59 in presence of

chromium-51 and iodine-125, 104 Iron isotopes :

measuring iron metabolism in iron-59, hematopoietic centers, 104

simultaneous determination of 59Fe, 51Cr and ¹²⁰I, using gamma spectrometer, 89 Iron oxides, films generated in dilute lithium

hydroxide solution at 300°c, growth characteristics, 1261

Page 134

IRS, see Internal Revenue Service. Isle Royale National Park, general information, 1224 Islets of Langerhans, see Pancreas.

Isotopes:

- Belorussia, conference, 859
 - netorussia, conterence, 639 radioisotopes simultaneous determination of ¹⁰⁰Fe, and ¹¹Cr, and ¹²⁵I, using gamma spectrometer, 89 see also names of isotopes, e.g. Iron
 - isotopes
- Isotopes. Iteration (mathematics): iterated commutators and functions of operations, 1083 Izett, Gien A., geology of Hot Sulphur Springs quadrangle, Grand County, Colo., 740 748

J

- Jackson, Carolyn A., revised equivalence scale for estimating equivalent incomes or budget costs by family type, 890 Janitors, job grading standard, civil service,

- 285 Janz, G. J., molten salts, electrical conduct-ance, density, and viscosity data, 1176 Japan, cotton textiles, trade, agreement, 1453 Jellison, Jane, sliding friction of copper al-loys in vacuum, 1065 Jenkins, Robert, farmers' expenditures in 1964, for custom pesticide service, 567
- Jet aircraft, see Aircraft. Jets, path of jet directed at large angles to subsonic free stream, 1132 Jimisphere balloons, see Balloons. Jets.

- Job analysis, job grading system for trades and labor occupations, Federal personnel manual, supplements, 280-281 manual, supplements,
- Job Corps, centers, list, 562
- Job description, see Job analysis.
- Job satisfaction, aircrew attitudes and job satisfaction trends, wives' report, 100
- Employment -- Occupations Jobs. 866 Training.
- Joe Poole Postal Station, designation, cere-
- mony (remarks), 1307 Johnson, Lyndon B., see President of United States.
- Johnson, Robert C., mineral industry of South Carolina, 967 Johnson, Wilfrid E., remarks, Nov. 22, 1968,
- Joint Publications Research Service, JPRS series, 833-869
- series, 555-509 Jones, Charles L., evaporite geology of Fifth ore zone, Carlsbad district, southeastern New Mexico, 730 Jones, Robert S., gold in meteorites and in earth's crust, 741
- JPRS series, 833-869

Journal bearings, see Bearings (machinery). Judges

- Federal, temporary assignments, operation of procedures, hearings, 492 judicial reform act, hearings, 492 Judicial courts, see Courts of United States. Judicial Disabilities and Tenure Commission,
- establish, hearings, 488 Judicial reform act, hearings, 488 Judicial review, ICC orders, hearing, 404
- Judiciary Committee, House, hearings, 405-406

- Judiciary Committee, Senate : hearings, 482-492 reports, 450, 452 Julian, Glenn M., excited str 136 and barlum 134, 1139 excited states of barium
- Jupiter (planet) :
- Asteroid/Jupiter missions, space flight in-vestigations, opportunities for participa-1150
- Jurisdiction, see Criminal jurisdiction.

stice, criminal, national program of re-search, development, test, and evaluation, Justice, 875 Juveniles, see Youth.

к

- Kampe, Ronald E., Republic of South Africa's agricultural trade, projections to 1970 and 1975, 572
- Kamper, R. A., superconduction thin films, 1014 Kansas:

- Kansas: basins project, interim report, 1365 electric rate book, 644 mineral industry, minerals yearbook chap-ter, 954 water for future use, bibliography and in-ventory of available data, 1365 Karel, Marcus, nonenzymatic browning in model systems containing sucrose, 92 Kattegat, sailing directions, change, 1241 Katz, Jacob E., address, Oct. 21, 1968, 213 Katzman, Robert, studies of micellar forma-tion by naturally occurring lipids and properties of reconstituted lipid mem-branes 796 properties of reconstituted branes, 796
- Kavanagh, James K., communicating by language, reading process, proceedings of conference on communication by language,
- 1188
 Kelly, D. H., research study of fundus tracker for experiments in stabilized vision, 997
 Kelly, M. G., study of pretesting effects on electroexplosive devices, 1022
 Kendall, Nicholas A., mineral industry of Mississippi, 959
- Kenya, capsule facts for Armed Forces, 129 Kepler's laws, see Orbits. Kerosene stoves, see Stoves. Key to meteorological records documentation,
- 617
- er. Porter M., echinoids from Middle Eocene Lake City Formation of Georgia, Kler, 1383

Kiln-drying, see Kilns. Kiln-drying, see Kiln-dried southern pine di-mension lumber, properties, 687 Kincaid, John F., address, Dec. 2, 1968, 310

- Kinetics :
- Minetuces: high-power, of two-dimensional circulating-liquid-metal-fuel reactor, 1073 hydrate reaction, 799 King, E. E., superconducting lead pressure contacts, 1263 Kingsley, Neal P., timber resources of Ver-mont 700
- Kingsley, Neal P., mont, 700 Kinney, Jo Ann S.: adaptation to

- homochromatic visual
- world, 918 responses to underwater distortions of vis-ual stimul, 927
- war stimul, 527
 Krby, James G., crude petroleum and petro-leum products, 936
 Knoll, Richard H., shadow shields for ther-mal protection of cryogenic tanks in space, experimental studies, 1106

Koch, Peter, wood machining abstracts, 609 Koczela, L. J., study of spaceborne multi-processing, technical description, 1005

- Kolar, Michael J., high-power kinetics of two circulating-liquid-metal-fuel dimensional reactor, 1073
- Kortes unit, see Missouri River Basin project. Koschmann, A. H., principal gold-producing districts of United States, 751

Krape, Richard P., applications study of electroadhesive devices, 1028

- Krickich, Joseph, mineral industry of New Jersey, 960
- rueger, Kenneth W., investigations of shingle tow packing material for conifer seedlings, 692 Krueger, Ken shingle tow
- Ku Klux Klan, organizations, investigation, hearings, index. 424

L series, 263

Labels :

catalog of copyright entries, 518 trade and tariff information, summaries, 1461 Labor

L

adequacy of services for older workers, hearings, 455

international health, education, and labor programs, hearings, 495A international migration

of talent and skills, hearings, 487 labor force, work force adjustments in pri-

labor force, work force adjustments in private industry, their implications for manpower policy, 878
laborer, job grading standard, civilian service, 236
man-hour output, indexes, radio and television receiving sets industry, 889
middle-aged and older workers full employment act of 1968, bill text and section-by-section analysis, 497
monthly inbor review, reprint, 898
workers, handicapped, in sheltered workshops, special minimum wages, 1489
see also Employment.—Farm labor—Manpower—Occupations.

power-Occupations, Labor and Public Welfare Committee, Sen-ate:

cominittee prints, 493-495, 497 hearings, 495A, 498-499 history, print as Senate document, report, 44

Labor Department, on-the-job training pro-grams, improvements in contracting contracting

grams, improvements in contracting needed, GAO report, 710 Labor-Management Services Administration, railroad shopcraft factfinding study, 881 Labor standards :

Labor standards: fair labor standards act amendments of 1966, legislative history, 496 women, task force report, 792 Labor Standards Bureau, bulletins, 885-886 Labor Statistics Bureau: BLS report series, 889 bulletins, 890-897 North central regional reports, 599 regional reports, 901 Labor Statistics, North American Confer-ence on see North American Conference

Labor Statistics, North American Confer-ence on, see North American Conference on Labor Statistics.

Labor unions

welfare and pension plan act of 1968, re-port, 371 welfare and pension plans disclosure act, amend, report, 371 Laboratories :

Laboratories: Federal, utilization, report, 422 health research laboratory design, 1193 regional educational, progress report, 586 see also Research laboratories.—Testing laboratories.—also names of laboratories. Laboratory methods in anaerobic bacteri-ology, NCDC laboratory manual, 1338 Laborers, see Lahor. Lace, trade and tariff information, sum-maries, 1461

marles, 1461

Lactates, responses, blochemical cycle func-tions in saturation-excursion diving, 92

Lactic dehydrogenase, see Dehydrogenase

Lagrange equations of motion, see Equations of motion. Lake City formation, Middle Eocene, echi-

nolds from, 1383 Lake

the currents, currents at Harbor Beach, Mich., 903

Lake George area, Colo., beryllium, tin and tungsten, distribution, 738 Lake Meade National Recreation Area, gen-eral information, 1226

Lake Survey research reports, 903-904 Lakes, see names of lakes

Laminated materials, fabricated with reinforcement materials, 182

Land :

asing rather than purchasing land and buildings by Defense Dept. contractors increases costs to Government, GAO releasing

Increases costs to Government, GAO re-port, 711 open space, its use and preservation, 50 radiation field in air due to distributed gamma-ray sources in ground, 186 research studies, trends in value of real estate and land, 1956-66, land use in 106 large citles, and estimating Califor-nia land values, etc., 1317 Rio Sao Francisco Basin, Brazil, recon-nalssance appraisal, 1366 toward an urban land policy (remarks), 783

use in United States with special refer-ence to agriculture, summary, 568 utilization, 1963-68, non-urban patterns,

utilization, 1963-68, non-urban patterns, bibliographies, 1158 see also Public lands. Land policy, see Land. Land vehicles, see Vehicles. Lander County, Nev., gold, silver and other metals, anomalous concentrations, 743 Landing (alreraft): approach and landing, flight tests of direct lift control system, 1080 effects of reduced airspeed for landing ap-proach on flying qualities of large jet transport equipped with powered lift, 1059

1059 influence of angle of glide slope on accu-racy of performing instrument ap-proaches in simulator, 1071 VTOL aircraft, comparison of information display concepts, 1086 Language and languages, communicating by language, reading process, conference proceedings, 1188

language, reading process, conference proceedings, 1188 see also names of languages. Lansing, Robert, Secretary of State, per-sonal and confidential letters to President Wilson, pamphlet to accompany micro-copy, 1170 Lasers, CO₂ laser development for space ap-plications, survey, 1057 Latin America, U.S. economic assistance, obligations and loan authorizations, 822 Lattu, Onnie P., address, Oct. 28, 1968, 793 Launch vehicles, see Spacecraft.

Launch vehicles, see Spacecraft. Launch vehicles, see Spacecraft. Laurence, James C., high-field electromag-nets at NASA Lewis Research Center, 1125 Law

biological, legal aspects of medical sci-ence, USSR articles, 840 family law and policy, task force report,

791

legal remedies for housing code violations,

procurement legal service. Army pamphlet, cumulative index-digest, table of mate-rials digested, 172 enforcement :

Law

Law enforcement:
 LEAA grants and contracts, dissemination documents, 871-873
 LEAA publications, list, 874
 national program of research, develop-ment, test, and evaluation, 875
 Law Enforcement Assistance Administra-tion, LEAA publications, list, 874
 Law Enforcement Assistance Office, LEAA grants and contracts, dissemination docu-

grants and contracts, dissemination docu-ments, 871-873

Lawns, weed control with herbicides, 40

Lawns, weed control with nerbicides, 40 Lawrence, Thomas R., survey of CO₂ laser development of space applications, 1057 Laws, see Law—also subjects. Lawyers, fees for services in proceedings before administrative agencies, restore to persons having claims against U.S., right to choose their own legal counsel, hear-ing 405 ing, 405 LEAA, #6

#ee Law Enforcement Assistance Administration.

Page 136

- (Law enforcement assistance act), | Lift (aircraft) : LEAA see Law enforcement.
- superconducting lead pressure con-
- Lead oxides, anodic oxidation of 3 repre-sentative oxides, 1269 Leadership:

- sentative ordes, 1205
 Leadership:
 aerospace leadership, careers for officers, Air Force, guide, 67
 Navy, manual, 1250
 Leadiets, see names of departments, etc., Issuing leaflets—also subjects.
 Leak, William B., birch regeneration, stochastic model, 678
 Learning, training equipment and individual differences, effects of subject matter vari-ables, study, supplementary report, 1256
 Leases, leasing rather than purchasing land and buildings by Defense Dept. con-tractors increases costs to Government, GAO report, 711
 Lebanon, establishing business, 312
- GAO report, 711 Lebanon, establishing business, 312 Lectures, see Addresses, lectures, etc. Legal remedies for housing code violations, 1318

- 1318 Legal services, see Law. Legislation, see Law—also subjects. Lehmer, Donald J., Arikara archeology, Bad River phase, 1381 Lending operations, see Loans. Lepidoptera, see Moths.

- Lernaea cyprinacea, see Anchor worm. Lesser Antilles, see Antilles.
- Lethal dose, effects of rate of delivery of ionizing radiation, on LD 50/30 of ionizing r rodents, 91

Letters

- application and recommendation during administration of Martin Van Buren, William Henry Harrison, and John Tyler, pamphle to accompany micro-copy, 1162
- copy, 1102 personal and confidential, from Secretary of State Lansing to President Wilson, pamphlet to accompany microcopy, 1170 Leverton, John W., helicopter noise, blade slape, review and theoretical study, 1030 Logingher W.S. nonlinear lift and pressure

- stape, review and theoretical study, 1030
 Levinsky, E. S., nonlinear lift and pressure distribution of slender conical bodies with strakes at low speed, 1021
 Levy, A. J., annular lithium-drifted germa-nium detector for studying nuclear reac-tion gamma-rays, 1001
 Lewis, Charles A.: addresse=_____

addresses-

- addresses— Oct. 9, 1968, 215 Nov. 26, 1968, 214 Lewis, Wayne C., thermal insulation from wood for buildings, effects of moisture and
- wood for buildings, effects of moisture and its control, 684 Lewis and Clarke Range, Mont., southeast ern, reconnaissance geology, geophysics, and geochemistry, 731 Lewis Research Center, NASA, high-field electromagnets, 1125
- Liberty acts, see Bonds of United loan States.
- Librarians, examination announcement, Vet-erans Administration installations, 287 Libraries, new serial titles, union list, 3d edition, 1966-67 cumulation, 909 see also names of libraries or places
- where located.
- Library list, National Agricultural Library, 1157-58

Library of Congress:

catalogs, music and phonorecords, 907 exhibitions, Illinois sesquicentennial of statehood, 906

Life insurance: credit industry, hearings, 482-483 servicemen's group life insurance program, annual report, 1484

- direct lift control system during approach and landing, flight tests, 1080 effects of flexibility on lift and pitching-moment characteristics of series of low-
- aspect-ratio wing-body combinations at
- transpectratio wing-body combinations at transport equipped with powered lift, effects of reduced airspeed for land-ing approach on flying qualities, 1059
- ing approach on flying qualities, 1059 nonlinear lift and pressure distribution of slender conical bodies with strakes at low speeds, 1021 parasol-wing-body combination utilizing favorable lift interference at Mach num-bers from 3.00 to 4.63, aerodynamic characteristics, 1081 Light, brightness of flashing beacon, dis-crimination of increases, 1029 Light traps, see Insect traps. Lights and lighting : electric lighting flatures, current indus-trial reports, 229

- - ghts and ngnung: electric lighting fixtures, current indus-trial reports, 229 Naval Oceanographic Office, lists— Norway, Iceland, and Arctic Ocean, 1246 Western Pacific and Indian Oceans, etc., 1245
 - relation of signal light intensity to physiologic end point during +G_s accelera-tion, 88
- trip lights and reflectors, comparison, 980 Lignite, see Coal.

- Lignite, see Coal. Lime, minerals yearbook chapter, 943 Lina, Lindsay J., influence of angle of glide slope on accuracy of performing instru-ment approaches in simulator, 1071 Linares de Sapir, Alga, cultural chronology of Guif of Chiriqui, Panama, 1382 Lincoln, R. S., discrimination of increases in brightness of flashing beacon, 1029 Lincoln County, N. Mex., geology of Mock-ingbird Gap quadrangle, 749 Lindsay, Ian R., acute somatic effects in primates to 400 MeV, 82 Lindsey, Jefferson F., III, lunar surface transmission loss for Apollo astronaut, 1129 1129

Linear equations, see Equations.

- Linear programming, mode identification by adaptive simulation, 1009
- Linear systems, using transition m transient vibration analysis, 1035 matrices.

Linters, see Cotton.

- pids, micellar formation by naturally oc-curring lipids, and properties of recon-stituted lipid membranes, studies, 796
- Liquid-vapor interface co toroidal tanks during configurations in weightlessness,
- errata, 1063 Liquidation, 12-month, nonrecog gain or loss on sales, report, 453 nonrecognition of
- Liquors, alcoholic beverages, removal of re-strictions under title 1 of Public Law 480, 387

JS14
 Lishka, Raymond J., water surfactant, report of study, 1333
 List, Robert J., preliminary meteorological data summary, route 17, 613
 Lists, see subjects of lists.

- Lithium :
 - annular lithium-drifted germanium de-tector for studying nuclear reaction gamma-rays, 1001 lithium-drifted silicon semiconductor de-
 - tectors irradiated, resolution changes, 1118

1118 Lithium hydroxide, dflute, solution at 300° C. growth characteristics of iron oxide films generated in, 1261 Litigations, see Actions at law. Little, Vija Z., effects of acceleration on human performance and physiology, with special reference to transverse G, 81 Livestock, farmers' pesticide expenditures, 560

- 566

Load (mechanics) :

- effect on low temperature fracture be-havior of notched and welded plates, 1376
- Rayleigh step journal bearing, incompres-sibly lubricated, infinite-length solusibly lubricated, tion, 1096 Loaders (mechanical):

- scoop-type, types and capacities, military standard, 542 Loading, see Unlading and lading. Loading ramps, see Ramps.
- Loans :
 - air carriers, Government guaranty, amend
 - arc hearing, 404 amortization tables for home mortgages Insured under national housing act, 635 development lending activities, U.S. par-ticipation, investigation and study, au-

 - ticipation, investigation and study, au-thorization, report, 375 disaster, to restore or replace businesses and homes through SBA, 1377 Federal reserve rulings regarding loan pro-duction offices and purchases of operat-ing subsidiaries, hearings, 394 FHA title 1 property improvement loans, prepaid or refinanced uncarned charge, tables of factors for use in determining, 638 638
 - public works and economic development act of 1965, administration of sec. 702, act of 1965, administration of sec. 702, hearings, 416 udents, health professions program, guide to repayment, deferment, cancel-
 - students, guide to
- guide to repayment, deferment, cancel-lation, 1201 veterans home, guaranty entitlement, in-crease, amend U.S. Code, hearing, 499 veterans home loan program, correct ob-solete references in laws, amend United States Code, law, 342 see also Revolving funds. Lochridge, Gordon K., endocrine-metabolic responses to parachuting, 103 Locks (hydraulic engineering): Robert S. Kerr Lock and Dam, Arkansas River, hydraulic model investigation.

- model investigation, River, hydraulic 605
- Lodgepole needle miner, infestations east of Sierta creat, 681 Lodgepole pine, see Pine. Logan, William B., training retail salespeo-

- Logan, William B., training retail salespeo-ple, 1378 Logsing, see Lumbering. Logsitics, see Military art and science. Logsdon, Donald F., determining plasma volume, blood volume, and red cell mass with iodine-125, 90 Longitudinal stability, see Stability of air-craft
- craft.
- Longtime performance of trussed rafters, initial evaluation, 685 Looking back, and ahead, 779

Loops : Cb-1Zr pumped sodium loop, 999 closed-loop tracking tasks, human closed-loop tracking ta sponse, synthesis, 1074 re-

Looting, see Pillage.

Los Angeles, Calif

Watts riot, civil and criminal disorders, investigation, hearings, 425 Loudness, see Sound. Low-rent housing, see Housing.

Lubricants :

- neopentyl polyol ester, wear and friction studies, 1267
- preservative-lubricant for small arms, 1265 sales of lubricating and industrial oils and greases, 1967, current industrial reports. 236
- synthetic paraffinic base lubricants, fatigue life of 120-MM bore ball bearings at 600° F with, 1079
- thin-film solid, pressure effects on friction coefficients of, 1266

Lubricating oils, see Lubricants.

- Lubrication, fire control instruments, mill-tary standard, 551 Luidens, Roger W., estimate of supersonic flow field about axisymmetric body with N

wave pressure trace, 1141 Lull, Howard W., forest atlas of Northeast. 669 Lumber

- exports, 216, 217 imports, 218
- production and mill stocks, current indus-trial reports, 232 southern pine dimension lumber, no. 2 dense klin-dried, properties, 687
- Lumbering, single-span skylines, planning,
- Lunar surface, see Lunar topography. Lunar topography, lunar surface transmis-sion loss for Apollo astronaut, 1129 Luxembourg, capsule facts for Armed Forces,
- 121 121
 Lyons, Clarence F., personal and confidential letters from Secretary of State Lansing to President Wilson, pamphlet, 1170
 Lyophilization, nonenzymatic browning in model systems containing sucrose, 92

M

- MA SP Series, 915-916
- Maahs, Howard G., crystallographic data on selected artificial graphites with com-ments on role of degree of crystal develop-
- ment in oxidation, 1107 Macao, capsule facts for Armed Forces, 123 McCarthy B-4 and B-5 quadrangles, Alaska, distribution of gold, copper and some other

metals, 742 McGuire, Marie C. :

addresses-

- Oct. 21, 1968, 769 Oct. 31, 1968, 782
- Machine shops, railroad shopcraft factfinding
- study, 881 Machining, wood machining abstracts, 699 McIntyre, George T., mineral industry of McIntyre, Geo Kansas, 954
- Manuas, 954 McIver, Robert G., treatment of decompres-sion sickness in simulated space flight, S5 MacKevett, E. M., jr., distribution of gold, copper and some other metals in McCarthy B-4 and B-5 quadrangles, Alaska, 742 McLain, L. J., flow-field investigations on
- B-3 ille B-3 three states in the set of th
- mensured nanotify-quarters and subsonic jet transports, 1068 Mad River and Valley : flood control, engineers report-departmental edition, 598

- document edition, 360
- Magnesium, magnesite deposits in northern Okanogan County, Wash., geology, pre-Okanogan County. liminary report, 735 see also Anodes.

Magnetic cooling, see Cooling.

- Magnetic memory, MPM-7 thin film matrix, USSR study, 847
- Magnetism, magnetic ordering in copper-rich Cu-Ni-Fe alloys, Mössbauer, effect study, errata, 1180 effect

Magnetohyodrodynamic generators : ionospheric MHD generator, USSR study, 858

Lewis facility, design and preliminary op-eration, 1090

- Mail matter :
 - mailing articles at 4th class or library rates, delay or waiver of conditions, report, 383
 - military assistance program address di-rectory, 553-554
 - sizes, standardize, hearings, 411

Page 138

Maine

conifers, specific gravity, survey, 686 mineral industry, minerals yearbook chapter, 955

Mainland, Donald, notes no biometry in med-ical research, 1488 Maintenance

commercial vehicles, cost reductions by improving management of, GAO report, 704

102 current meters, vertical-axis type, 753 facilities, design manual, change, 1237 vehicle maintenance at non-personnel of-fices, facilities handbook, 1306 Maisel, Sherman J., remarks, Nov. 17, 1968, according to the statement of the state

651

Malacca Strait, sailing directions, change, 1242

Malawi, capsule facts for Armed Forces, 117 Malde, Harold E., catastrophic late Pleis-tocene Bonneville flood in Snake River Plain, Idaho, 750

Malnutrition, and hunger in anteres, chronology and selected background materials, 495

Mammals Red Rock Lakes National Wildlife Refuge, list, 1419 Squaw Creek National Wildlife Refuge,

list, 1420

Man-hours, see Labor. Man-machine, human as optimal controller and information processor, 1004 Management, see Administrative manage-ment—Forest management.

Manjikian, S., development of reverse osmosis desalination membranes, 804 Mannion, J. J., soil sealing chemicals and techniques, 805

Mannitol, citrate mannitol agar medium for separating Escherichia coli paracolons from Shigella, 83

Manpower:

and operations research studies of U.S. Employment Service and State employ-ment services 1958-67, bibliography,

of 1962

2033 automation research monograph, 878 Canada, policy and programs, 879 development and training act of 190 good training, good jobs, MDTA-occupational therapy assistant gram, 579 assistant pro

upgrading practical nurses, 580 improvements needed in contracting for on-the-job training under, GAO re-port, 710

education, employment, and Negro equal-ity, seminar, 883

equality of opportunity in programs, re-port of activity under title 6 of Civil rights act of 1964, 877

health, 1965-67, United States, 1355

information, counselor's guide, annotated bibliography, 895 international migration of talent and skills, hearings, 487 counselor's guide, annotated

policy and program, seminar-economic issues for the future, 882 psychological dynamics of inner-city problems, 884

policy, work force adjustments in private industry, their implications, 878

ojections for N bibliography, 899 North Central region, projections

research bulletin, 879

research, inventory, 581

research projects, 880

tilled and professional, migration, hearings, 487 skilled international

Mansfield, Mike, Vietnam and Paris negotia-tions, reports, 469-470

Manuals, see names of departments, etc., issuing manuals—also subjects.

Manufactures and manufacturers :

Manufactures and manufacturers: census 1963, indexes of production, change sheet, 220
census 1967, geographic area coding man-ual, cross reference section, 221
manufacturers' shipments, inventories, and orders, 1961-68, 248
Manuscripts, historic, concerning horticul-ture and forestry in collection of Na-tional Agricultural Library, 1157
Manuvel, Allen D., housing conditions in urban poverty areas, 1315
MAP (military assistance program), see

800 assistance program), MAP (military

Military aid. Maps and charts : catalog of copyright entries, 517 Coast and Geodetic Survey, aeronautical charts, catalog, 294

charts, tatatog, see also subjects. Margason, Richard J.: nerodynamic characteristics of twin-pro-nerodynamic characteristics are stroll airaerodynamic characteristics of twin-pro-peller deflected-slipstream STOL air-plane model with boundary-layer con-trol on inverted V-tail, 1082 path of jet directed at large angles to sub-sonic free stream, 1132 Marine Corps, 76 hours, Tarawa, 913 Maritime Administration: SP series, 915-916 vessels, activated for use in mod to im

b) series, 513-510
 b) ressels activated for use in, need to improve procurement procedures for out-fitting, GAO report, 716
 Maritime industry, see Merchant marine—

Shipping.

Marketing, see Markets and marketing.

Markets and marketing :

acreage marketing guides, 503 agricultural marketing agreement act, amend-

hearings, 388 report, 374

change and challenge marketing 1975, (address), 213

marketing research reports, 43-44

arketing service programs, fund, highlights, 506 matching marketing

see also names or classes of commodities, etc., marketed.

Mars (planet) :

Mars (pinnet): atmosphere, 1967, models, 1044 Marshall White Community Center, Ogden, Utah, dedication (address), 763 Marshals, appointment by the President,

Marshals, appointment by etc., transform into career civil service status, report, 445 Martin, Charles E., path to integration, 583

Maryland : mineral industry, minerals yearbook chap-ter, 956

Pennsylvania-New Jersey-Maryland interconnection, power interruption, report, 649

Mash, Julia, manpower and operations research studies of U.S. Employment Service and State employment services 1958-67, bibliography, 593
 Massachusetts, mineral industry, minerals matching about 0.57

vearbook chapter, 957

Master plan report, Washington National Airport, 627

Materials :

material of Indeterminateadvancing length, classification definitions, 1289

control under Apollo program, procedures and practices, GAO review, 722

structural, members in vacuum, thermal analysis, 1099 see also names of materials.

Materials handling :

advancing material of indeterminate length, classification definitions, 1289 standard time data, manual, change, 53 indeterminate-539

why not be mathemati-Mathematicians, why not be a cian? careers for women, 1494

Do not order from index; see indicated entry

Mathematics :

- anthematics: nathematical determination of geometri-cal image aberrations in single and double-mirror systems, 1052 secondary refrigerant freezing process, study, 798
- study, 798 tables of factors for use in determining unearned charge on FHA title 1 property improvement loans, prepaid or re-

- erty improvement loans, prepaid or re-financed, 638 Matrices (mathematics): capital flow matrix, 896 transition matrices, transient vibration analysis of linear systems, 1035 Matter, electron interaction, 1017 Mayo, Alton P., analytic approximations for application to spacecraft optical naviga-tion on short data arcs, 1088 MDTA (Manpower development and train-ing act), see Manpower. Measurements: reliability measurement program, guide

- Measurements: reliability measurement program, guide manual, 1271 statistical exposition, 1272 see also subject of measurement. Measuring instruments, density-gradient col-umn as tool for measuring sea water den-sire 1988 sity, 1268
- Meat :
 - freezing in home, 39
- freezing in home, 39 processing plants, chemical compounds au-thorized for use under USDA inspection programs, lists, 508 Mechanical properties and column behavior of thin-wall beryllium tubing, 1069 Mechanics (science): fluid mechanical problems on subsonic and superscale sproradit report 1041

- supersonic aircraft, report, 1041 Medals
- commemorative, 150th anniversary of founding of Memphis, Tenn., report 448 Issuance, laws, compilation, 347 edenica, Walter V., blast shields testing,
- Medenica,
- Medical care :
 - directory of providers of services under health insurance for the aged— extended care facilities. 1389 home health agencies, 1389A

 - hospitals, 1390
- hospitals, 1390 independent laboratories, 1391 treatment of mass civilian casualties in national emergency, 1350 your social security, 1402 Medical Department, Army, medical supply in World War II, 184 Medical Department, Navy, manual, change,
- 917 Medical education, see Medicine Medical facilities, see Hospitals—Veterans
- hospitals
- hospitals. Medical laboratories, independent. directory of medicare suppliers of services under health insurance for the aged, 1391 Medical literature analysis and retrieval system, MEDLARS services, guide, 1202 Medical readology, see Radiology. Medical research, see Medicine. Medical schools, DHEW obligations, 1189 Medical supplies, World War II, 184 Medical treatment, see Medical care.

- Medical reatment, see Medical care. Medical zoology, see Zoology. Medicare, see Medical care.

Medicine

- aeromedical reviews, 80-81
- bibliography, 860 borderline medical problems and fitness for flying, 86 aviation medical report AM series, 209-
- biological, legal aspects of medical sci-ence, USSR articles, 840 notes
- of biometry in medical research, 1488
- research and development in progress, 193

Medicine-Continued

- resources for medical research, report, 1199 School of
- hool of Aerospace Medicine, technical reports, 82105 VA programs for sharing medical facili-
- ties and exchange of medical informa-tion, annual reports, 427 MEDLARS, see Medical literature analysis
- And retrieval systems. Melons, spring, acreage marketing guide, 503 Melting, cold-mold arc melting and casting, 929
- Membranes :

nicellar formation by naturally occurring lipids and properties of reconstituted lipid membranes, studies, 796

- reverse osmosis desalination, development, 804

- Memorial services, Scudder, Hubert B., print as House document, report, 382 Memory devices, see Magnetic memory. Memphis, Tenn., 150th anniversary of founding, commemorative medals, report,
- Mental institutions. community mental health centers construction, laws, com-493 pilation,
- Mental retardation, facilities, construction,
- laws, compilation, 493 Mentally retarded : community facilities facilities,
 - progress report,
 - facilities for, hospital and medical facili-ties series, 1338
- ties series, 1338 university facilities for diagnosis, treat-ment, etc., construction, Public Health Service, grants and awards, 1347 Menus for spaceflight, nutrient-defined for-mula diets for aerospace metabolic experi-mentation, 87
- Meperidine, see Demerol.
- Merchant marine : act of 1936, hearings, addendum, 407 future of maritime industry (rem: (remarks). 915
- ⁹¹³ Jong-range maritime program, establish, hearings, addendum, 407
 rate conferences and national interests (remarks), 640
 Merchant Marine and Fisherles Committee House.
- House :
- committee print. 410 hearings, 407–409
- Mercury
- Mercury : boller for SNAP-S, design-point perform-ance of double-containment tantalum-and-stainless-steel, 1137
 cadmium telluride as 1-to-20-micro-meter wavelength infrared detector for space, applications, 1121
 Merit systems, State, directory, 758
 Merriam, Ida C., social welfare expenditures under public programs in United States, 1396
- esilla Park fiber sorter, instrument for sorting short fibers and long fibers in cot-Mesilla

Metabolism :

- endocrine-metabolic
- effects of transatlantic helicopter flight, 101
- iron, measuring in hematopoletic centers using iron-59 in presence of chromium-51 and jodine-125, 104
- nutrient-defined formula diets for aerospace metabolic experimentation, 87
- water-salt metabolism during spaceflight, USSR study, 854
- Metal foils, trade and tariff information, summaries, 1463 Metals
 - anomalous concentrations in Mill Canyon area, Cortez quadrangle, Eureka and Lander Counties, Nev., 743

Do not order from index; see indicated entry

ton lint, 6

- Metals-Continued ductile, into ultrafine powders by grind-ing, role of chemical reactions in mechanism of comminution, 1087 industries, technologic trends, minerals

 - industries, technologic trends, minerals yearbook chapter, 987 metals and metal products, trade and turiff information, summaries, 1463-64 reinforced on surface with bonded fila-ments, compressive properties and col-umn efficiency, 1101 self adhesion, influence of gaseous environ-ment 1091

 - ment, 1091 see also names of articles manufactured from metals.
- Metaphor as pure adventure, lecture, 908 Metcalf, Z. P., general catalogue of Homop-tera, 12 tera, 12 Meteorites, gold contents reported, 741 Meteorological apparatus and instruments,
- see Radiosondes
- Meteorological rockets, see Rockets
- Meteorological satellites, see Satellites.
- Meteorology :
 - meteorological handbooks, 306-Federal 307

 - 307 records documentation, 617 Route 17, Panama, preliminary meteoro-logical data summary, interoceanic canal studies, 613 synoptic code, standards and procedures for coding synoptic reports, 306 see also Weather. istabolism -Interoceanic
 - procedures
- Metabolism :
 - endocrine-metabolic responses to---
- parachuting, 103 sequential decompression during simu-lated orbital flight, 97 Meters, see names and types of meters, or
- Metrics, see names and types of meters, or substance, etc., measured. Methodology, long range forecasting, Air Force symposium, 78 Metric systems, metric dilemma (address),
- 310
- Metropolitan areas, see Cities and towns
- Metropolitan areas, see Cities and Towns. Mexican-Americans, job gains of men, 898 Meyer, George, response envelope, global de-scription of 3 axis large-angle spacecraft attitude control systems, 1113 Meyer, Marvin C., Moore on hirudinea with emphasis on his type-specimens, 1207
- Miami, Fla. : harbor improvement, engineers report-departmental edition, 599

- departmental edition, 599 document edition, 434 Mice, differential resistance at various time levels to lethality of rattlesnake venom (Crotalus atrox), 84 Micelles, micellar formation by naturally occurring lipids and properties of recon-stituted lipid membranes, studies, 796 Michalski, Bernadette, mineral industry of East Germany, 950
- East Germany, 950
- Michigan
 - annual report, 23
- annun report, 25 water resources, 1966 data. 754 Michigan Islands National Wildlife R designate as wilderness, hearing, 479 Refuge,
- Microbiology :
 - electronics, TAMIS, research technic uti-lizing proved immunochemical and elec-tronic methods, 80 examination of space hardware, NASA standard procedures, 1045 micro lagon technique for culture and ob-reco lagon technique for culture and ob-

 - servation of isolated mammalian cells, 1122
- Microelectronics, see Electronics. Microfilms, National Archives publications, pamphlet accompanying, 1161-70
- Micro-organisms : living pathogens, regulating shipment, 52
- microbial cell walls, biophysical studies, preparation of isolated cell walls, 1257 rapid identification, by continuous parti-cle electrophoresis, 102

- Microscopy, mocriscopic behavior of one-di-mensional plasma, computer experiments, 1067
- Microstructure, wood, changes progressive stages of decay, 683 changes, through
- Microwaves : microwave dehydration on components of
- microwave dehydration on components of apples, effects, 9 spectral tables, polyatomic molecules without internal rotation, 1173 submillimeter waves in space, problems and programs on use of, 1040 Middle Eocene period, see Eocene period. Middle Miocene period, see Miocene period.

- Midwest (U.S.) : region east of Great Plains, key to native perennial grasses, 1407
- Migration in United States, analysis of residence his-
- tories, 1346 international, of talent and skills, hearings, 487 Military aid :

 - foreign assistance act of 1968-

 - nalysis, 399 Ramseyer rule print, 398 foreign assitance act of 1969— background material, fiscal year 1969, compilation, 397
- computation, solution program address di-rectory, MILSTRIP, 553-554
 Military art and science:
 logistics, Integrated support planning guide for DoD systems and equipment, 538
- pathfinder operations, Army field manual,
- Military assistance, see Military aid.

- Military assistance, see Military aid. Military establishments, see Armed Forces. Military pay, see Pay, allowances, etc. Military personnel, see Army. Military records, service records, volunteer soldiers who served from 1784–1811, index, microcopy, pamphlet accompanying. 1163 1163
- ilitary research, long range forecasting methodology, Air Force research program, Military 78
- standards, see Standards and Military standardization.
- Military supplies : airdrop of supplies and equipment, rigging containers, Army technical manual, 179 services Armed services procurement
 - regulation, 525
 - cataloging system, standardization, etc., semiannual report, 391A
 - Seminanual report, 551X Federal manual for supply cataloging, for-mat, content, and preparation of Fed-eral supply catalog publications, 526 MILSTRIP, military standard requisition-ing and issue procedures supplement, 553

 - see also Handling equipment.

Milk :

- Federal ordersmarket source by State and county, 505 marketing class 1 base plan, amendments-

 - hearings, 388 report, 374

Mill Canyon, gold, silver, and other metals, anomalous concentrations in area, 743

- Miller, Chares G., III, real-helium hypersonic flow parameters for pressures to 3600 atmospheres and temperatures to 15,000° K, 1092
- Miller, Irvin M., evaluation of coated molybdenum and columbium alloys in hig temperature supersonic airstreams, 1100 high-
- lller, Warner, self-synchronizing bi-ortho-gonal coded PCM telemetry system, 1146 Miller, Miller act, see Government contracts.
- Millimeter waves, see Microwaves.

Do not order from index; see indicated entry

Milling machines, feasibility of producing dispersion strengthened chromium by ball-milling in hydrogen halides, 1127 Milroy, William C., fungal flora of sub-marine environment during prolonged with reaction of the strength of the stren Federal waterfowl production areas, guide, mineral industry, minerals yearbook chapter, 958 water resources, 1966 data, 755 Mint Bureau, Mint story, history, etc., 989 submergence, 921 MILSCAP, military standard contract ad-ministration procedures, DoD data system, Mint Bureau, Mint Story, Mint story, 989 Miocene period, Middle Miocene foraminifera and stratigraphic relations in Adelaida auadrangle, San Luis Obispo County, 552 MILSTRIP, military assistance program ad-dress directory 553-554 Minas Gerais, Brazil, geology and mineral resources (series), 745 Mine accidents, Federal coal mine health and safe act of 1968, recommendations, 365 and stratigraphic relations in Adelaida quadrangle, San Luis Obispo County, Calif., 734 Mirrors, single- and double-mirror systems, geometrical image aberrations in, mathe-matical determination, 1052 Miscellaneous publications, 1652 Miscellaneous publications, see names of de-partments, etc., issuing publications. Misconduct, line of duty and misconduct de-terminations in Army, 141 Mississippi, mineral industry, minerals year-hook obstate 065 Mine safety, see Safety of life. Minerals : deposits, near Monticello Box, northern Sierra Cuchillo, Socorro County, N. Mex., geochemical evidence, 740 Mississippi, mineral industry, minerals year-book chapter, 959
Missouri Basin Inter-Agency Committee: annual progress report, 990
minutes, 154th meeting, 991
Missouri River Basin project, Kortes unit, modify operation for fishery conservation, report, 442
Mitchell, George W., address, Oct. 25, 1968, 653 industriescensus 1967, geographic area coding manual, cross reference manual, 221 injury experience and worktime in min-eral industry, minerals yearbook chapter, 941 review, minerals yearbook chapter, 983 sample reduction, multistage probability model, 973 Alabama, 945 Arkansas, 946 Mobility, handicapped students, 1367 Mockingbird Gap quadrangle, N. Mockingbird Gap quadrangle, N. Mex., geology, 749
Model citles, see Citles and towns.
Model in-service training program for correctional personnel, 871
Models (structural): analytical model of flash stage, development, 797
model design of soil-projectile system, application of similitude, 1027
Modernizing military pay, 555
Moisture: Mex., Bolivia, 947 Connecticut, 948 Delaware, 949 East Germany, 950 Florida, 951 Georgia, 952 Hawaii, 953 Kansas, 954 Kansas, 95 Maine, 955 Maryland, 956 Massachusetts, Minnesota, 958 Moisture : 957 effects and control as influenced by thermal Insulation from wood for buildings, 684 loss of wood moisture, effect of transverse compressive stress, 677 wood moisture content, effect of restrained Mississippi, 959 New Jersey, 960 New Zealand, 961 North Carolina, 962 wood moisture content, effect of restrained swelling, 676 cold-moid arc melting and casting, 929 Molecules, polyatomic, microwave spectral tables, 1173 Molted saits, see Salts. Molybdenum, and columbium alloys, coated evaluation in high-temperature supersonic air-streams, 1100 Monetary policy, see Money. North Carolina, 362 Oregon, 963 Portugal, 864 Puerto Rico, Panama Canal Zone, Vir-gin Islands, Pacific Island Possessions, and Trust Territory of Pacific Islands, Apr 965 Rhode Island, 966 Rhode Island, 966 South Carolina, 967 South-West Africa, 968 Vermont, 969 nonmetallic minerals and products, trade and tarlff information, summaries, 1462 production, statistical summary, minerals yearbook chapter, 985 prospecting, application of biogeochemis-try, survey, 1042 resources— Minas Gerais Brazil (series) 745 Money domestic and international monetary situations (remarks), 1477 next steps in international monetary rehearing, 345 report, 346 People's Republic, see Outer Mongolian Minas Gerais Brazil (series), 745 uncompangre primitive area, Colo., 733 see also names of minerals. Mongolia. Monographs, see names of departments, etc., issuing monographs—also subjects. Monomoy National Wildlife Refuge, designate certain lands as wilderness, hearing, 479 Mines and mining, surface, effects on fish and wildlife in Appalachia, report, 1427 see also Coal mines and mining. Monopolies : Mines Bureau antitrust laws, failing newspapers, exempt certain combinations and arrangements necessary for survival, hearings, 486 consumer credit industry, hearings, 482bulletins, 929 Director, nomination of John F. O'Leary, hearing, 480 information circulars, 938-940 publications and articles, 1967, list, 944 report of investigations, 973-982 483 economic concentration, outside United States, hearings, 485 Minetti, G. Joseph, address, Oct. 6-8, 1968, Montana : annual report, 24 inidoka National Wildlife Refuge, birds, list, 1417 Minidoka electric rate book, 645 ater supply outlook and snow surveys, 1408 water Minimum wage, see Wages Mining engineering, use of fly ash for remote filling of underground cavities and pas-sageways, 982 Monterey County, Calif., geology, Tierra Redonda Mountain and Bradley quad-rangles, 732

Page 142

- Monterey Harbor, wave and surge condi-tions after proposed expansion, hydraulic model investigation, 608 Monticello, N. Mex., mineral deposits near Monticello Box, northern Sierra Cuchillo, Socorro County, geochemical evidence, 740 Montoya, John, collective bargaining calen-dar for Pacific region, 901 Moon earth-moon orbits, comparison with condi- |

- dar for Pacific region, 901
 Moon, earth-moon orbits, comparison with class of rotating Kepler orbits, 1120
 see also subjects beginning Lunar.
 Moore, John B., growth of oxide films in high-temperature aqueous environment, growth characteristics of iron oxide films gener-ated in dilute lithium hydroxide solution at 300°c, 1261
 Moore, John P., on Hirudinea with emphasis on his type-specimens, 1207
 Moore, Raymond S., consortiums in Ameri-can higher education, 576
 Moore, Royce D., prediction of thermody-namic effects of developed cavitation based on liquid-hydrogen and freon-114 data in

- namic effects of developed cavitation based on liquid-hydrogen and freon-114 data in scaled venturis, 1116 Moosehorn National Wildlife Refuge, Ed-munds and Birch Islands, designate as wilderness area, hearing, 479 More than shelter, 1314 Moriches Bay, pollution, progress evalua-tion meeting, proceedings, 663 Morning. John L., technologic trends in mineral industries (metals and nonmetals except fuels), 987 Morocco, capsule facts for Armed Forces, 123

- 123
- Morris, Odell A., aerodynamic characteristics orns, Oden A., aerodynamic cuaracteristics of parasol-wing-body combination utiliz-ing favorable lift interference at Mach numbers 3.00 to 4.63, 1081
- Mortality, see Death. Mortgage insurance, interest rates, co obsolete references in laws, law, 342 correct
- Mortgages : amortization tables, home mortgages in-sured under national housing act, 635
 - mortgage banker, new opportunities (ad-dress), 781 mortgagees' guide, assistance and interest reduction payments, 770
- MOS field-effect-transistor technology, 996
- Mosher, Frederick C., planning-program-ming-budgeting, program budgeting in foreign affairs, some reflections, 473 Mossbauer effect, study of magnetic ordering in copper-rich Cu-Ni-Fe alloys, errata, 1180
- Moths:
- offision aspentortix, Choristoneura conflict-ana (Wikr.), in interior Alaska, 679 revision of Peorlinae and Anerastinae (anctorum) of America, north of Mexico, 1203
- Motion pictures :
- catalog of copyright entires, 519-520 National Bureau of Standards films, list, 1175
- Motoneurons, see Nerves.
- Motor carriers, filing of surety bonds, etc.. under interstate commerce act, rules and regulations, 829
- Motor neurons, see Nerves.
- Mound builders of nuclear age, 202
- Moyer, Forrest T., injury experience and worktime in mineral industries, 941
- MP series, 779
- udge, Melvile R., reconnaissance geology, geophysics, and geochemistry of south-eastern part of Lewis and Clark Range, Mont., 731 Mudge.
- National Wildlife Refuge, birds, Muleshoe list, 1416
- Mullady, Philomena, Canada manpower policy and programs, 879
- Multistage probability model of sa duction in mineral industries, 973 sample re-

- Municipal Bond Guarantee Corporation, es-tablish, hearings, 344 Municipal bonds, bond rating practices and effects on municipalities, hearings, 344 Munse, W. H., effect of repeated loads on low temperature fracture behavior of notched and weided plates, 1376 Munson, Frederick P., area handbook for Cambodia 162
- Cambodia, 168
- Murphy, Edwin M., use of fly ash for remote filling of underground cavities and passageways, 982 Muscat. Muscat and Oman, capsule facts for
- Armed Forces, 128 Muscles, myology, turkeys, atlas, 196 Music, Library of Congress catalog, 907
- Musical instruments, trade and tariff infor-mation, summaries, 1465
- Myer, Fred P., treatment tips how to deter-mine quantities for chemical treatments in fish farming, 1428

Myers, Clifford A. :

- rapid computation of yield tables for managed even-aged timber stands, 698 simulating the management of even-aged timber stands, 697
- yers, Robert J., disability incidence rates under OASDI system for disability onsets occuring 1956-63, 1386 Myers.
- Myology, see Muscles.
 - TN

N.B.S., see National Bureau of Standards.

- N.I.H., see National Institutes of Health. Naffalin, Mortimer L., historic books and manuscripts concerning horticulture and forestry in collection of National Agriforestry in collection cultural Library, 1157
- Nagel, Max R., prolems and programs on use of submillimeter waves in space, 1040 Narcotic habit, narcotic addict rehabilitation act of 1966, public health laws, compila-
- 1966, public health laws, compilaact of tion, 493
- tion, 4., study of bending of mag. reinforcing bars, 600 NASA, see National Aeronautics and space
- NASA SP series, 1038-44
- NASA SP series, 1050-44 National Accelerator Laboratory, ground-breaking ceremony (remarks), 204 National Advisory Commission on Low In-come Housing, establish, compilation, with related documents, 393
- National Aeronautics and Space Administration :

 - contractor report CR (series), 992–1037 control of materials under Appollo pro-gram, procedures and practices, GAO review, 722 phased project planning guidelines, 1154

 - departmental editions, 1155-56 document editions, 368-369 SP series, 1038-44

- SP series, 1038-44 space flight investigations, opportunities for participation, 1150-51, 1153 standard procedures for microbiological examination of space hardware, 1045 support service contracting, status, staff report, 420 technical notes, 1046-1144 technical reports, 1145-48 technical reports, 1145-48 technical translations, 1149 National Agricultural Library : historic books and manuscripts concern-ing horticulture and forestry in collec-tion, 1157
- tion, 1157 library list (series), 1157-58 National Air Pollution Control Admin tion, publications, AP series, 1341-42 Administra-
- ational Arboretum, camellias, general in-formation, 54 National

Do not order from index; see indicated entry

National Archives: general information, 1160 microfilm publications, pamphlet accom-panying, 1161-70

preliminary inventories series, 1171-72 National Bureau of Standards : films, list, 1175 monographs, 1173-74

- national standard reference data series, 1176
- postdoctoral research associateships, 1969, general information, 1177 special publications, 1178
- Special publications, 1175 technical notes, 1179-81 National Cancer Institute, End Results Group, 1967 code manual, 1191 National Center for Air Pollution Control, progress report, 433 National Commission on Unice Pacificance.
- National Commission on Urban Problems :
- harings, 1312 research reports, 1314-18 National Communicable Disease Center, Atlanta, Ga., laboratory methods in anae-robic bacteriology, manual, 1339 National debt, see Fublic debt. National defense :
- - industry and national defense (remarks), 309
- treatment of mass civilian casualties in national emergency, 1350 National electric rate book, 643-648
- National Elk Refuge, general information. 1413
- National flood insurance, act of 1968 com-

- National nood insurance, act of 1000, total plation, with related documents, 393 National forests, system areas, 672 National Gallery of Art, history of art, 1967, report and studies, 1183 National Guard, Army, technicians, manning caritorie 1184 ariteria, 1184 National Guard Bureau, pamphlets. National health survey, vital and health statistics, 1352-54

- National Hispanic Heritage Week, designate, law, 340
- National housing act, see Loans. National Institute of Dental Res. grants and awards, 1967 funds, 1194 National Institutes of Health: Research,
- prary translations index, 1967 supple-ment, 1196 library
- programs, work, etc., 1195 resources for medical research, report, 1199 National Institutional Science Council, es-
- tablish, hearings, 419 National Insurance Development Corpora-tion, create, compilation, with related doc-
- uments, 393 National Library of Medicine, MEDLARS services, guide, 1202
- National monuments and memorials, monu-ments of scientific significance, natural area category, compliation of administra-tive policies, 1215 see also names of monuments or memorials.

National Museum

- annual report, 1206 bulletins, 1203-5 proceedings, 1207-10 National Park Service : administrative policies for management of
 - historical areas, compilation, 1214 natural areas, compilation, 1215 recreational areas, compilation, 1216

National parks : administrative policies, compilation.

- 1214~16
- boating regulations in national park sys-tem, 1211 National program for training skilled avia-tion personnel, preliminary design study. 559
- ational Railroad Adjustment awards, 1231 National Board,

- National Science Foundation, administer na-tional institutional grants program, hearings, 419
- National security :
 - management, correspondence courses, In-dustrial College of Armed Forces, in-formation booklet, 556

- formation bookiet, out safeguarding classified information, FAA handbook, 626 specialists and generalists, selection of readings, 476 National Security Semiars, presentation out-lines and reading list, 831 National Severe Storms Laboratory, ESSA technical memorandum, ERLTM-NSSL se-rice, 612
- National 1176 standard reference data series,
- 1116
 National Transportation Safety Board, annual report, 1235
 Nationality, immigration and nationality act, amend to correct inequities, hearings, 406
 Nations, see Foreign countries.
 NATO, see North Atlantic Treaty Organization
- NATO, a ization.
- Natural dyes in United States, 1204
- Natural gas, see Gas.
- Natural
- History Museum, annual report, 1206 Natural resources :
- - conservation, planned management of our resources (remarks), 59
- fruitful and delightsome land (speech), 37
- resource bulletins, 700–701 resource publications (series), 1427–29
- Naturalization :
 - laws, compilation, 351 publications, price list, 1327
- Naval education :
- - Navy training courses, 1247-49, 1252 programmed instructional material cata-
- programmed instructional material cata-log, supplement, 1253 training equipment and individual differ-ences, effects of subject matter variables, study, supplementary report, 1256 Naval establishments, see Armed Forces.

- Naval Facilities Engineering Command, de-sign manual, 1237 Naval Oceanographic Office, publications se-
- ries, 1238-46
- Naval Personnel Bureau, training manuals and correspondence courses, list, 1251 Naval Research Laboratory :
- annual report. 1254 report series, 1257-70
- Naval Submarine Medical Center, reports, 918-928
- Naval Training Device Center, technical re-ports, 1255-56 Navigation:
- nditions. Fort Smith reach, Arkansas River, 607 conditions,
 - laws, equipment, Coast Guard approved lists, 200 Robert S. Kerr Lock and Dam, Arkansas
 - River, hydraulic model investigation, 605
- spacecraft optical navigation, analytic ap-proximations for application on short proximations for application on short data arcs, 1088 NAVTRADEVCEN, see Naval Training De-
- vice Center. Navy :

- leadersbip support manual, 1250 naval shore facilities, definitive designs, 1236
- NBS, see National Bureau of Standards.
- NCDC, see National Communicable Disease Center, Atlanta, Ga. Nebraska:
 - electric rate book, 646
 - Federal waterfowl production areas, guide, 1433

Page 144

Needle miner, see Lodgepole needle miner. Negotiated contracts, see Government contracts.

Negotiations, Vietnam and Paris negotiations, report, 469-470 Negroes

- education. employment, and Negro equality, seminar on manpower, 88 population characteristics, 239 883
- population, selected areas of U.S. in which

special censuses have been taken, 245 rural and non-metropolitan areas of Ala-245 bama, equal economic opportunities, re-port, 270

- Neihof, R. A., biophysical studies of micro-bial cell walls, preparation of isolated cell
- walls, 1257 elson, W. H., geology Creek mining distric Idaho, 729 district, f part of Custer C Alder Nelson. County,
- Nematoid worms, golden nematode handbook, survey, laboratory, control, and quarantine procedures, 30
- Neptunium isotopes, NP-237 and uranium-236, effect on value of uranium used as feed for thermal power reactors, 189
- Nerves, spinal motoneurons, action of actin-omycin 2703 on RNA metabolism of, under conditions of hyperfunction, histochemi-

cal data, USSR study, 843 Nesson, John W., taste thresholds to bitter compounds during submarine patrol, 924

Neutron activation and analysis, see Radioactivation analysis.

Neutrons, cross sections and technology, conference proceedings errata, 1178

new Jersey : mineral industry, minerals yearbook chap-ter, 960

Pennsylvania-New Jersey-Maryland interconnection, power interreuption, report, 649

new life, a new world, today's Women's Army Corps, 138 A

- New Mexico
 - ew Mexico: Great Basin tent caterpillar, life history, parasites, disease, and defoliation, 695 Indians, general information, 789 northern, USDA at work, 63 southeastern, Carlsbad district, 5th ore zone, evaporite geology, 730 Upper Rio Puerco solls, production capabil-ities, 682 ow Zeeland.

- New Zealand

background notes, 1436 mineral industry, minerals yearbook chap-961

sailing directions, change, 1243

Newark, N.J., rlots, looting, and burning, subversive influences, hearings, 426 Newcastle disease, poultry, how to control

it, 42 Newfoundland, sailing directions, change,

1238

News from the Center, 910

Newspapers, fallings, exempt from anti-trust laws certain combinations and ar-rangements necessary for survival, hearings, 486

Newton-Raphson method, 800 Variables (mathematics)

Next steps in international monetary reform, 346

Nichols, Lester D., design and preliminary operation of Lewis magnetrohydrody-namic generator facility, 1090 Nickel, elastic scattering of 21 MeV protons, 1138

- Nickel-titanium alloy, see Nitinol. NIDR, see National Institute of Dental NIDR, see Research.
- ederfrank, E. J., working with the dis-advantaged, 55 Niederfrank.

Nigeria :

economy, basic data, 313 Nigerian-Biafran relief situation, hearing.

Nigerian-Duartan views of Foreign Affairs 467 Nigh, June, activities of Foreign Affairs Committee, 90th Congress, 401 NiH, see National Institutes of Health. NiHe River and Valley, agrcultural develop-ment and expansion in Nile Basin, 574

Niobium:
absorption rate sticking probabilities for oxygen on columbium and dilute colum-bium-zirconium alloys, 1105
Cb-1Zr, pumped sodium loop, 999
coated molybdeum and columbium alloys in high-temperature supersonic air-streams, evaluation, 1100
Nitinol, certain physical properties and ap-plications, 1033

Nitrogen :

- deficiency, in pumice soils of central Oregon, caused by thinning slash, 680 elastic scattering of 21 MeV protons, 1138 nitrogen and helium as factors affecting decompression stress severity, 98 trogen tetroxide-hydrazine combustors, performance and tethility absorbiting interaction
- Nitrogen performance and stability characteristics, 1055

olse, helicopter, blade theoretical study, 1030 blade slap, review and Noise.

Nominations, see names of persons. Nonenzymatic browning in model systems Nonenzymatic browning containing sucrose, 92 Nonmetals

industries, technologic trends, minerals

industries, rechnologic trends, innerals yearbook chapter, 987 minor, minerals yearbook chapter, 970 Non-urban patterns of land utilization 1963-68, bibliographies, 1158 Norris Reservior, fertilizer effects on food

chain organisms and fish production in, 1473

North America :

Atlantic Coast, surface and density 296 revision of Peoriinae surface water temperature

vision of Peoriinae and Anerastiinae (auctorum) of America north of Mexico, 1203 h American

orth American Conference on Labor Sta-tistics, proceedings of 25th conference, 900 orth Atlantic slope basins, see Atlantic North North States

North Atlantic Treaty Organization, status of forces agreement, criminal jurisdiction operations, report, 451 North Carolina :

industry, mineral minerals yearbook chapter, 962

chapter, 962 southwestern, rural renewal area, economic evaluation, 569 North central recion, see Central States. North Dakota, Federal waterfowl production areas, guide, 1434 North Laramie River and Valley, watershed project, hearing, 502 Northeast (U.S.): forest atlas, 669 Northern Utilization Research and Davales

Northern Utilization Research and Develop-ment Division, fermentation research, publications and patents, 8 Northwest (U.S.): Pacific Northwest, water resources, sum-mary 744

Norway, lights and fog signals, list, change, 1246

Novak, Arthur F., radiation pasteurization of Gulf shellfish, 190 Noxious plants, see Weeds. NPS national Prisoner statistics series, 1322

NRL. see Naval Research Laboratory.

Nuclear energy, see Atomic energy.

Nuclear power, see Atomic energy.

Nuclear reactions, gamma-rays, studying by use of annular lithium-drifted germanium

detector, 1001 Nuclear reactors, see Reactors (atomic).

Do not order from index; see indicated entry

Nuclear science :

abstracts, serial titles cited, list, 194 mainland China, selected bibliography, 911 topics in electron scattering and nuclear models, notes on lectures at NRL, 1264

models, notes on lectures at NRL, 1204 Nuclear warfare, 86e Atomic warfare. Nuclear weapons, 86e Weapons. Numerical calculations: method of calculating compressible tur-bulent boundary layers, 1002 timber meanged stands replid computation

timber managed stands, rapid computation of yield tables, 698 Nurse Corps, Air Force, career opportunities,

Nurses and nursing :

good training, good jobs, MDTA, upgrad-ing practical nurses, 580 professional nurse traineeship program,

1198

1198 see also Nurse Corps, Air Force. Nursing homes, extended care facilities, di-rectory of providers of services under health insurance for the aged, 1389 Nury, F. S., effects of microwave dehydra-tion on components of apples 9 Nutrients, see Nutrition.

Nutrition :

Far East Symposium on Nutrition, papers, 1192

1192 nutrient-defined formula diets for aero-space metabolic experimentation, 87 West African conference on nutrition and child feeding, proceedings, 1345 Nuts, mixed, in shell, U.S. standards for grades, 513 Nylon parachute cloth, coding, manufac-turer's color, military standard, 545 Nystagmus, vertical, head position influence on habituation of, 209

O.A.S.D.I., see Old-age, survivors, and dis-ability insurance.

ability insurance. O-rings, see Rings. OASDI, see Oid-age, survivors, and dis-ability insurance. Oats, diseases, and their control, 29 Objectives and goals in space science and applications, 1039 OBR series, 312-313 Occupational therapists essistants program

Occupational therapists, assistants, program, good training, good jobs, MDTA, 579

Occupations:

career opportunities— Air Force officers, aerospace leadership, guide, 67

guine, 07 Air Force ROTC cadet, 76 air traffic control specialists, 275 go Government, 289 Women's Army Corps, new life, new world, 138

careers for women, mathematician, why not be one, 1494

careers in Department of Agriculture, profiles, 45

job grading system for trades and labor occupations, Federal personnel manual, supplements, 280-281

wage trends for occupational groups in metropolitan areas, 902 see also Employment.

Ocean:

eep sea release mechanism memorandum, 614 deep technical

time series from beach environment, 611 see also Waves. Atlantic

Ocean temperature, surface water, At Coast, North and South America, 296 Ocean transportation, see Shipping

Oceania, agricutural situation, 1968 midyear review, 573

Offenses, see Crime and criminals.

fice furniture and equipment, office chines, current industrial reports, 234 Office office ma-

machines, see Office furniture and Office equipment.

Officers belong. Ohio, lands in Racoon State Forest and Zaleski State Forest, convey to, hearings, 387

River Division Laboratories, technical reports, 600-601 Oil, see Petroleum.

Oils, current industrial reports, 230-231 Oils, current industrial reports, 230-231 Oilseeds, U.S. farm policies (remarks), 61 Oitto, R. H., comparison of trip lights and reflectors, 980 Okanogan County, Wash. geology of magne-site deposits, preliminary report, 735 Oklahoma:

Oklahoma :

east, forests, electric rate book, 647 Okun, Arthur M., economic issues for the future, 882

future, 882 Old-age, survivors, and disability insurance: disability incidence rate under OASDI system for disability onsets, 1386 termination experience of disabled-child benefits under OASDI, 1387 see also Disability insurance. Older persons, see Aged. Older workers, see Labor. O'Learv. John F. nomination, hearing 480

O'Leary, John F., nomination, hearing, 480 Older, Harriet L., copyright law revision, index of hearings, 484

Olson, Keith S., mineral industry of Minne-

sota, 958 sota, 958 stad, Walter B., blunt-body stagnation-region flow with nongray radiation heat transfer, singular perturbation solution, Olstad, 1148

Oman, see Muscat

Onlons, dry, loading patterns for ventilated rall and truck shipments, 7 Open space, its use and preservation, 50 Opinions, see names of courts, etc., rendering

opinions.

Optical absorption and fluorescence in fused silica during TRIGA pulse irradiation, 1015

otical analysis, optical investigations of stretch-formed aluminum solar concentra-Optical

stretch-formed aluminum solar concentra-tors, 1108 Optical instruments and apparatus, fundus tracker for experiments in stabilized vi-otton, research study, 997 **Optics**:

classification definitions, 1297 systems and elements, classification definitions, 1296

tions, 1296 Optimal control: human as an aptimal controller and infor-mation processor, 1004 problems, combined Newton-Raphson and gradient parameter correction technique for solution, 1147 trajectories, generation of ideal coordinate systems for analysis of, 1037 Optimal processes, electrical system power flow optimization, using gradient method, USSR study, 851 USSR study, 851 Orbits

earth-moon, comparison with class of ro-tating Kepler orbits, 1120 simulated orbital flight, decompression

stress, 93 Orcutt, John C., secondary refrigerant freezing process, mathematical study, 798

Orders, see names of departments, etc., is-suing orders-also subjects. Oregon :

central, pumice soils, can thinning slash cause nitrogen deficiency? 680 coast pilot, 297 forest insect outbreaks, 671 mineral industry, minerals yearbook

ineral industry, chapter, 963

Ores, Fifth ore zone, Carlsbad district, south-eastern New Mexico, evaporite geology, 730

Page 146

Oresund, sal resund, salling directions, change, 1241 rgan Pipe Cactus National Monument, general information, 1226

Organic compounds: production and

synthetic chemicals, sales 1467 dyes,

elastomers, 1468 pesticides and related products, 1469 pigments, 1470

organisms, fertilizer effects on food chain organisms and fish product in Norris Reservoir, Tenn., 1473 Ornamentation, see Decoration and ornament.

desalination membranes, reverse, Osmosis.

Osmosis, reverse, desalination membranes, development, 804 Osteology, turkeys, atlas, 196 Outdoor recreation, see Recreation. Outdoor safety tips, 53 Outer Mongolia, Mongolian People's Repub-lic, capsule facts for Armed Forces, 111 Outer space: aerospace companies backlog of orders

aerospace companies, backlog of orders, current industrial reports, 224 aerospace leadership, careers for officers, Air Force, guide, 67

Air Force, guide, 67 CO_a laser davelopment for space applica-tions, survey, 1057 national space program, views of leading industrial executives, survey, 421 nutrient-defined formula diets for aero-space metabolic experiments on Cosmos-110 biosatellite, USSR, 865 shadow shields for thermal protection of cryogenic tanks, experimental studies, 1106 space applications, mercury, cadmium

ace applications, mercury cadmium telluride as 1- to 20-micro-meter wave-length infrared detector, 1121 acce feeding systems, nonenzymatic browning containing sucrose, 92 space

space

use of submillimeter waves in space, problems and programs, 1040 see also headings beginning Space. Output, see Production. Oversea service:

Oversea service: Defense Department's dependents schools, education opportunities, 556A dependents traveling to overseas areas, information, pamphlet, 171 Overseas business reports, 312-313

Oxidation:

anodic oxidation o oxides, 1269 resistant materials 3 representative of

for transpiration cooled gas turbine blades, wire specimen tests, 1012

tests, 1012 role of degree of crystal development, crys-tallographic data on selected artificial graphites, 1107 Oxygen :

sygen: absorption rate sticking probabilities, on columbium and dilute columbium zircon-ium alloys, 1105 elastic scattering of 21 MeV protons, 1138 partial pressure sensors, thin film, investi-

gation, 1010

ozonesonde observations 1962-66, Ozone, measurements, 615

P

PA series, 51-55

PA series, 51-55 Pacific area: East Asian and Pacific series, 1439-40 opinions of Asian and Pacific leaders on Vietnam war, 132 Pacific Coast, coast pilot, California, Oregon, Washington, and Hawaii, 297

Pacific Islands : mineral industry, minerals yearbook chap-

mineral industry, minerals yearbook chap-ter, 965 salling directions, change, 1244 Pacific Northwest, see Northwest (U.S.). Pacific Ocean, Western, lights and fog sig-nals, list, change, 1245

Laboratory, ESSA lums, RLTM-POL Oceanography Pacific memorandums, technical

series, 614 Pacific States, collective bargaining calendar for 1968, Pacific region, 901 Packaging

packaging panorama-U.S.A. (address), 214

214 packaging's effect on society, Government view (address), 215 weapon packaging, handling, storage and transportation preparation, performance and compatibility requirements, military condend 540

standard, 549 Packard, Richard D., mercury cadmium tellu-ride as 1- to 20-micro-meter wavelength infrared detector for space applications,

Packing materials: Federal item identification guide, 533

packing, trade and tariff information, summaries, 1461

maries, 1461 shingle tow packing material for conifer seedlings, investigations, 602 Painting, exterior, general information, 41 Pakistan, West, Stomatopod crustacea, 1209 Pamphlets, catalog of copyright entries, 516 see also names of departments, etc., issuing pamphlets.

Panama

capsule facts for Armed Forces, 118 Route 17, Darien region, preliminary mete-orological data summary, interoceanic canal studies, 613 Panama Canal Zone, see Canal Zone. Pancreas, Isle of Langerhans, 1335 Paper, trade and tariff information summa-ries, 1460 Paracheutes, contents of the state of the st

Parachutes. manufacturer's color, military standard, coding,

Parachuting, endocrine-metabolic responses to, 103 Paracolon, citrate mannitol agar medium for

separating Esche from Shigella, 83 Escherichia coli paracolons

from Shigella, 83 Parameters: combines Newton-Raphson and gradient parameter correction technique for solu-tion of optimal-control problems, 1147 real-helium hypersonic flow, for pressures to 3600 atmospheres and temperatures to 15 000° K, 1092 variations analysis, practical reliability, 998

998

998 Parasites, freshwater fishes, 1410 Parents, partners in Health, Education, and Welfare Dept. programs for children and youth, report, 761 Paris, France, Vietnam and Paris negotia-tions, reports, 469-470

Participation and partnership, 582 Passenger traffic, travel between U.S. and foreign countries, 788 foreign countries, 788 Passengers, travel between U.S. and foreign

countries, 788

Passports:

control acts, compilation, 352 make additional visas available for immi-grants from certain foreign countries, hearings, 406 Pasteurization, radiation, Gulf shellfish, 190

Patent Office : classification definition series, 1276-97

computer 1298 programs, future (address),

Patents:

atents: and publications, on fermentation research, Northern Utilization Research and De-velopment Division, Peoria, III., 8 answers to questions frequently asked about patents, 1299 documentation, administering the interna-tional search (address), 1275 Southern Utilization Research and Devel-opment Division, semianuual list, 19

Do not order from index; see indicated entry

Page 147

329-557-69-11

Patents-Continued Western Utilization Research & Develop-ment Division, semiannual list, 14 Pathfinder operations, Army field manual, 137

Pathogens, see Microorganisms.

Patients:

clinical center, NIH referral procedures, 1187

hospital patient care, use of electronics, 1337

1334
 what social security disability program means to you and your patients, an-swers for doctors, 1399
 Patrol instrument for registration of pri-mary cosmic radiation, USSR, 853

Pavements:

alrfields, evaluation of airfield pavements other than Army, flexible airfield pave-ment evaluation, Army technical man-

Pav.

ment evaluation, Army technical man-ual, 178 rigid and overlay design, Army airfield and heliport, technical manual, 177 y, allowances, etc., modernizing military pay, active duty compensation, quadren-nial review of military compensation, report. 555

port, 555 Payrolls, Architect of Capitol, activities, GAO review, 721 Pea Ridge National Military Park, general information, 1227 Pecan Bayou :

Pecan Bayou: watershed development, engineers report— departmental edition, 602 document edition, 359 Pegg, Robert J., helicopter height-velocity diagram showing effects of density alti-tude and gross weight, investigation, 1050 Pelican Island National Wildlife Refuge, des-ignate certain lands as wilderness, hear-ing 479 ing, 479 Pennell, 1

Maryland Y., health manpower,

Pennell, Maryland Y., health manpower, United States, 1355
Pennsylvania anthracite, see Coal.
Pennsylvania-New Jersey-Maryland inter-connection, power interruption, report, 649
Pension Benefit Insurance Corporation, cre-ate, hearing, 498
Pension Benefit Insurance Fund, create, hearing, 498

hearing, 498

Pensions: benefit security act, hearing, 498 employee, annuity, etc., income tax, 809 pension and employee benefit act of 1967 bearing 498

hearing, 498 pension and welfare plans, hearing, 498 plans of self-employed individuals, defini-tion of earned income, report, 449 welfare and pension plan protection act of 1969 report.

1968, report, 371 welfare and pension plans disclosure act, amend-

amend— hearing, 498 report, 371 see also Civil service pensions. Peorinae, see Moths. Perception, responses to underwater distor-tions of visual stimull, 927 see also Color perception. Perennials, key to native perennial grasses. Midwest region east of Great Plains, 1407 Performance (psychology): effects of acceleration on, with special reference to transverse G, 81 Performance and stability characteristics of nitrogen tetroxide-hydrazine combustors, 1055

Perinatal mortality, see Death. Periodicals, catalog of copyright entries, 515-516

Persian Gulf, lights and fog signals, list, change, 1245 Personnel, see Social workers. Personnel management, see Administrative

management. Personnel manual, see Civil service. Personnel Research Laboratory, technical report, 79

port, 19 presonnel workers, personnelman 3 & 2, Navy training course, 1252 erturbations, singular perturbation solu-Personnel

returbations, singular perturbation solu-tion for blunt-body stagnation-region flow with nongray radiation heat transfer, 1148 Peru, economic trends and their implications for United States, 817 Pesticides : farmers' expenditures in 1024

farmers' expenditures in 1964, for cus-tom pesticide service, 567 farmers' pesticide, expenditures for crops, livestock, and other selected uses, 566

investors, and other selected uses, 560 pesticides and related products, produc-tion and sales, 1469 registered agricultural chemicals, herbi-cides, defoliants, desiccants, plant reg-ulators, summary of uses, 20 residues in foods, analytical manual, er-

reta, 666 Pests, plant, living, regulating shipment, 52 Peterson, Esther, address, Nov. 8, 1968, 876

Peterson, Esther, address, Nov. 8. 1968, 876
Petroleum : crude petroleum products, minerals year-book chapter, 936
oll reserves adequate for U.S. needs (ad-dress), 793
supply in theaters of operations, Army field manual, 136
Petroleum products, see Petroleum.
Pets, importation by travelers, regulations, 524

524 Petsche, Jerome E., Arikara archeology, Bad River phase, 1381 Phased project planning guidelines, 1154 Philippines, special fund for education, agreement, 1448 Phillips, H. B., Bergs deformeter stress anal-ysis of single barrel conduits, 1364 Phonorecords, Library of Congress catalog, 207

Phosphoric acid, atmospheric emissions from thermal-process phosphoric acid manufac-turers, 1342

Turers, 1342 Photographic apparatus and supplies, photo-graphic equipment and supplies, etc., trade and tariff information, summaries, 1465 Photography, see Aerial photography, PHS, see Public Health Service. Physically handicapped, see Handicapped. Physicaln Manpower Division, its mission and organization, 1190

and organization, 1190

Physicians :

disability program means to you and your patients, 1399 answers

your patients, 1539 Physician Manpower Division, its mis-sion and organization, 1190 physician visits, United States, July 1966– June 1967, volume, 1353 you as Air Force physician, 106 Physics, technical research, USSR, 861

Physics of combustion and explosion (USSR periodical)

translations, 868

Physiological reactions. human responses to aerospace environment, compendium, 1024-26

Physiology

human, effects of acceleration, with special

reference to transverse G, 81 relation of signal light intensity to physi-ologic end points during +G_s accelera-tion, 38 Pleatinny Arsenal, Dover, N.J., ammuni-

catinny Arsenal, Dover, N.J., ammuni-tion research and development, improve management, GAO report, 713

management, GAO report, 713 Picture story series, 56-58 Piedmont National Wildlife Refuge, Jones and Jasper County, Ga., even aged forestry management, 1412 Pierce, Clarence R., resonance integrals of rhenium for wide range of sample sizes, 1142

Page 148

Plgments, synthetic organic, production and sales, 1470 Pillage, riots, looting, and burning, subver-sive influences, hearings, 425-426

Pilot guide, see Coast pilots. Pilots and pilotage, see Aviators.

Pine :

Pine: loadpole, needle miner infestations east of Sierra Crest, 681 ponderosa, pole-sized, periodic growth as related to thinning and selected environ-mental factors, 694
southern, dimension lumber, no. 2 dense kiln-dried, properties, 687
Pipe and pipe fittings: cooled pipe, transient solidification out-side, with application to solar Brayton heat receiver, 1114

heat receiver, 1114 incompressible turbulent swirling flow in pipes, analytical investigation, 1006 pipe, metallic, Federal item identification

pipe, metalli guide, 534

Pitch (motion) ten (motion): pitching-moment characteristics of series of low-aspect-ratio-wing-body combina-tions at transonic speeds, 1051 lague, in soil, USSR, reports, 850

Plague. Planning:

anning: and designing functional facilities for in-dustrial arts education, 584 Army programs, line of balance, AMC pamphlet, 133 radiation shlelding for architects, funda-mentals, 266

mentals, 266 toward national policy for planning the environment (remarks), 784

Planning (programming), see Programming (planning).

Plans, see Architecture.

Planting, classification definitions, 1277 **Plants:**

flora of Sierra Ancha Experimental For-est, Ariz., 696 growth effects, coal-derived humus, 981

quarantine import requirements

Brazil, 15

El Salvador, 16 foreign countries, summaries, list, 10 Rumania, 17 Union of Soviet Socialist Republics, 18

Union of soviet socialist republics, to Plants (industrial) : desalting plants inventory report, 795 equipment handbook, combination and mis-cellaneous instruments including dyna-mometers, 527

Government-owned, contr differences in allowing penses, GAO report, 705 contractor-operated, corporate ex

poultry and egg, operating under USDA inspection and grading programs, list, 509

Plasma:

ectromagnetic waves on dielectric rod immersed in plasma, analysis, 1089 electromagnetic

one-dimensional plasmas, computer ex-periments on microscopic behavior, periments 1067

Plasma (blood), see Blood.

Plasma slab, input admittance and reflec-tion coefficient of circular aperture in ground plane covered by homogeneous di-electric or plasma slab, 1008

Plastics, foam, flame spread tests, 601 Plates :

aluminum, ballistic limit determined by ex-ploding foll gun technique, 1047 flat, suspended in narrow channel, flow-

induced vibrations, 1013 notched and welded, effect of repeated loads on low temperature fracture be-havior, 1376

Pierce, Margaret H., cases decided in Court of Claims, 523
Pigments, synthetic organic, production and sales, 1470
Pillage, riots, looting, and burning, subver-sive influences, hearings, 425-426
Pierce, Margaret H., cases decided in Court requirements for platform rigged airdrop material, military standard, 543
Plattnum-groups metals, minerals yearbook chapter, 972
Platt National Park, general information,

1228

1228 Pleistocene period, see Glacial period. Plumbers' supplies, plumbing fixtures, cur-rent industrial reports, 235 Pneumatic conveyors, see Conveyors. Poetry, metaphor as pure adventure (lec-ture), 908

Point defect calculations in tungsten, 1131 Poison ivy, identification, precautions, and eradication, 34 Poison oak, identification, precautions, and eradication, 34 Poisonous plants, see names of toxic plants. Poisons, see Poison ivy. POL, see Pacific Oceanography Laboratory. Police: Point defect calculations in tungsten, 1131

Boston Police Department, reports, rec-ords and communications, system im-provement study, LEAA project report, 873

Cincinnati police-juvenile attitude project, demonstration project in police-teacher curriculum development to improve police-juvenile relations, 872
Pollcy and supporting positions, 414
Polishing, cloths, etc., trade and tariff information, summaries, 1461
Politics, of pollution, transcript of radio presentation 1344

Politics, of polition, transcript of ra presentation, 1344 Pollution of air, see Air pollution. Pollution of water, see Water pollution. Polyatomic molecules, see Molecules.

Polyatomic molecules, see Molecules. Polyesters, see Esters. Polymers and polymerization, grafting of organic polymers onto inorganic sub-stances, 191 Polyphenyl ethers, fatigue life of 120-MM bore ball bearings at 600° F with, 1079

Polyvinyl chloride, see names of manufac-tured articles.

Ponderosa pine, see Pine. Poole, Joe, see Joe Poole Postal Station. Poplar, populus species with emphasis on P. tremuloides, literature survey, 675

Population :

final reports, 251

census, 1960, final report current population reports

consumer buying indicators, 246

population characteristics, series, 239-240

population estimates, series, 241–242 special censuses series, 243–245

Negro-

characteristics, 239 selected areas of U.S. in which special censuses have been taken, 245 provisional estimates of 100 large metro-

politan areas, 242 United States, estimates, 241

Populus, see Poplar.

Populus tremuloides, see Aspen.

Portugal, mineral industry, minerals yearbook chapter, 964

Positions, see Employment.

Post Office : House : Office and Civil Service Committee.

committee print, 414 hearings, 411-413

committee print, 414 hearings, 411-413 report, 383 Post Office and Civil Service Committee, Senate, reports, 445-446 Post Office Department: facilities handbook series, 1306 non-personnel offices, vehicle maintenance, facilities handbook, 1306 poster, commemorative stamp, 1304 standardizing sizes of mail, hearings, 411

Do not order from index: see indicated entry

Post offices: directory, 13

1305

code numbers, supplement, 1309

increase productivity

Increase productivity through tion (address), 1303 Joe Poole Postal Station, Dallas, Tex., re-Joe Poole Postal Station, Jallas, Tex., renaming ceremony (remarks), 1307 Rosebud, Tex., dedication (remarks), 1308

Postage: additional postage charges for certain

non-standard mail, etc., hearings, 411 4th class or library rates, mailing articles, delay or waiver of conditions, report, 383

Postage stamps :

commemorative

commemorative— Chief Joseph stamp dedication (ad-dress), 1300 6-cent John Trumbull, American paint-ing (address), 1302 13-cent Human Rights Year aerogramme (poster), 1304 Postal rates, see Postage. Postal service asc. Mail matter—Post-

Postal service, see Mail matter-Postmasters.

Posters, Post Office Department, commemo-rative stamp, 1304

Postmasters, examination announcements, 271-274

tapovs, Uldis, notch ductility properties of SM-1A reactor pressure vessel follow-ing in-place annealing operation, 1260 Potapovs.

Potatoes, Irish, utilization of 1967 crop with comparisons, 1457

Poultry :

inspectors' handbook, 511

Inspectors' handbook, 511 Newcastle disease, how to control 1t, 42 plants operating under USDA inspection and grading programs, list, 509 processing plants, chemical compounds authorized for use under USDA inspec-tion programs, list, 508

Poverty

economic opportunity act of 1964, text as amended, 494

housing conditions in urban poverty areas, 1315

on poverty, conference proceedings, war 561

working with the disadvantaged, 55

Powders, ultrafine, role of chemical reac-tions in mechanism of comminution of ductile metals by grinding, 1087

Power:

international transient control for solid state power supplies, military ards, 547 stand-

interruption, Pennsylvania-New Jerse Maryland interconnection, report, 649 Jerseysee also Electricity.

Power lines, see Electric lines.

Power plants, see Electric power plants.

Power reactors, see Reactors (atomic). Powers, William F., on generation of ideal coordinate systems for analysis of optimal trajectories, 1037

Preprocessing electronic satellite observations, 1011

act, hearings, 396 Preschool centers

Preschool children, see Children.

Preservatives, servatives, preservative-lubricant small arms, 1265 for

see also Wood preservatives. President of United States :

addresses

Jan. 30, 1968, 1442 Nov. 1, 1968, 1440 messages, ecc, in main alphabet, subject of messages. Presidential appointees, see Government offi-

cials and employees.

Page 150

President's Commission for Observance of Human Rights Year :

establishing, remarks of President John-son, 1442 deepen to our commitment. interim re-

port, 1321 President's Co

resident's Committee on Employment of the Handicapped, annual meeting, min-utes, 1313

President's Council on Youth Opportunity, a _ day in the life, 1310 Pressure

distributions

nd nonlinear lift of slender conical bodies with strakes at low speeds, and 1021

1021 due to sinusoidal distortions on flat plate at Mach 20 in helium, 1123 spherically blunted 25° half-angle cone at Mach 8 and angles of attack up to 90°, 1056 effects on friction coefficients of thin-film solid lubricants, 1266 heat transfer and pressure distribution inside hinge-line gap of wedge-flap com-bination, 1126

bination, 1126

bination, 1126 measurement by use of small combination sensing probe, 1062 real-helium hypersonic flow parameters for pressures to 3600 atmospheres and temperatures to 15 000° K, 1092 stability analysis for unloaded externally pressurized gas-lubrication bearings with journal rotation, 1140 Superconducting lead pressure contents

superconducting lead pressure contacts, 1263

supersonic flow field about axisymmetric body with N wave pressure trace, esti-mate, 1141

mate, 1141
 water and aqueous solutions at high pressures and temperatures, properties, 806
 Pressure vessels, SM-1A reactor, notch ductility properties following in-place annealing operation, 1260
 Prestressed segmented spherical shell, geometric properties, 1032

metric properties, 1032 Price lists, see Government publications— also subjects. Primes, see names of commodities. Primas, James E.: records of Department of State relating to internal affairs of— Argentina, pamphlet, 1161 Austria-Hungary and Austria, pamphlet, 1164

1164

Primates, acute somatic effects of protons to 400 MeV, 82 Primitive areas, see Wilderness areas.

Printed word, the, 564 Printing; printed matter, trade a information, summaries, 1460 and tariff see also Type.

Prints, commercial, catalog of copyright entries, 518

Priroda (periodical) : selections, 857

Prisons and prisoners : national prisoner statistics series, 1322 prisoners in State and Federal institutions for adult felons, 1322

Privacy, Government employees, prote hearings, 412 PRL, see Personnel Research Laboratory employees, protect,

PRL, see Personnel Research Laboratory.
Probabilities (mathematics):
absorption rate sticking probabilities for oxygen on columbium and dilute colum-bium-zironium alloys, 1105
Arrhenius reliability extrapolation tech-niques, computerized, 1119
birch regeneration, stochastic model, 678
multistage, model of sample reduction in mineral industries, 973
prediction of thermodynamic effects of de-veloped cavitation based on liquid-hydrogen and freon-114 data in scaled venturis, 1116

oblem solving, COMPUTE, t desk calculator program, 1130 Problem

Problems in philosophy (USSR periodical) : translations, 862 Problems in virology (USSR periodical) :

translations, 848

translations, 545 Probes, sensing probe, small combination, for measurement of temperature, pressure, and flow direction. 1062 Procurement, see Army-Government con-tracts-Government supplies-Maritime Administration-also names of commodi-tion prograd ties procured. Production :

capabilities of some Upper Rio Puerco soils of New Mexico, 682 indexes, 1963 census of manufactures, change sheet, 220

change sneet, 220 output, indexes per man-hour radio and television receiving sets industry, 889 procurement and production, manufactur-ing methods and technology, 5-year pro-

gram, 173

ion credit associations, Govern-capital, expedite retirement, hear-Production ment capital, expedite ret ing. 386 Productivity, see Production.

Products, see Commercial products.

Professional papers, Geological Survey. 745-752

Professional workers, international migra-tion of talent and skills, hearings, 487 Profiles, careers in U.S. Department of of Agriculture, 45

Profiles in quality education, 585 Profit sharing, income tax laws, and regula-

tions, 809

Program aid series, 51-55

Programmed computers, see Electronic computers

Programmed instruction, catalog of instruc-tional material, Navy, supplement, 1253 Programming (computers), see Electronic

computers.

Programming (planning): phased project planning guidelines, 11 planning-programming-budgeting system and foreign affairs, reflections, men 1154 memorandum, 473

interim observations, study, 472 specialists and generalists, selection of readings, 476

Project Apollo (man-in-space program): control of materials, procedures and prac-tices, GAO review, 722

lunar surface transmission loss for Apollo astronaut, 1129

Project Head Start : daily program, manual for teachers, 563 series. 563

rojectiles, soil-projectile system, applica-tion of similitude to model design, 1027 Projectiles,

Pronin, Dimitri, literature survey of Populus species with emphasis on P. tremuloides,

Propagation, fatigue cra cylindrical shells, 1018 crack propagation in

Propanes, development of propane hydrate desalting process, 801

deflected-sliptwin-propeller Propellers, stream STOL airplane model with bound-ary layer control on inverted V-tail, aero-dynamic characteristics, 1082

Property, see Real estate.

- Prospecting :
 - mineral, application of biogeochemistry survey, 1042
- prospecting for radioactive minerals, sup-plement to facts concerning uranium exploration and production, 940 Protective clothing, see Clothing. 940

Protective equipment, see Safety equipment and appliances.

time-sharing | Protective shelters :

fallout shelters-qualified analysts, supplement, 261 national directory,

supplement, 261 storage of shelter supplies, protective devices, 258 technical report, 265

Proteins, see Hydrolysis. Protocol, status of refu the President, 436 refugees, message from

Protons:

- acute somatic effects in primates, 82 proton-produced defects in n-type silicon, 1066
- MeV, elastic scattering, from nitrogen 14, oxygen 16, argon 40, nickel 58, and tin 116, 1138 hintry, Veterans Administration co-21

Psychiatry, Veterans Administration co-operative studies, conference highlights, 1486

1486 Psychology, cybernetic aspects of a set, USSR study, 842 see also Interest (psychology). Pterodrilus, see Annelids. Public affairs, see Public information. Public debt, Treasury Department circular,

1476

Public Documents Division : classified list of Government publications, 1325

price lists, 1326-29 Public facilities, municipal financing, hear-

Public facilities, municipal infancing, fear-ings, 344 Public health, see Henlth. Public Health Service: acts, as amended laws, compilation, 493 grants and awards, 1967 funds— construction of facilities, 1347 health services, formula, project, re-gional medical planning, etc., 1348 grants to States for public health services, 1336

1336
 provide sanitation facilities for Indians, public health laws, compilation, 493
 public advisory groups, authority, struc-ture, functions, 1343
 public health laws, compilation, 493
 public affairs handbook, the printed word, 564

safeguarding cla handbook, 626 Public lands : classified information, FAA

- management of fish and resident wildlife on Federal lands, by States, hearings, 461

⁴⁰¹ noxious weeds, control by State and local officials, authorize, hearings, 387 public land law development, history, 1359 Public law 480, see Agricultural trade de-velopment and assistance act of 1954.

Public laws, see Law.

Public schools, see Schools.

Public service, career for veterans in de-prived areas, special encouragement, hearing, 499

Public utilities, public utility holding com-pany act of 1935, regulations S-X, 1375 Public welfare :

agencies-

criteria and guidelines for evaluation of In-service training, 1385 staff development, administrative ap-proaches, 1384

State salary ranges of positions, 762

State salary ranges of positions, 762
Public works: public works and economic development act of 1965, administration of sec. 702, hearings, 416
river basin monetary authorizations, 1968, flood control, etc., hearings, 415
Public Works Committee, House: committee print 417

committee print, 417 hearings, 415-416 iblic Works Committee, Senate, hearings, Public 500-502

Do not order from index; see indicated entry

trust title to Indians, hearings, 451 Puerto Rico, mineral industry, minerals yearbook chapter, 965 Pulmonary diseases, research conference, transactions, 1487 Punch tools, selective cutting (e.g. punch-ing), classification definitions, 1291 Pungo National Wildlife Refuge, general in-formation 1495.

formation, 1425 Purchasing

consumer buying indicators, series, 246 leasing rather than purchasing land and buildings by Defense Dept. contractors, increased costs to Government, GAO

buildings by Defense Dept. contractors, increased costs to Government, GAO report. 711
Putnam, William F., investigation of dynam-ics stability characteristics of guad con-figuration, ducted-propeller V/STOL mod-el, longitudinal dynamics at high duct incidence, data report, 181
Putz, R. E., parasites of freshwater fishes, miscellaneous, anchor worm (Lernaea cyprinacea) and related species, 1410
Putzel, Henry, Jr., United States reports, cases adjudged in Supreme Court, 1458-59
Pyraidae, sec Moths.
Pyrites, reactivity of ammonium nitrate-fuel oil with pyrite-bearing ores, 975
Pyruates, responses, blochemical cycle functions, saturation-excursion diving, 922

0

Qualified areas, 560

Quality control: quality and reliability assurance, techni-cal reports, 557 zero defects, quest for quality, 557

Quarantine, see subjects.

R

abbits, processing plants, chemical com-pounds authorized for use under USDA inspection programs, lists, 508 Rabbits,

Raccoon State Forest, lands, deed to Ohio, hearings, 387 Race problems

housing conditions in urban poverty areas, 1315

path to integration, 583 what financial institutions are doing to meet investment and credit needs of ghettos, hearings, 460

Racks, Federal Item identification guide, 530 Radar tracking, electronic satellite ob tions, preprocessing procedures, 1011 observa-

Radiation :

blunt-body stagnation-region flow with nongray radiation heat transfer, singu-lar perturbation solution, 1148 irradiation, TRIGA pulse irradiation, op-tical absorption and fluorescence in fused silica during, 1015 pastourization, Guilf shollfah 100

radiation field in air due to distributed gamma-ray sources in ground, 186

analysis, 207 panalysis, 207 application, 268 planning, 266

planning, 200 radiative and convective heating during atmospheric entry, 1907 resolution changes in lithium-drifted sili-con semi-conductor detectors irradiated with 0.5, 1.0, 2.0, and 3.0 MeV elec-trons, 1118 see also Cosmic rays—Ionizing radiation— Shielding.

Shielding.

Radiation biology, see Radiobiology.

Publications, see names of departments, etc., issuing publications, also subjects.
 Pueblo de Taos Reservation, lands, grant trust title to Indians, hearings, 481
 Puerto Rico, mineral industry, minerals
 Radio, see Radio communication—also head-ings beginning Radio—also subjects.
 Radia tion detection instruments, patrol in-strument registration of primary cosmic radiation, USSR study, 853
 Radio, see Radio communication—also head-ings beginning Radio—also subjects.

Radio broadcasting, emergency broad system, basic plan, 260 see also Radio stations—also subjects. Radio communication: broadcast

laws of United States, compliation, 353 partial revision of radio regulations, Geneva 1959, with final protocol, report, 438 Radio frequencies :

adio frequencies: frequency-time broadcast services, WWV-Fort Collins, Colo., chronology, 1182 transmission characteristics, using abla-tion materials, 1102 adio operators, amateur, alien, agreement authorizing operation in U.S. and Barba-dos, 1450 adio stations, WWV-Fort Collins, Colo., frequency-time broadcast scoredow, 1180.

Radio

Radio dio stations, WWV-Fort Collins, Co frequency-time broadcast services, 1182

Radio telescopes, large low-frequency orbit-ing radio telescope, 1020 Radioactivation analysis, using fire assay for radiochemical separations, in determina-tion of gold in geological materials, 738 Radioactive substances, see names of radio-active minorebicates.

active minerals, etc.

Radioactivity

falloat. Health and Safety Laboratory pro-gram quarterly summary report, 187 appendix, 188 fallout sheiters— analysts, national directory, supplement, 284

technical report, 265

Radiobiology, radiobiological experiments on Cosmos-100 biosatellite, USSR study, 865

radiochemical separation, lon analysis using fire Radiochemistry, radi neutron-activation fire assay for determination of gold in geologic materials, 739 Radiographs, reference radiographs for steel welds, military standard, 544 Radiolsotopes, see Isotopes.

Radiology, diagnostic radiology, status of research, 1200 Radiology Training Committee, report on status of research, 1200

Radiometers, use in thermal studies of space-craft, 1136 Radios, see Receivers (radio).

Radiosondes: data, objective detection and correction of errors, 612 observations, Federal meteorological hand-

book, 307 Raff, R. A. V., grafting of organic polymers onto inorganic substances, 191

Rafters, trussed, longtime performance, ini-tial evaluation, 685

Rags, ngs, trade a maries, 1461 and tariff information, sum-

Railroad Adjustment Board, see National Railroad Adjustment Board.

Railroad employees, retirement annuities, amendatory legislation, problem areas, GAO report, 719

Rallroad Retirement Board, retirement an-nuitles, amendatory legislation, problem areas, GAO report, 719

Railroads :

823

carload waybill statistics, 1966-mileage block distribution, traffic and revenue by selected commodity classes, territorial movement and type of rate, 824

State-to-State distribution, traffic and revenue, 826

Page 152

Do not order from index; see indicated entry

carload waybill statistics, 1965, State-to-State distribution, traffic and revenue,

Railroads—Continued carload waybill statistics, 1966—con. tons of revenue freight originated and

terminated by States and commodity class, 825

traffic and revenue for all commodities, etc., 825 interstate commerce act, amend, hearings,

404, 462

schedule of annual indices for carriers, 830 shopcraft factfinding study, 881 TOFC contracts with freight forward-

ers, permit, amend interstate commerce act, hearings, 462 Ramey, James T., remarks, Nov. 14, 1968,

Ramps, loading, for cattle, farm building plan, 49
 Ramseyer rule print of foreign assistance act of 1968, 398
 Ranges (stoves), see Stoves. Late conferences and national interests, 640

Rats, see Rodents Reactions (physiological), see Physiological

reactions.

reactions. Reactivity, and interaction of acids, spectral characteristics, USSR study, 836 Reactor fuel elements, vented nuclear fuel elements for space power reactors, calcula-tion of fuel loss, 1128

Reactor fuels

- uranium used as feed for thermal power reactors, effect of uranium-236 and nep-tunium-237 on value of, 189 very-high-burnup vapor-transport fuel-pin concept for long-life nuclear reactors.
- 1085

Reactors (atomic)

eactors (atomic): built, being built or planned in U.S., 195 externally fueled thermionic reactor con-cept, uranium dloxide vent loss, 1134 nuclear, very-high-burnup vapor-transport fuel-pin concept for long-life, 1085 reactor radiation on 22-volt silicon voltage-regulator dlodes, effects, 1135 SM-1A, reactor pressure vessel following in-place annealing operation, notch, duc-tility properties, 1260 space power reactors, fuel loss from vented nuclear fuel calculation. 1128

- space power reactors, fuel loss from vented nuclear fuel calculation, 1128 thermal powered, effect of uranium-236 and neptunlum-237 on value of uranium used as feed, 189 TRIGA pulse irradiation, optical absorp-tion and fluorescence in fused silica dur-

ing, 1015 two-dimensional circulating-liquid-metal-fuel reactor, high-power kinetics, 1073 Reading, communicating by language, read-ing process, conference proceedings, 1188 estate : Real

and land, 1956-66, trends in value, 1317 living units, minimum property standards, interim revision, 637

Receivers (radio) : radio receiving sets industry, 1958-66, in-dexes of output per man-hour, 889

Reclamation Bureau:

employees, overpayments of salaries, re-llef, report, 450 safety requirements for construction by

contract, 1363 water from Central Valley project, nego-tlation of contracts for, GAO report, 717 Recordings, see Sound recordings.

Records

Arizona Superintendency of Indian Affairs, microcopy, pamphlet to accompany, 1167 divorce, where to write, 1358 family-farm, 35

Introduction of Fort Philip Kearney (or Fetterman) massacre, microcopy, pamphlet to accompany, 1169
 telegrams sent by Secretary of Treasury ("XA" series), microcopy, pamphlet to accompany, 1168

Records-Continued

see also names of departments, etc.---also subjects.

Recreation: outdoor-

education and outdoor recreation, 1274 Inyo National Forest, Calif., proposed recreation development at Trail Peak, 673

safety tips, 53 see also Boating.

see also Boating. Recreational areas and demonstration proj-ects, national recreation areas, seushores, lakeshores, parkways, scenle riverways of national park system, complation of ad-ministrative policies, 1216 Red Rock Lakes National Wildlife Refuge, mammals, list, 1419 Red Sea, lights and fog signals, lists, change, 1945

1245

Redevelopment (city planning, etc.) :

communities of tomorrow (address), 25 housing and urban development act 1968, compilation, with related do ments, 393 of related docu-

- ments, 393 looking back, and ahead, 779 psychological dynamics of inner-city prob-lems, seminar, 884 public works and economic development act of 1965, administration of sec. 702, hearings, 416 toward an urban land policy (remarks), 759

urban and regional development, etc. (address). 27

urban renewal

directory, 1371 handbook, 775-777 zoning controversies in suburbs, 3 case studies, 1316

Reentry into atmosphere, see Atmospheric

Reference radiographs for steel welds, 544 Reflectors, trip lights and reflectors, com-

Reflectors, trip parison, 980 Reformatories, model in-service training pro-

freez-

gram for correctional personnel, 871 Refrigerants, secondary refrigerant ing process, mathematical study, 798 Refrigerators, standard, converted to

ological incubator, 3

ological incubator, 3 Refugees, status, protocol, message from the President, 436 Refuges, see Wildlife refuges. Regeneration (biology): birch regeneration, stochastic model, 678 Regional educational laboratories, progress report, 586

Regulations, see subjects. Regulations, see subjects. and Wildlife Bureau, 1426 Rehabilitation of the alcoholic, report, 1368 Rehabilitation of the disabled:

rehabilitation service series, 1368

State salary ranges of positions, 762

pursuit veterans,

- terans, service-connected, pursuit of training on part-time basis, amend U.S. Code, hearing, 499 vocational
 - employment opportunities 1319 (remarks).
 - reporting individuals as rehabilitated. need to improve procedures, GAO re-port, 715

use of support personnel, training guide, 1369

Rehabilitation Services Administration, programs, 1370

Reinforcements, materials, high-strength, fabricated with composite structures, 182 Relation of signal light intensity to phys-lologic end points during "Gz accelera-

tion, 88

Relative annoyance and loudness judgments of various simulated sonic boom waveforms, 1016

Release devices, deep sea release mechanism technical memorandum, 614

Reliability (mechanical) : multistage probability model of sample re-duction in mineral industries, 973 practical reliability, parameter variations

- analysis, 998

Analysis, 998 reliability mensurement program, guide manual, 1271 statistical exposition, 1272 Relief work, Nigerian-Biafran relief situa-tion, hearing, 467 Renegotiation, see Government contracts. Renorming USES statistical typing test, 504 Rental housing, see Housing.

Repair parts :

- Repair parts: """" aeronautical, need for more competition in procurement of, Defense Dept., GAO report, 712
 savings attainable by preventing condemnation of economically repairable equipment, Air Force Department, GAO report, 723
 Reporters and reporting, official reporters, increase compensation for their expert transcribers, report, 377
 Reports, see names of departments, etc., issuing reports, also subjects.
 Requisitioning and issue procedures sup-

- requisitioning and issue procedures sup-
- plement, 553 Rescue work, fire protection program, opera-tional procedures, Air Force manual, 73 Research

postdoctoral associateships, 1969, tenable at National Bureau of Standards, 1177 research and development—

advances in education, 587 congressional concern, bibliography, 471 research in action, Department of State's Bureau of Intelligence and Research. 1437

study of fundus tracker for experiments in stabilized vision, 997

see also names of departments, etc., doing

research and development reports, Atomic Energy Commission, 185–196 Research Conference in Pulmonary Diseases,

transactions, 1487

Research notes. Forest Service, 674-682

Research papers, Forest Service. 683-699 **Research** reports :

Lake Surver, 003-904 Social Security Administration, 1396 seearch scientists, criteria for choosing. USSR study, 835 Research

Researcher (ocean survey ship): dedication (remarks), 314 Reserve Officers Training Corps, career_opportunities, everyt Air Force. career opportunities, ground up, 76 everything from

Residential construction, see Building,

Resistors, see Electric resistors

Resolution changes in lithium-drifted sili-con semiconductor detectors irradiated with 0.5, 1.0, 2.0, and 3.0 MeV electrons. 1118

Resolutions, see Law. Resonance, integrals of rhenium for wide range of sample sizes, 1142

Resource bulletins, Forest Service, 700-701 Resource publications (series), 1427-29 Resources, see Natural resources.

Respiratory acidosis, see Acidosis.

Response functions : human responses

in closed-loop tracking tasks, synthesis, 1074

to aerospace environment, compendium, 1024-20

response envelope global description of axis large-angle spacecraft attitud control systems, 1113 3 Retail trade, employment of full-time stu-dents at special minimum wages, regula-tions under fair labor standards act, 1490 see also Food—Salesmen and salesman-ship—also names of commodities and indicated.

industries,

Industries. Retirement, your social security, 1402 see also Civil service pensions. Revolving funds, Guam development fund, establish, report, 372 Rhenium, resonance integrals for wide range of sample sizes, 1142

Rhode Island, mineral industry, minerals

- yearbook chapter, 966 Rhodes, Marvin D., calorimetric, optical, and vibration investigations of stretchaluminum formed solar concentrators. 1108
- Ribonucleic acid, action of actinomycin 2703 on RNA metabolism of spinal motoneurons under conditions of hyperfunction, his-tochemical data, USSR study, 843 Riffes, M-16, procurement, additional, re-nort 457

port, 457

Bigdon, W. S., radiative and conve heating during atmospheric entry, Rigging, Army technical manual, 175 radiative and convective 1007

Rings

rubber O-rings, visual inspection guide, military standard, 541
wiping and sealing, Federal item identi-fication guide, 537
Rio Puerco, Upper, production capabilities of some soils, 682
Rio Sao Francisco Basin, Brazil, land and water resources recommission capacital

water resources, reconnaissance appraisal, 1366

lordan, John J., zero defects, quest for quality, 557 Riordan. Riots :

civil and criminal disorders, investigation.

bearings, 474–475 print additional copies, report, 440 surance legislation, 1968, compilation, with related documents, 393 Insurance

looting and burning, subversive influences, hearings, 425-426

Ritter, Dorothy, hardware retailing, 1379 Rivers :

flood control and basin monetary authori-zations, 1968, hearings, 415 ice jams, literature review, 904

RNA, see Ribonucleic acid.

Roads and highways :

highway condemnation law and litigation, State by State summary of cases re-ported, 1946-61, lists, 1360

design and operating practices, handbook, 633 onal conference AASHO committee,

national proceedings, 1361 coads, airbases and heliports in theater

of operations, planning and design, 174

Robert, see Pillage. Robert S. Kerr Lock and Dam, Arkansas River, navigation conditions, hydraulic model investigation, 605

Roberts, Jean, hearing status and ear examination, findings among adults, 1354 obertson, Harry F., mineral industry of

Robertson, Puerto Rico, Panama Canal Zone, Virgin Islands, Pacific Island Possessions, a Trust Territory of Pacific Islands, 965 and

Robertson, J. L., remarks, Oct. 21, 1968, 657 Rochino, Aveilno P., analytical investiga-tion of incompressible turbulent swirling

flow in pipes, 1006

Rochman, Joan E., trends in graduate en-rollment and Ph. D. output in scientific fields 1960-61 through 1965-66, 1109

Page 154

Rockets:

meteorological radiation shield, rocket

- entry length, 1019 turn V-launch-platform-umblical-tower configuration vibrational analysis of 1/40-scale dynamic model, 1094 Saturn
- Saturn V-launch-umblical-tower configura-tion, experimental vibration character-istics of 1/40-scale dynamic model,
- Rocks, see Sedimentary rocks.

- Rocks, see Sedimentary rocks.
 Rodents, effects of rate of delivery of ionizing radiation on LD 50/30 values, 91
 Rods, dielectric, immersed in plasma, electromagnetic waves on, analysis, 1089
 Rogge, James D., relation of signal light intensity to physiologic end points during + Gs acceleration, 88
 Rom, Frank E., high-burnup vapor-transport fuel-pin concept for long-life nuclear reactors, 1085 actors, 1085

actors, 1085 Romania, see Rumania. Roosevelt, Franklin Delano, Postal Station, New York, N.Y., see Franklin Delano Roosevelt Postal Station, New York, N.Y. Rosebud, Tex., post office dedication (re-marks), 1308 Roosfeld, A. E., remarks, Nov. 7, 1968, 764 ROTC, see Reserve Officers Training Corps, Alt Force

- ROTC, see 1 Air Force.
- Rotors, rigid, on flexible foundations, criti-cal-speed analysis, 1084 Roth, Emmanuel M., compendium of human
- aerospace environment, responses to
- responses to herospace 1024-26 Roth, William V., jr., listing of operating federal assistance programs, 370 Rowe, J. J., determination of gold in geologic materials by neutron activation analysis using fire assay for radiochemical sepa-ration, 739 Rowland, J. A., copper, 935 Roy, Rob, adaptive simulation using mode identification, 1009 Royal, T. M., investigation of thin film Royan partial pressure sensors, 1010

- identification, 1009 Royal, T. M., Investigation of thin film oxygen partial pressure sensors, 1010 Rubber, O-rings, visual inspection guide for, military standard, 541 Rubenstein, Lester S., effect of size on ten-sile strength of fine polycrystalline nickel wires, 1104 Rubinstein, D., statistical exposition of guide manual for reliability measurement program, 1272 Rues Wilton, Brussels, velvet and tapestry
- program, 1212 Rugs, Wilton, Brussels, velvet and tapestry carpets and rugs, Tariff Commission re-port, 1472 Rules, see names of courts, commissions, etc., issuing rules—also subjects.
- Rules and Administration Committee, Sen-ate, reports, 440-441, 443-444, 447 ate, reports, 440-441, 443-444, 44 Rules Committee, House, report, 375
- Rumania
- Hungarians in Rumania, bibliographical list, print as House document, report, 381
- plant quarantine import requirements, 17
- Rummler, Donald R., mechanical properties and column behavior of thin-wall beryl-lium tubing, 1069

Runge-Kutta method, see Equations.

- ral communities, creation of job oppor-tunities through industrialization and conservation of our resources (remarks), Rural and 60
- Rural electricity, see Electricity
- Rural redevelopment, economic situation of southwestern North Carolina renewal area, 569
- Ruskin, Robert E., measurement of atmos-pheric dewpoint from aircraft, 1262 Russell, Harold, remarks, Oct. 25, 1968, 1319 Ryan, J. Patrick: gold, 937

silver, 984

Ryan, Patrick E., generalized experimental investigation of hot gas recirculation and ingestion for jet VTOL alteraft, 1003 Rytkonen, Aili, Finnish graded reader, 1441

S

Sach, Milton S., desalting plants inventory report, 795 Sacks, see Bags. Safety at sea, see Safety of life. Safety equipment and appliances, protective

clothing and equipment, Army pamphlet, 167

Safety of life

- chemistry for safety man, 886 Const Guard Auxiliary courtesy examina-tion decal, make this part of your boat, 300
- construction by contract, Reclamation Bureau safety standards, 1363 construction safety impact of model cities program (remarks), 778 electrical shock hazards, control, 885 blackmark cafety construction
- highway safety-
- nignway salely-estimate of cost of carrying out provi-sions under act of 1966, 417 design and operating practices, hand-book, 633 industrial safety, environmental and debruined barged covide 286

- book, 633 industrial safety, environmental and chemical hazards series, 886 life safety from fire, guide for housing the elderly, 785 mine safety, Federal coal mine health and safety act of 1968, recommendations, 205
- 365
- outdoor safety tips, 53 safety standards, status, 888 shipbuilding regulations, 887

- shifty status, soo
 shifty status, soo
 shifty directions:
 Bay of Biscay, change, 1240
 England, south coast, changes, 1239
 Kattegat and The Sound, change, 1241
 Malacca Strait and Sumatra, change, 1242
 New Zealand, change, 1243
 Newfoundland, change, 1243
 Newfoundland, change, 1244
 St. Lawrence River and Valley, surface water basin, records to Sept. 30, 1967, Index, 737
 St. Louis, Mo., National Commission on Urban Problems, hearings, 1312
 St. Marks, Fla.:
 Gulf Intracoastal Waterway, St. Marks to Tampa Bay, engineers report—departmental edition, 366
 Salarles:

- Salarles:
 active duty compensation, modernizing military pay, quadrennial review of mili-tary compensation, report, 555
 expert transcribers to official reports, in-crease compensation, report, 377
 overpayments to certain employees of Reclamation Bureau, relief, report, 450
 State, salary ranges of positions in em-ployment security, etc., 762
 Sales, water and sewer bonds, 665
 see also names of commodities, etc.
 Salesmen and salesmanship, training retail salespople, bibliography, 1378
 Salit, water-salt metabolism during space-flight, 854
 Salits, molten, electrical conductance den-

- Salts, molten, electrical conductance, den-sity, and viscosity, data, 1176 Salvage, publications in salvage archeology,
- 1381

- 1331 Sampling see names of substances or ob-jects sampled. San Andres National Wildlife Refuge : general information, 1415 historical notes, 1421 San Antonio, Tex., area wage survey, 891 Sandburg, Carl, Home National Historic Site, see Carl Sandburg Home National Historic Site.

Sanitary engineers, conference, 1968, report of proceedings and 1968-69 committee programs, 1331 Sanitation :

facilities for Indian homes, communities, etc., PHS to provide public health laws, compilation, 493

San Luis Oblispo County, Calif. Adelaida quadrangle, Middle Miocene foraminifera and stratigraphic relations, 794 734

 102
 103
 geology, Tierra Redonda Mountain and Bradley quadrangles, 732
 an Miguel County, Colo., geologic investi-gations in Slick Rock district (series), 747 San Satellites:

Cosmos-110-biosatellite, radiobiological ex-periments on, USSR study, 865 electronic observations, preprocessing pro-

electronic observations, preprocessing pro-cedures, 1011 meteorological data, ESSA 1 television cloud photography, catalog, 617 satellite view of Typhoon Marie 1966 de-velopment, 1054 Saturn (rocket), see Rockets. Saudi Arabia, economic trends and their im-plications for United States, 818 Savings accounts, see Banks and banking

Savings accounts, see Banks and banking.

Savings and loan associations, see Federal Savings and Loan Insurance Corporation. Saylor, James H., currents at Harbor Beach, Mich., 903 SBA, see Small Business Administration.

Scattering, topics in electron scattering and nuclear models, notes on lectures at NRL. 1264

Schaefer, Karl E.:

saturation-excursion diving, biochemical cycle functions in lactic dehydrogenase, lactate, and pyruvate responses, 922 stress response in chronic hypercapnia,

919

Schermer, George, more than shelter, social needs in low and moderate-income housing, 1314

hmitt, Marshall L., planning and design-ing functional facilities for industrial arts Schmitt. education, 584

Schnellbacher, E. E. :

speeches-Oct. 7, 1968, 820 Oct. 8, 1968, 819 Schnittker, John A.: addresses, etc.— Aug. 1, 1968, 27 Sept. 26, 1968, 61

School attendance, a day in the life, 1310 School of Aerospace Medicine : aeromedical reviews, 80–81 technical reports, 82–105

Schools :

with Philippines, 1448 -campus study construction, agreement

with Philippines, 1448 off-campus study centers for Federal em-ployees, 290 public, participation and partnership (re-marks), 582 Schuerch, Hans U.: certain physical properties and applica-tions of nitinol, 1033 large low-frequency orbiting radio tale.

low-frequency orbiting radio telelarge

Schuller, Frederick T., experiments of sta-bility of water lubricated herring-bone-groove journal bearings, theoretical con-siderations and clearance effects, 1103 Science :

activities at universities and colleges, 1964 financing and Jan. 1965 employment, 1234

advancement of science through national program of institutional grants to col-leges and universities, hearings, 419

Science-Continued

careers, examination announcement, 276

Coast and Geodetic Survey, science and engineering presentations, digest. 295 engineering presentations, digest. 295 four horsemen of progress (remarks), 198 graduate enrollment and Ph.D output in

graduate scientific fields, 1960-61 through 1965-

scientific netus, 1960-61 through 1963-66 trends, 1199 pollution abatement, congressional white paper, 418 toward new scientific area (remarks), 208 USSR-

scientific activities and organizations, news, 867

youth experiments, 844

see also names of sciences. Science and Astronautics Committee, House : committee prints, 418, 420–422 hearings, 419

Scientific apparatus and instruments, glass tube apparatus for large-scale culture of chlorella, USSR study, 833 Scientific research

scientific research : research and development in industry, 1966, final report, 1233 work, improved use of time needed, USSR study, 846 Scientists:

Air Force, scientific and technical officers,

improvement of procurement, utiliza-tion, and retention of high quality, 79 education, through national program of institutional grants to colleges and uni-versities, hearings, 419 see also Research scientists.

SCS, see Soil Conservation Service.

Scudder, Hubert B., memorial services, print as House document, report, 382 SDR (Special Drawing Rights), see International Monetary Fund.

Sea, see Ocean.

a urchins, echinoids from Middle Eocene Lake City formation of Georgia, 1383 Sea Sea water :

a water: density, density-gradient column as tool for measuring, 1268 desalting by freezing, 803 temperature and density, Atlantic Coast, North and South America, 296 ea water batteries, see Electric batteries.

Sea

Seaborg, Glenn T. : aborg, Gienn remarks-Oct. 18, 1968, 202 Oct. 30, 1968, 203 Nov. 15, 1968, 208 Nov. 25, 1968, 208 Dec. 1, 1968, 204 Dec. 4, 1968, 199

Seals and als and glands, gaskets, packings, and seals, Federal item identification guide,

Secondary condary education, elementary and sec-ondary education act, title 1. profiles in quality education, 150 outstanding, ESEA. education, projects, 585

Securities: act of 1933, regulations S-X, 1375 foreign, interest equalization tax act, ex-

summary, 464 Treasury Department recommendations, summary, 465 Securities and Exchange Commission : companies filing annual reports, directory,

1374

laws relating to, compilation, 349

Securities exchanges : act of 1934-

companies filing annual reports, direc-tory, 1374 regulations S-X, 1375 see also Stock exchanges.

Security, see National security. Sedimentary rocks, Slick Rock district, San Miguel and Dolores Counties, Colo., strati-graphy, 747

Page 156

Seedlings, see names of plants or trees. Seismology, seismic effects of sonic booms,

- 1000 Self employment, see Employment. Self-synchronizing bi-orthogonal coded PCM telemetry system, 1146 Sellers, Walter M., citrate mannitol agar medium for separating Escherichia coli paracolons from Shigella, 83

- paracolons from Shigella, 83 Semiconductors: carrier lifetime, measurement, annotated bibliography, 1181 lithium-drifted silicon semiconductors detectors, resolution changes, 1118 Seminar on Manpower, Policy, and Pro-gram, proceedings, 882 Senate documents, 433-435 Senate executive documents, 436 Senate executive reports, 437-438 Senate reports, public bills, 439-454 Senet exet National Wildlife Refuge, designate certain lands as wilderness, hearing, 479 Sensors: Sensors:

- Sensors: entry length for rocket meteorological ra-diation shield, 1019 thin film oxygen partial pressure, investi-gation, 1010
 Senter, Paul K., design for optimum wave conditions Crescent City Harbor, Crescent City, Calif., 606
 Separators, centrifugal-bowl, classification definitions 1290
- definitions, 1290
- Serials
- catalog of copyright entries. 516 new scrial titles, union list, 3d edition, 1966-67 cumulation, 909 nuclear science abstracts, titles cited, list,
- Service establishments, employment of full-time students at special minimum wages, regulations under fair labor standards act, 1490
- Service records, see Military records.
- Servicemen, see Armed Forces. Severing by tearing or breaking, classifica-tion definitions, 1288 Sewage :
 - disposal facilities for Indian homes, etc., PHS to supply, public health laws, com-pilation, 493
- sewer bond sales, 665 Shaffer, Jay C., revision of Peorlinne and Anerastilinae (auctorum) of America north of Mexico, 1203
- Shawe, Daniel R., stratigraphy of Slick Rock district and vicinity, San Miguel and Do-lores Counties, Colo., 747

Shear (mechanics): shear-stress functions in equilibrium dissociated air, approximate relations for laminar heat transfer, errata, 1049

Shellfish :

Florida landings, 318 radiation pasteurization, summary report, 190 Shells (structural):

- buckling of equatorial segment of spheri-cal shell loaded by its own weight, 1133 cylindrical, fatigue crack propagation, 1018
- spherical, prestressed segmented, geometric properties, 1032
- Shelters (protective), see Protective shelters, Shepherd,
- lepherd, L. J., relative annoyance and loudness judgments of various simulated sonic boom waveforms, 1016 lerburne National Wildlife Refuge, birds. Sherburne
- list, 1418 Shielding: radiation shielding for architects, funda-
- mentals

 - analysis, 267 application, 268 planning, 266 rocket meteorological radiation shield, entry length, 1019

Shields, William R., Analytical Mass Spec-trometry Section, summary of activities, 1179

Shields :

blast shields testing, 1112 shadow

shadow— shield in vacuum, thermal analysis, 1099 thermal protection of cryogenic tanks in space, experimental studies, 1106 Shigella, Citrate Mannitol Agar medium for separating Escherichia coli paracolon from Shigella, 83

Shigelia, 83 Shiller, William R., head positioning for Panorex-X-ray machine, 928 Ship Structure Committee, serial no. SSC,

- Ship S 1376
- Shipbuilding:

Supporting : index of estimated shipbuilding costs in United States, 914 safety and health regulations, 887 Shipments, manufactures, inventories, and orders, 248

- - see also names of articles shipped.
- Shipping :
 - containerization (remarks), 639 future of maritime industry (remarks), 915

Ships:

- Ships:
 merchant vessels, equipment Coast Guard approved lists, 299
 trust agreements and other evidences of equipment indebtedness, recording, hearing, 404
 vessels activated for use in southeast Asia, need to improve procurement procedures for outiliting, Maritime Administration, GAO report, 716
 Shock (biological), see Electric shock.
 Shock (mechanical):
 effects of angle of attack and bluntness on shock-layer properties of 15° cone at Mach number of 10.6, 1124
 Short and long of it (remarks), 1480

- Short and long of it (remarks), 1480
- Shrimp, landings, 319
- Shrubs, Cape Perpetua area, Siuslaw Na-tional Forest, 702 Siam, see Thailand.

- Shim, etc. Initial Sperimental Forest, flora and vegetation, 696 Sierra Cuchillo Mountains, northern, Socorro County, N. Mex., mineral deposits, geo-chemical evidence, 740
- Sierra Nevada, crest, needle miner i tions in lodgepole pine east of, 681 infesta-
- Sight Sight: stabilized vision, fundus tracker for experiments in, research study, 997 underwater distortions of visual stimuli, responses to, 927 vision testing and correcting, classification definitions, 1297 volunteers with vision, 912 see also Color perception.
 Signal lights, see Lights and lighting.
 Signs, international distinctive signs and

- Signs, international distinctive signs and emblems, military standard, 550 Silica, fused, optical absorption and fluores-cence during TRIGA pulse irradiation, 1015

Silicon

- lithium-drifted, semiconductor detectors irradiated, resolution changes, 111 n-type, proton-produced defects, 1066 1118
- Silos, braced wall, farm building plan, 46
- Silver :
 - anomalous concentrations in Mill Canyon area, Cortez Quandrangle, Eureka and Lander Counties, Nev., 743 minerals yearbook chapter, 984
- Similitude, 800 Transformations (mathematics).
- Simmons, George C., geology and mineral re-sources of Barao de Cocais area, Minas Gerais, Brazil, 745

Do not order from index; see indicated entry

Simons, M trol, 29 M. D., oat diseases and their con- SNAP (systems for nuclear auxiliary power), Simpson, William T.: effect of restrained swelling on wood moisture content, 676 effect of transverse compressive stress on loss of wood moisture, 677 Snow : Simulation : adaptive, using mode identification, 1009 analysis of numerical integration tech-niques for real-time digital flight simula-tion, 1117 decompression sickness in simulated space Social security : flight, treatment, 85 performance of non-jet experienced pilots versus simulation fidelity, 1255 simulated orbital flight, decompression stress, 93 benefits simulating management of even-aged timneed, how to estimate amount, 1404 farmers, self-employed, getting social security credit, 1401 programs in United States, 1398 special information for people who receive credit time 1400 ber stands, 697 Simulators, see Flight simulators Site indexes, curves, constructing from measurements of tree age and height, and its application to inland Douglas fir, method, 690
Siuslaw National Forest, Cape Perpetual area, woody trees and shrubs, 702
Skilled workers, see Labor.
Skilner, F. C., farriery, classification defi-nitions, 1283 for doctors, 1399 your earnings record, 1403 your social security, 1402 Social Security Administration : actuarial notes, 1386-87 research reports, 1396 Social work and problems : social needs in low and moderate-income housing, report, 1314 social welfare expenditures under public programs in United States, 1396 working with the disadvantaged, 55 Social workers support personnel use in vocational rehabilitation field, training guide, 1369 nitions, 1283 Skyline logging, see Lumbering. Slash, see Forests and forestry. Slick Rock District, Colo, : geologic investigations in San Miguel and Dolores Counties, Colo. (series), 747 San Miguel and Dolores Counties, stratigraphy, 747 Sildefilms, see Filmslides. Slip laws, see Law. Slipstream, see Propellers. Surries, slurry explosives for use in poten-tially flammable gas atmospheres, develvocational rehabilitation field, training guide, 1369 Socialist unity against imperialist strategy urged, USSR, 845 Society, packaging's effect on, Government view (address), 215 Socorro County, N. Mex.: geology of Mockingbird Gap quadrangle, 749 opment, 977 SM-1A reactor, see Reactors (atomic). Small arms, see Firearms. Small business, see Business Small Business Administration : and investment act with amendments, compilation 354 disaster loans to restore or replace busi-nesses and homes, 1377 749 Cuchillo, mineral deposits, geochemical evidence, 740 Sodium, Cb-IZr pumped sodium loop, 999 Soli conservation, districts, status of or-ganization, by States, etc., 1406 Small Business, Select Committee on, House, hearings, 423 Select Committee on, Sen-Small Business, Small Business, Selec ate, report, 454 Smith, C. R. : addresses, etc.— Oct. 12, 1968, 314 Oct. 18, 1968, 315 Oct. 18, 1968, 315 Nov. 1, 1968, 316 Soll Conservation Service, technical publica-tion, TP series, 1407 Soll erosion, suburban erosion, 58 Soils : 850 Smith, Harvey H., area handbook, Thailand, 169 981 Smith, Patsy B., Middle Miocene foraminif-era and stratigraphic relations in Ade-laida quadrangle, San Luis Obispo County, Calif., 734 Smithsonian contributions to anthropology. 1382Smithsonian Institution : Woodrow Wilson International Center for Scholars, establish-Sokolowski, nism, 614 law, 343 report, 443 Smithsonian miscellaneous collection, 1383 Smoke, stacks, various atmospheric phe-nomena and related aspects, 1349 Smoot, George F., calibration and mainte-nance of vertical-axis type current meters, 750 753

Snake River and Valley, catastrophic late Pleistocene Bonneville flood in Snake River Plain, Idaho, 750

Snake venom, see Venom.

see Atomic auxiliary power generator. Snleszko, S. F., freshwater fish diseases caused by bacteria belonging to genera Aeromonas and Pseudomonas, 1409

Federal-State-private cooperative surveys, Montana, 1408

snow pillow records, 1968 water year, 1408 Social scientists, professional opportunities, examination announcement, 291

beneficiaries, who reach 100, 1388

disability rights and responsibilities of recipients, 1397 how you earn them, how much credit you

each thos 1400 survey of disabled, reports, 1392-95 what social security disability program means to you and your patients, answers for doctors, 1399

Monticello Box area, northern Sierra

bacterial endotoxins and plague, USSR,

humus, coal-derived, plant growth effects,

production capabilities of some Upper Rio Puerco soils of New Mexico, 682

pumice, of central Oregon, can thinning slash cause nitrogen deficiency ? 680 soil-projectile system, ap similitude to model design, application ign, 1027 of

soll sealing chemicals and techniques, 805

T. J., deep sea release mecha-

Solar concentrator, stretch-formed aluminum solar concentrators, calorimetric, optical. and vibration investigations, 1108 Solar energy, solar Brayton heat receiver,

transient solidification outside cooled pipe with application to, 1114

Soldiers, volunteer, who served from 1784-1811, compiled service records, index, mi-

erocopy, pamphlet accompanying, 1163 Solicitor, Treasury Dept., records, preliminary inventory, 1172

Page 158

- Solidification, transient, outside cooled pipe with application to solar Brayton heat receiver, 1114

- ceiver, 1114 Solids, micromorphic elastic solids, compati-bility conditions of theory, 1034 Solubility, of tooth enamel during, FBM patrol, in vivo assessment, 923 Solutions, aqueous solution, rate of decom-position determined by NMR techniques, 1967A 1267A

Solvents, stability and recovery in solvent extraction desalination, 800 Somali, Republic capsule facts for Armed

Forces, 113 Sonic boom :

- seismic effects, 1000
- seismic electis, 1000 signatures in stratified atmosphere, de-velopment, 1109 supersonic flow field about axisymmetric body with N wave pressure trace, esti-mate, 1141
- aveforms, various simulat annoyance and loudness waveforms. simulated, relative judgments, 1016
- 1016 Sonin, Ain A., hydrodynamic theory of de-salination of electrodialysis, 802 Sound, loudness judgments and relative annoyance of various simulated sonic boom waveforms, 1016 Sound, The, see Oresund. Sound recordings, recordings, etc., trade and tariff information, summaries, 1465 South Africa:
- South Africa :
- agricultural trade, 1970 and 1975 projec-
- tions, 572 uth West
- tions, 572 South West Africa, mineral industry, minerals yearbook chapter, 968 South America, Atlantic Coast, surface wa-ter temperature and density, 296 South Carolina, mineral industry, minerals yearbook chapter, 967 South Carolina State Commission of For-courts lands commit discosal hearing 987
- South Carolina State Commission of For-estry, lands, permit disposal, hearings, 387 South Dakota, Federal waterfowl production areas, guide, 1435 South Vietnam, see Vietnam. South West Africa, see South Africa. Southeast Asla, see Asla. Southern pine, see Pine. Southern Utilization Research and Develop-ment Division, publications and patents, semiannual list, 19 SP series, see FMC SP series—NASA SP series.

- series.
- Space, see Outer space. Space environment, see Environment. Space flight, see Astronautics.
- Space navigation, see Navigation.
- Space sciences, space science and applica-tions, 1968, objectives and goals, 1039
- Space stations, on the way to orbital stations in space, USSR, 866
- Space technology, space technology transfer and developing nations, 1031
- Space vehicles, see Spacecraft.
- multiprocessing, study, Spaceborne technical description, 1005
- Spacecraft :
 - Apollo, launch-escape vehicle configura-tions, transonic aerodynamic characteristics of powered models, 1075
 - Asteroid/Jupiter missions, space flight in-vestigations, opportunities for participation, 1150
 - atmospheric limits on observational capa-bilities of aerospacecraft, 1144 attitude control, three-axis large-angle,
 - systems, response envelope, global description, 1113
 - rth oriented applications in advanced applications flight experiments, oppor-tunities for participation, 1153 earth
 - heat-transfer and pressure distribution in-side hinge-line gap of wedge-flap combination, 1126

Spacecraft-Continued

lateral vibration of characteristics of 1/40-scale dynamic model of Apollo-Saturn launch vehicle, 1095

- launch vehicles
 - computing program for axial distribu-tion of aerodynamic normal-force tion of aerodynamic not characteristics, errata, 1048
- experimental unguided, analysis aeroelastic divergence, 1077 microbiological examination of s
- RDace hardware, NASA standard procedures.
- NASA space vehicle design criteria, en-vironment, 1044 radiometer for use in thermal studies,

1136 Saturn V

- launch-platform-umbilical-tower, con analysis of
- figuration, vibration analysis 1/40-scale dynamic model, 1094 launch-umbilical-tower, experimen bration characteristics of experiment 37 1 . 1/40-
- dynamic model, 1093 scientific airborne missions to investigate
- airglow and auroral phenomena, oppor-tunities for participation, 1151 ace vehicle design and operations, space
- ace vehicle design and operations, jimsphere wind profiles as related to, study, 1023
- Spanish language, grammar for border patrol officers, 787 Spanish West Africa, Algeria-Spanish
- Spanish West Africa, Algeria-Spanish Sahara boundary, study, 1445 Spare parts, see Repair parts. Spears, Joseph F., golden nematode hand-book, 30 Special Drawing Rights, see International

- Special Drawing Rights, see International Monetary fund. Specialists, and generalists in Government, selection of readings, 476 Specific gravity, Maine conifers, survey, 686 Specifications, see Government supplies.
- Spectra :
 - excitation citation spectrum for bose gas with repulsive and attractive interactions, 1072
 - icrowave spectral tables, polyatomic molecules without internal rotation, microwave 1173

spectral characteristics, reactivity and in-teraction of acids, USSR study, 836 Spectrometers, gamma, simultaneous deter-mination of "Fe, 6"Cr, and 1551 isotopes, 89

Speed, see Air speed.

Spinal nerves, see Nerves.

- Spoons, trade and tariff information, sum-maries, 1464
- Sport Fisheries and Wildlife Bureau : refuge leaflets, 1413–25 regulatory announcements, 1426

- resources publications (series), 1427–29 Squaw Creek National Wildlife Refu mammals, list, 1420 SSI series, 1399–1404 Refuge,

- Stability, tests of water lubricated herring-bone-groove journal bearings, experiments on theoretical considerations and clear-ance effects, 1103
- Stability of aircraft, dynamic, quad config-uration, ducted-propeller V/STOL model, characteristics, 181
- n, Forrest L., entry leng meteorological radiation Staffanson, Forrest length for rocket shield. 1019

Stagnation point :

- blunt-body stagnation-region flow with nongray radiation heat transfer, sin-gular perturbation solution, 1148 empirical, heat-transfer relation in several
- gas mixtures at high enthapy levels, 1058
- Stagner, Ross, psychological dynamics of in-ner-city problems, 884

Stainless steel, double-containment tantalum- | and stainless steel mereury boller for SNAP-8, design-point performance, 1137 Stamper, John W., titanium, 988

Standard plans for highway bridges, 1362 Standards and standardization :

- criteria for choosing research scientists, USSR study, 835 Defense Department, cataloging and stand-
- ardization program, semiannual report, 391 A

Federal standards, 659 military standards, 540-551 MILSCAP, military stand MILSCAP, military standau administration procedures, system, over-view, etc., 552 see also subjects. standard contract DoD data

State Department :

background notes, 1436 department and foreign service series. 1437

Film Library discussion guides, 1438 planning-programming-budgeting system and foreign affairs, reflections, memoand foreign randum, 473

records. microcopy, pamphlet to accompany, internal affairs of-Argentina, 1161

Austria-Hungary and Austria, 1164 State programs, cost estimates, report, 417

States

and local governments, financing industrial development, 565 brucellosis eradication activities, 11 Federal grants—

Prederal grants— highway safety act of 1966, programs, cost estimates, report, 417 public health services, 1336 highway condemnation law and litiga-tion, statistical summary by States of cases reported, 1946-61, lists, 1360 management of fish and resident wild-life on Federal lands, hearings, 461 merit systems, directory, 758 payments to local governments, 219 salary ranges of positions in employment security, etc., 762 soil and water conservation districts, status of organization, etc., 1406 sources of milk for Federal order markets, 505 505

Statistics :

statistical exposition of guide manual fr reliability measurement program, 1272 statistics for dynamic Federal syste (address), 317 see also subjects. for system

Status of safety standards, 888

Statutes, see Law.

Steel:

ceei: constructional steels, welding procedures for, military standard, 546 forgings, current industrial reports, 226 imports, expansion, problems caused in domestic industry, study, print as Senate document, report, 444 wingerie respect chapter 942

Senate document, report, 444 minerals yearook chapter, 942 notched and welded plates, effect of re-peated loads on low temperature frac-ture behavior of, 1376 welds, reference radiographs, military

standard 544

see also names of manufactured articles.

see also names of manufactured articles. Steeves, Earl C., lateral vibration charac-teristics of 1/40-scale dynamic model of Apollo-Saturn V launch vehicle, 1095 Stelzer, Milton J., Great Basin tent cater-pular life bleaver meading diverges and

pillar, life histo defoliation, 695 life history, parasites, disease, and

Sternitzke. forests, 701 Herbert S., east Oklahoma

Stickle, Joseph W., flight tests of direct lift control system during approach and landing, 1080

Stinson, Thomas F., financing industrial development through State and local governments, 565 Stochastic

Stochastic processes, see Probabilities (mathematics). Stock, John A., mineral industry of New Zealand, 961

Stock exchanges, laws relating to, compila-tion. 349

Stockpiling, see Strategic materials. Stocks, bonus plans, income tax, laws and regulations, 809

Stoddart, David R., ecology of Aldabra Atoll, Indian Ocean, 1380 STOL (short takeoff and landing), see Air-craft—Airplanes.

Stomatopods, see Crustaceans.

Stone :

dimension stone, current states and changes, 938 minerals yearbook chapter, 986 stone working, classification definitions, 1278

Storage

protective, devices for storage of shelter supplies, 258

supplies, 238 weapon packaging, handling, storage and transportation preparation, performance and compatibility requirements, military standard, 549 orage hatteries, lead acid cells, plate

Storage materials, 1269 Stores:

Government Printing Office bookstores, in-formation, 1324

retail-

drug and proprietary stores and hours, 894 food stores, grocery stores, earnings and hours, 893 hardware, bibliography, 1379 proprietary stores, earnings

stores, employee

Storms. Atlantic, tropical,

climatology. errata, 616 and oil burning, Fed-

Stoves, electric, gas, and oll burning, eral item identification guide, 535 Strain (mechanical), see Strains and

stresses.

- Strains and stresses : bending of high strength reinforcing bars, literature review and survey of problem.
 - buckling of equatorial segment of spheri-cal shell loaded by its own weight, 1133 composite structures fabricated with high-

Composite structures fabricated with high-strength, high-modulus reinforcement materials, 182
effect of repeated loads on low tempera-ture fracture behavior of notched and welded plates, 1876
effect of transverse compressive stress on loss of wood moisture, 677
fatigue crack propagation in cylindrical abelis, 1018

tatigue crack propagation in cylindrical shells, 1018 fatigue life of 120-mm bore ball bearings at 600° F with fluorocarbon, polyphenyl ether, and synthetic paraffinic base lubricants, 1079

stress analysis of single barrel conduits by Beggs deformeter, 1364

stresses and displacements induced in rock by tunnel boring machine props, 979

tensile strength of fine polycrystalline nickel wires, effect of size on, 1104 see also Shear (mechanics).

Strategic materials, stockpile report, 592

Stratigraphy :

Middle Miccene foraminifera and strati-graphic relations in Adelaida quad-rangle, San Luis Obispo County, Calif. 734

734 Slick Rock district, San Miguel and Dolores Counties, Colo., 747 rength of materials, bending of high strength reinforcing bars, literature re-Strength of materials, bending strength reinforcing bars, liter view and survey of problems, 600

Page 160

Stress (physiology) :

- decompression stress in simulated orbital flight, 93 nitrogen and helium as factors affecting de-
- compression stress severity, 98 ress response in chronic hypercapnia,
- 919

(mechanical), see Strains and Stresses stresses.

- Strong, Guy M., measuring iron metabolism in hematopoletic centers using iron-59 in presence of chromium-51 and iodine-125, 104
- Raymond B., mineral industry Stroud. Arkansas, 946
- R., Struble. George needle miner infestations in lodgepole pine east of Sierra crest,
- Structural steel, see Steel.
- Students
 - tudents: graduate enrollment and Ph.D output in scientific fields 1960-61 through 1965-66 trends, 1199 handicapped, mobility for, 1367 loans, health professions program, guide to repayment, deferment, cancellation,

 - 1201

- 1201 Submarine boats: escape, thermal evaluation of polyvinyl-chloride exposure suit (Empress) and comparison with present submarine deck exposure suit, 020 taste thresholds to bitter compounds dur-ing submarine patrol, 924 Submarine clothing, see Clothing.

- Submarine crews :
- Submarine crews: FBM crew members dietary habits and re-lated factors, 025 fungal flora of submarine environment dur-ing prolonged submergence, 021 Submarines, see Submarine boats. Subsonic aircraft, see Aircraft. Suburbanites, publications, list, 790 Suburbs:

- Suburbs :

suburban erosion, 58

- suburban erosion, 58 zoning controversies, 3 case studies, 1316 Sucrose, see Sugar. Sudan, Nile Basin, agricultural development and expansion, 574 Sugar, nonenzymatic browning in model sys-
- tems containing sucrose, 92 Sulfonates, water surfactant, report of study,

- Sulfuric acid, current industrial reports, 238 Sumatra, salling directions, change, 1242 Summer jobs in Federal agencies, 292 Summitt, James K., dietary habits and related factors in FBM crew members, 925 Superconductors :
- superconducting lead pressure contacts. 1263

- ¹²⁰³ superconduction thin films, 1014 Supersonic aircraft, see Aircraft. Supplies, see Airlanes. Supplies, see Military supplies. Support service contracting, 420
- Support ser . Supreme Court : cases adjudged, United States reports,
 - in our Constitutional system, hearings, 491
- Sureties, see Guaranties and sureties.
- Surfeles, see Guaranties and sareties. Surface active agents, water surfactant, re-port of study, 1333 Surface mining, see Mines and mining. Surfactants, see Surface active agents. Surgeon General, see Public Health Service.

- Surgery: stereotaxic brain techniques. selected readings, 1485
 - cardiovascular, 1186
- Surplus property, act of 1944 and amend-ments, compilation, 355 Surroy, Stanley S., remarks, Oct. 28, 1968,
- 1481

- Survey of CO_2 laser development for space application, 1057
 - Survivors insurance, your social security, 1402 Swamplands :
 - wampianus: wetlands for waterfowl, other wildlife— Minnesotu, 1432 Nebraska, 1433 North Dakota, 1434 South Dakota, 1435 seeney, John W., mineral industry of
 - Sweeney, John Florida, 951
 - Sweet, George E., radiometer for use in thermal studies of spacecraft, 1136 Swigert, Paul, COMPUTE, time-sharing desk
 - calculator program, 1130 Switzerland :

 - capsule facts for Armed Forces, 112
 - economic trends and their implications for United States, 814 Symposiums, long range forecasting meth-odology, Air Force research program, 78
 - 78
 - Synoptic code, standards and procedures for Synoptic code, standards and pro-coding synoptic reports, 306 Synoptic meteorology, see Meteorology.
 - Synthetic organic compounds, see
 - compounds Syracuse, N.Y., area wage survey, 897
 - Systems
 - adaptive, USSR study, 838

 - adaptive, USSR study, 838 farm credit system, functions and or-ganization, 620 job grading system for trades and labor occupations, Federal personenl manual supplement, 280-281 single- and double-mirror, geometrical image aberrations in, mathematical de-termination, 1052 soil-projectile, model design, application of similitude, 1027 telemetric automated microbial identifica-tion system (TAMIS) and subsystems, 80 80

T

Tables (compilation), see Technical, scien-

- Tables (compilation), see Technical, scien-tific, and economic subjects. Tables (mathematical), see Mathematics. Tactile sensitivity, responses to underwater distortions of visual stimuli, 927 Tactual perception, see Perception. Taeuber, Karl E., migration in United States, analysis of residence histories, 1346 Tail (aircraft): boundary-layer control on inverted V-tail of twin-propeller deflected.slipstream

 - of twin-propeller deflected-slipstream STOL airplane model, aerodynamic STOL airplane m characteristics, 1082

Talent :

educational talent search program, 578

- educational talent search program, 578 international migration of talent and skills, hearings, 487 Tallmadge, G. Kasten, study of training equipment and individual differences, ef-fects of subject matter variables, supple-mentary report, 1256 TAMIS, see Telemetry. Tampa, Fla.: Gulf Intracoastal Waterway, St. Marks to Tampa Bay, engineers report-departmental edition, 595 document edition, 366 Tanks (containers): cryogenic tanks in space, shadow shields for thermal protection, experimental

- for thermal protection, experimental studies, 1106 toroidal, liquid-vapor interface configura-tions in, during weightlessness, errata, 1063
- 1063 Tantalum, double-containment tantalum-and-stainless-steel mercury bolier for SNAP-8, design-point performance, 1137 Tanzania. Army area handbook, 170 Taos Indians, Blue Lake, hearings, 481 Tape, Gerald F., remarks Nov. 14, 1968, 200 Tarawa, 76 hours, Marine assault, 913

Do not order from index; see indicated entry

Tariff :

- schedules, annotated, 1471 summaries of trade and tariff information, 1460 - 66

see also names or classes of articles im-ported or exported. Taste, thresholds to bitter compounds during submarine patrol, 924

Taub. Martin

glucose tolerance in dogs exposed to altitude and drug administration-amphetamine, 95 meperidine, 96

Taxation ;

House-passed tax bills pending before Com-mittee on Finance, Senate, July 18, 1967,

mittee on Finance, Senate, July 18, 1967, summary, 466 liquidations, 12-month, nonrecognition of gain or loss on sales, report, 453 tax adjustment act of 1968, amendments, summary, 432 tax assistance for housing, its implications for Federal tax structure and Federal budget (remarks), 1481 see also Income tax. Taxees, see Taxation. Taxonomy, zoological taxe of William Healey

Taxes, see Taxation.
Taxonomy, zoological taxa of William Healey Dall, 1205
Taylor, Earl G., study of food distribution facilities for Cincinaati, Ohio, 43
Taylor, Eleanor K., administrative approaches to staff development in Public Welfare agencies, 1384
Taylor, H. Ralph, remarks Oct. 14, 1968, 765
Teachers:

Teachers :

Teachers:
Cincinnati police-juvenile attitude project, a demonstration project in police-teacher curriculum development to improve po-lice-juvenile relations, 872
elementary specifications for comprehen-sive undergraduate and inservice teacher program, 588
Project Head Start, daily program, man-ual for teachers, 563
Technical cooperation, see Foreign aid.
Technical manuals, Army Department, 174-179

179

see also names of departments etc., issuing technical manuals.

Technical chnical memorandums. Environmenta Science Services Administration, 611-14 Environmental Technical notes:

National Aeronautics and Space Adminis-tration, 1046-1144 National Bureau of Standards, 1179-81

Technical reports :

rmy Aviation Materiel Laboratories, 180–182 Army

180-182 Civil Defense Office, 265-268 Civil Defense Office, 265-268 Cold Regions Research and Engineering Laboratory, 135 Environmental Science Services Adminis-tration, 615-16 National Aeronautics and Space Adminis-tration, 1145-48 Naval Training Device Center, 1255-56 Obio River Division Laboratories, 600-601

601

Personnel Research Laboratory, 79 quality and rellability assurance, 557 School of Aerospace Medicine, 82-105 Waterways Experiment Station, 605-608 Technical translation, National Aeronautics and Snee Administratics, 1140

and Space Administration, 1149

Technicians : Air Force, scientific and technical officers, improvement of procurement utilization, and retention of high quality. 79 rmy National Guard, manning criteria,

Armv

1184

Technology : Army Materiel Command, manufacturing methods and technology, 5-year program,

higher education, research (remarks), 200 MOS field-effect-transistor technology, 996

Technology—Continued neutron cross sections, conference proceedings, errata. 1178

pollution abatement, congressional white paper, 418 selected technology for electric power in-dustry, conference proceedings, 1043

dustry, conference proce ses also Space technology.

Teeth:

barnacle cement as dental restorative ad-

hesive, 1185 tooth enamel, solubility, during FBM pa-trol, in vivo assessment, 923 Telemetric automated microbial identification

system, see Telemetry.

Telemetry

self-synchronizing bi-orthogonal coded PCM system, 1146 telemetric automated microbial identifica-

tion system (TAMIS) and subsystems, 80

Telephone: directory

Agriculture Department, 62 Interior Department, 807 excise tax rates, extension, amendments summary, 432 Telescopes, see Radio telescopes. Television:

Television

cloud photography, meteorological satellite data, catalog, ESSA 1, 617 receiving sets industry, 1958, 66, indexes of output per man-hour, 889

Temperature :

high-

gu-studies, investigations of exploding wire process as source, 1174 supersonic airstreams, evaluation of coated molybdenum and columbium alloys, 1100 measurement-

- by use of small combination probe, 1062 rotational and vibrational, in 12-inch rotational and vibrational, in transformer, tennersonic ceramic-heated tunnel,
- production of temperatures below 1°K by abiabatic demagnetization of cerium-barium metaphosphate (CBP) glass, 1258

water and aqueous solutions at high pres-sures and temperatures, properties, 806 sec also Heat transfer—Ocean tempera-

ture. Tennessee River and Valley, laminated beams

Tennessee River and Valley, laminated beams and arches, production opportunities, 1474 Tennessee Valley Authority, power, 1968 an-nual report, 1475 Tensile strength, see Strains and stresses. Tent caterpillars, Great Basin tent cater-pillars, New Mexico, life history, parasites, disease and defoliation, 695 Terminals (transportation): alr traffic control, change, 108 Testing, United States Employment Service test, research reports, 594 Tests, see Examinations. Texas, west, cotton gin operating costs, 44 Textbooks, production, special fund, agree-

Textbooks, production, special fund, agreement with Philippines, 1448

Textiles :

fabrics

Imperfections, glossary, Federal stand-ard, 659 trade and tariff information, summaries,

1461

products trade and tariff information, summarles, 1461 see also names of textiles.

Thailand :

Army area handbook, 169 Coast Guard operations and installations

Congressional investigation, report, 410 Thanksgiving 1966 air pollution episode in Eastern United States, 1341

Thatcher, John W., Iron and steel, 942

Theater of operations, see Combat areas. Therapists, see Occupational therapists.

- Thermal analysis, see Heat.
- Thermal evaluation of polyvinylchloride ex-posure suit (Empress) and comparison with present submarine deck exposure suit, 920

Thermal insulation, see Insulation. Thermal pollution, hearings, 501

Thermal protection, cryogenic tanks in space, experimental studies on shadow shields, 1106

Thermal radiation :

- black coatings characteristics, effects of simulated space environment, errata, 1046
- uranium used as feed for thermal power

- uranium used as feed for thermal power reactors, effect of uranium-236 and neptunium-237 on value of, 189 Thermal reactors, see Reactors (atomic). Thermal stability of ethylene dinitrilotetra-acetic acid and its salts, rate of decom-position in aqueous solution determined by NMR techniques, 1267A Thermodynamics, prediction of thermody-namic effects of developed cavitation based on liquid-hydrogen and freon-114 data in scaled venturis, 1116

on Induct-hydrogen and Freon-112 data in scaled venturis, 1116 Thinning of forests, see Forest thinning. Thurber, W. L., type casting, classification definitions, 1286 TIAS series, 1448-55

- l'ierra Redonda Mountain, geology, 732
- Timber :
- managed stands, rapid computation of yield tables, 698 simulating the management of even-aged timber stands, 697
- Vermont resources, 700 Time, improved use, for scientific research work needed, USSR study, 846 Time deposits, higher reserve requirements,
- extend act law, 341 me-interval differentiator, device for dividing and packaging light trap insect catches according to time intervals, 5

Time series from beach environment, 611 Tin:

elastic scattering of 21 MeV protons, 1138 Lake George area, Colo., distribution, 738 Tips

for fishermen, 301

- treatment, how to determine quantities for chemical treatments in fish farming, 1428

Tips (monetary), see Gratuities. Tirmizi, Nasimi M., stomatopod crustacea from West Pakistan, 1209

Tissues, biology of hard tissue, conference, proceedings, 1038 Titanium, minerals yearbook chapter, 988 To deepen our commitment, Human Rights

ninerals yearbook, Hu our commitment, Hu Human Rights

Year 1968, interim report, 1321 To reject no one, remarks, 589 Tobacco, barns, 4- & 5-room, farm building plans, 48

Togo, capsule facts for Armed Forces, 110 Tonto National Monument, general informa-tion, 1229 Tools, woodworking tools, classification def-

initions, 1280

see also Hand tools.

Toroidal tanks, see Tanks, Torsion, see Strains and stresses. Tortricidae, see Moths. Tourism, see Tourist trade.

- Tourist trade: travel USA, role of tourism, 305 USA, tour manual, 1483

Towers :

- iturn V launch-umbilical-tower con-figuration, 1/40 scale model— experimental vibration characteristics, 1093 Saturn
 - vibration analysis, 1094

Towns, see Cities and towns. Toye, Charles R.

computerized Arrhenius reliability extrapolation techniques, 1119

TP series, 1407 Tracking :

- fundus tracker for experiments in stabilized vision, research study, 997
- tasks, closed-loop, human response in synthesis, 1074

Trade, see Commerce-also names or classes of commodities.

Trades, see Occupations.

Training :

- in-service, criteria and guidelines for evaluation, 1385
 - manpower development and training actcontracting for on-the-job training, improvements needed, GAO report, 710 good training, good jobs, MDTA-

occupational therapy assistant program, 579

upgrading practical nurses, 580

- model in-service training program for correctional personnel, 871
- national program for training skilled aviation personnel preliminary design study, 559

see also subjects.

Training devices, naval training equipment and individual differences, effects of subject matter variables, study, supplemen-tary report, 1256

Trajectories: combined Newton-Raphson and gradient parameter correction technique for solu-tion of optimal-control problems, 1147 optimal, generation of ideal coordinate systems for analysis of, 1037

Transcribers, expert, to official reporters, in-

crease compensation report, 377

Transformations (mathematics): application of similitude to mo of soil-projectile system, 1027 model design

Transients (electricity) : internal transient com power supplies, 547 control for soil state

Transistors, MOS field-effect-transistor

Transistors, 196 technology, 996 Transitions, turbulent boundary layer and transition on plane plate, calculations, errata, 1149

Translations : National Institutes of Health Index, 1967

supplement, 1196 technical, National Aeronautics and Space Administration, 1149

Transmission lines, see Electric lines. Transmission loss, see Transmissions.

Transmissions :

- electric transmission specifications and drawings, 1372
- lunar surface transmission loss for Apollo astronaut, 1129
- radiofrequency, characteristics of ablation materials, 1102

Transpiration cooling, see Cooling.

Transport aircraft, see Aircraft.

Transport airplanes, see Airplanes.

Transportation:

- air, supplemental, terms, conditions the limitations of certificates to engage in, CAB economic regulations, 255
- Defense Department civilian personnel, permanent change of station travel, etc., general information, 134
- 067 census geographic area co manual, cross reference section, 221 1967 coding

Do not order from index; see indicated entry

329-557-69--12

Transportation--Continued

transportation peckaging, handling, storage and transportation preparation, performance and compatibility requirements, military

and compatibility requirements, military standard, 549 Transylvania, Hungarians in Transylvania, bilbiographical list, print as House docu-ment, report, 381 Traps, see Insect traps. Travel :

rmy military personnel, dependents to oversea areas information, Army pam-phlet, 171 Army

phiet, 171 authorization, Banking and Currency Committee, House, report, 375 Defense Department civilian personnel, permanent change of station travel, etc., general information, 134 grants to finance travel to international youth conferences, hearings, 495A passenger between U.S. and foreign coun-tries, 788 USA, simplified explanation of role of tourism in United States, 305 ravelers :

Travelers :

handicapped, guidebooks, 1311

so you want to import a pet, 524 Treasury Department: Alaska file of Secretary of

Alaska file of Secretary of Treasury, pamphlet to accompany microcopy, 1165 department circular, public debt series, 1476

recommends maximum interest equaliza-

tion tax rates be raised, summary, 465 telegrams sent by Secretary of Treasury ("XA" series), microcopy pamphlet to accompany, 1168 Treasury notes, 5% percent, series B-1974,

1476 Treaties :

treaties and other international acts series, 1448-55

treatles and other international agree-

ments, 1456 see also Commercial treaties—also names of countries—also subjects.

Trees, woody, Cape Perpetua Area, Siuslaw National Forest, 702

see also Citrus trees. Trematoda. see Flukes.

Tremmel, Ernest B., remarks, Nov. 14, 1968, 201

Trichoptera, see Flies.

TRIGA reactor, see Reactors (atomic).

Trimming, trimmings, etc., trade and tariff information, summaries, 1461

Trinity County, Calif. : Mad River, flood

control, engineers report-

departmental edition, 598

document edition, 360

Trumbull, John, American painting, 6-cent commemorative postage stamp, ceremonies (address), 1302

Trusses, trussed rafters, longtime perform-ance, initial evaluation, 685 Trust territory of Pacific Islands, mineral

industry, minerals yearbook chapter, 965 Trusts (industrial)

- antitrust laws failing newspapers, exempt certain combinations and arrangements necessary for survival, hearings, 486 economic concentration outside United
- States, hearings, 485

expediting act, amend, report, 452 Trusts and trustees :

commercial banks and their trust activities emerging influence on American economy, staff report, 392

print additional copies, report, 379 TS series, 785

Tuberculosis, see Pulmonary diseases.

Tubes :

glass tube apparatus for large-scale cul-ture of chlorella, USSR study, 833 see also names of metals etc., of which tubes are made.

Tulloch, George S., preventive chemotherapy of canine dirofilariasis with diethylcarba-mazine, 105 Tumors, registries, End Results Group, 1967

code manual, 1191 Tuners, classification definitions, 1295

Tungsten :

- Tungsten: Lake George area, Colo., distribution, 738 point defect calculations, 1131 Tunisia, capsule facts for Armed Forces, 109 Tunneling, tunnel boring machine props, stresses and displacements induced in rock, 979
- Tunnels, 12-inch hypersonic ceramic-heated, rotational and vibrational temperature measurements, 1110 Turbines, gas turbine blades, transpiration cooled, oxidation resistant materials for wire streatment texts, 1010
- wire specimen tests, 1012

Turbulence : boundary layer

and transition of plane plate, calcula-tions, errata, 1149 compressible, method of calculating,

1002

1002 Turbulent flow, see Flow. Turkey, capsule facts for Armed Forces, 124 Turkeys, domestic (Meleagris gallopavo), myology and osteology, atlas, 196 Turner, Guthrie L., jr., borderline medical problems and fitness for flying, 86 Tyler, John, letters of application and recom-mendation during administration, pam-phlet to accompany microcopy, 1162 Tynes, W. O., investigation or resistance of preplaced-aggregate concrete to freezing and thawing, 604 Type, casting, classification definitions, 1286 Typhoons, Typhoon Marie 1966 development,

Typhoons, Typhoon Marie 1966 development, satellite view, 1054 Typists, renorming USES statistical typing

Typists, re test, 594

π

Uberall, H., topics in electron scattering and nuclear models, notes on lectures at NRL, 1264

348 liberty loan acts, 350 naturalization laws, 351 passport control acts, 352 radio laws of United States, 353 Small Business Administration and in-vestment act, etc., 354 surplus property act of 1944 and amend-ments, 355

ments, 355 Ulibarri, George S., preliminary inventory of records of Solicitor of Treasury, 1172 Umbrellas, trade and tariff information,

summaries, 1466 Un-American activities, see Communism. Un-American Activities Committee, House : hearings, 425-426 hearings, 4

report, 424 Uncompadgre, Colo., primitive area, mineral resources, 733 Underwater vision, see Sight.

Unemployment insurance, State salary ranges of positions in employment security, etc., 762

- Uniformed services, see Armed Forces. Union of Soviet Socialist Republics : air transport services, agreement, 1452 all-Union conferences and congress peaceful uses of atom, 839 ideology, dofended, standed trained congresses,
 - peacetric defended, extended training ideology defended, extended training urged, 841 intellectual ferment and dissent, aspects, intellectual senate document, report, 447

Page 164

- Union of Soviet Socialist Republics-Con. Party and State activities described, 864

 - plant quarantine import requirements, 18 research, technical physics, 861 scientific activities and organizations, news, 867
 - Soviet party-level discussions, translations, 852
- United Arab Republic (Egypt) : Nile Basin, agricultural development and expansion, 574
- United Nations, General Assembly, 22d ses-sion, report, 400 United States: Note.—For all subjects pertain-
- United States: Note.—For all subjects pertain-ing to the United States, except its government, general history, and description, see such subjects. United States coast pilot, see Coast pilots. United States Employment Service, test re-
- Search reports, 594 United States Pension and Employee Benefit Plan Commission, establish, hearing, 492 United States reports, see Supreme Court. Universal Declaration of Human Rights, to
- deepen our commitment, interim report, 1321
- Unlading and lading :
 - loading environment and related require-
- loading environment and related require-ments for platform rigged alforop ma-terial, military standard, 543 loading patterns for ventilated rail and truck shipments of dry onions, 7 Uranium, exploration and production. sup-plement to facts concerning, prospecting and exploring for radioactive substances, 040 940

- Drahlum dioxide, vent loss in externally fueled thermonic reactor concept, 1134
 Uranium isotopes, U-236 and neptunium-237, effect on value of uranium used as feed for thermal power reactors, 189
 Urban areas, see Cities and towns—Educa-tion tion.
- Urban life. see Cities and towns.
- Urban planning, see Redevelopment (city planning, etc.). Urban Problems, National Commission on,
- Urban Problems, National Commission on, see National Commission on Urban Problems.
- Urban rban renewal, see Redevelopment (city planning, etc.).
- Urban water, a HUD concern, 786
- USA tour manual, 1483
- Usage of combined airman certification by active airmen, 210
- USDA, see Agriculture Department.
- USSR, see Union of Soviet Socialist Republics.
- Utility companies, see Electric utilities.

v

- VA, see Veterans Administration.
- Vacuum, sliding friction of copper alloys in vacuum, 1065
- Van Buren, Martin, letters of application and recommendation during administration, pamphlet to accompany microcopy, 1162
- Van Deusen, James L., periodic growth of pole-sized Ponderosa pine, 694
- Van Doeren, R. E., input admittance and re-flection coefficient of circular aperture in ground plane covered by homogeneous dielectric or plasma slab, 1008
- Van Dolah, Robert W., development of slurry explosives for use in potentially flammable gas atmospheres, 977

Variables (mathematics)

- Newton-Raphson and gradient combined parameter correction technique for solu-tion of optimal-control problems, 1147 aughan, James A., impact of computers on small and medium-sized banks, 630
- Vaughan.

- Vectors (biological) ;
- living vectors, regulating shipment, 52 Vegetables :
 - Florida, marketing, 1968 summary, 510 spring, acreage marketing guide, 503
- Vegetation, Sierra Ancha Experimental Forest, Ariz., 696
- Vehicles :
 - commercial, cost reductions obtainable by improving management of maintenance. $70\dot{4}$
 - land vehicles, wheels and axles, classifica-tion definitions, 1294
 - maintenance at non-personnel offices, facil-ities handbook, 1306
- Venezky, D. L., thermal stability of ethylene-dinitrilotetraacetic acid and its salts, rate of decomposition in aqueous solution determined by NMR techniques, 1267A
- Venom, differential resistance of mice at various time levels to lethality of rattle-snake venom (Crotalus Atrox), 84 Ventilation, ventilated rail and truck ship-ments of dry onions, loading patterns, 7
- Venturi tube, scaled venturis, prediction of thermodynamic effects of developed cavita-tion based on liquid-bydrogen and freon-114 data in, 1116

Vermont :

- electric rate book, 648 mineral industry, minerals yearbook chapter, 969

timber resources, 700

Vessels, see Ships.

- Vestibular apparatus, adaptation to vestib-ular disorientation, head position influence on habituation of vertical nystagmus, 209
- Veterans : home loan program, correct obsolete ref-erences in laws, amend United States Code, law, 342

 - Code, Iaw, 342
 Ioans, home guaranty entitlement, increase, amend U.S. Code, hearing, 499
 public service career in deprived areas, special encouragement, hearing, 499
 World War I. Veterans Administration hospital expenditures, 1919-68, for gen-and unclust and surgical and theme medical and surgical conditions, eral 428

see also Rehabilitation of the disabled.

Veterans Administration

- bibliography series, 1485 connseling provided children, opportunity for economies, GAO report, 718 information builtetin. IB series, 1486 librarians, examination announcement, 957
- 287
- programs for sharing medical facilities and exchange of medical information, annual reports, 427
- cooperative studies, confer-
- Psychiatry, cooperative studies, confer-ence, highlights, 1486 VA-Armed Forces Pulmonary Diseases Re-search Conference, transactions, 1487 VA monograph, 1488

Veterans' Affairs Committee, House, com-mittee prints, 427-428

- Veterans hospitals: programs for sharing medical facilities and exchange of medical information, annual reports, 427
 - Veterans' Administration 1919–68. World War I expenditures, veterans for medical and surgical conditions, 428
- Veterinarians, trainee, summer employment for juniors in veterinary medicine, ex-amination announcement, 293
- Biologics Division, notice, sup-Veterinary plement, 21
- Veterinary medicine, summer employment for juniors, veterinarian trainee, examination announcement, 293
- Veterinary zoology, see Zoology.

Do not order from index; see indicated entry

Vibration :

analysis of 1/40-scale dynamic model of Saturn V-launch-platform umbilical-

Saturn V-launch-platform umbilical-tower configuration, 1094 experimental, characteristics of 1/20-scale dynamic model of Saturn V-launch, um-bilical-tower configuration, 1093 flow-induced vibrations of flat plate sus-pended in narrow channel, 1013

investigations of stretch-formed aluminum solar concentrators, 1108

dynamic model of Apollo-Saturn V launch vehicle, 1095 transient, analysis of linear systems using transition matrices, 1035

Vietnam :

and Paris negotiations, reports, 469-470

difficulties in arranging air support serv ices for U.S. carriers, GAO report, 700 information notes (series), 1439 North, U.S. halts bombing, 1440 706

Republic-

Coast Guard operations and installations, Congressional investigation, re-port, 410 U.S. Army in South Vietnam, troop

topics, 143 U.S. assistance program. 1439 war, opinions of Asian and Pacific leaders, 132 in South Vietnam, troop

war, opinions of Asian and Facilie reaction 132
Viola, Herman J.: Interior Department appointment papers, State of Calif., pamphlet, 1166
records of Arizona Superintendency of Indian Affairs, pamphlet, 1167
records relating to investigation of Fort Phillp Kearney (or Fetterman) massa-cre, pamphlet, 1169
Virgin Islands, mineral industry, minerals yearbook chapter, 965
Virus diseases, Indexing procedures for 15
virus diseases of circus trees, 28
Viscosity, data, molten salts, 1176
Visitors, tax information for visitors to United States, 813

United States, 813

Visual inspection guide for rubber O-rings, 541 Vital statistics :

analytical studies, 1351 data from national health survey, 1352-54 data from national health survey, 1352-54 data on national health survey, 1355 United States, 1356 see also Birth-Death. Vocational rehabilitation, see Rehabilitation of the disabled. Volkin, Howard C., iterated commutators and functions of operators, 1083 Voltage-regulators, 22-volt silicon voltage-regulator diodes, effects of reactor radia-tion, 1135 Volunteer workers, volunteers with vision

Volunteer workers, volunteers with vision. 912

Volunteers with vision, 912 Voprosy filosofi (USSR periodical) : translations, 856

Voting, lowering age to 18, amend U.S. Con-stitution, hearings, 490 Vrancik, James E., prediction of windage power loss in alternators, 1078 V/STOL (vertical takeoff and landing), see

Aircraft. W

Wabash River :

basin, Indiana, Illinois, and Ohio, reservoir constructions, etc., engineers report-departmental edition, 596 document edition, 435

Wages :

area survey— Chicago, Ill., 892 San Antonio, Tex., 891 Syracuse, N.Y., 897

Wages-Continued

employee 1966earnings, retail trade, June

drug and proprietary stores, 894 food stores, 893 ir labor standards act, regulation gov-erning employment of full-time students fair at special minimum wages, summary, 1490

minimum

raise and extend fair labor standards act, coverage, legislative history, 496 special, for handicapped workers in sheltered workshops, 1489 occupational groups in metropolitan areas, trends, 902

trends, 902 wage board employees, Federal coordinated wage system, hearings, 413 your social security earnings record, 1403 Wahlgren, Harold E., survey of specific gravity of 8 Maine conifers, 686 Wales, infant and perinatal morality, 1351 Wallace, Richard A., congressional white paper on policy for environment, 418 Wallmark, J. T., MOS field-effect-transistor technology, 996 Wang, Chi. nuclear science in mainland China, selected bibliography, 911 Wapanocca National Wildlife Refuge, gen-eral information, 1422 War, Vietnam, opinions of Asian and Pacific leaders, 132

leaders, 132 Ward, James J., uranium dioxide vent loss in externally fueled thermionic reactor

in externally fueled thermionic reactor concept, 1134 Warneeke, G., satellite view of Typhoon Marle 1966 development, 1054 Warren, Cline J., agricultural development and expansion in Nile Basin, 574 Warren, M. A., hydrology of Brookhaven Natl Laboratory and vicinity, Suffolk County, N.Y., 728 Washington, D.C., see District of Columbia. Washington National Airport, master plan report, 627 Washington State: coast pilot, 297

coast pilot, 297 forest insect outbreaks, 671

Waste disposal, see Waste products.

Waste products: solid waste disposal laws, compilation, 493 waste heat discharge from new generation of large electric generating plants, hear-ings, 501

Water

ater : hond sales, 665 Central Valley project, negotiation of con-tracts for water from, Bureau of Reclam-ation, GAO report, 717 conservation districts, status of organiza-tion, by States, etc., 1406 fresh, desalting plants inventory report,

fresh, 795

Florida, central and southern, engineers report-

departmental edition, 603 document edition, 363 Grant and Hot Spring Counties, Ark.,

Michigan, 754

Michigan, 194 Minnesota, 755 Rio Sao Francisco Basin, Brazil, recon-naissance appraisal, 1366 urban water, HUD concern (speech),

saline water research and development progress reports, 796-806

Page 166

Do not order from index; see indicated entry

T95 Kansas, for future use, bibliography and inventory of available data, 1365 major uses, In United States with special reference to agriculture, summary. 568 management, and Weather Bureau, 618 Pacific Northwest, water resources sum-mary, 744 research, selected summaries, 664

resources

Water-Continued supply Indian homes, communities, etc., PHS to supply, public health laws, com-pliation, 493 western United States, fall summary, 1405 supply outlook, Montana, 1408 surface water techniques of tions, 753 water-resources investigations, water and aqueous solutions at high pres-sures and temperatures, properties, 806 water-repellent preservatives, wood finishing, 674 water-salt metabolism during spaceflight, Weeds: 854 water supply papers, 756 water surfactant, report of study, 1333 see also Sea water. Water birds: conservation aids waterfowl, 57 production Federal waterfowl areas. guideguide— Minnesota, 1432 Nebraska, 1433 North Dakota, 1434 South Dakota, 1435 Water carriers, equipment trust ce financing, recording, hearing, 404 Water pollution: Interstate writers of Conse River certificate Water pollution:
interstate waters of Coosa River and its tributaries, conference proceedings, 662
Moriches Bay and eastern section of Great
South Bay and their tributaries, prog-ress evaluation meeting, proceedings, 663
thermal pollution, 1968, hearings, 501
Water Resources Division, California dis-trict, activities, 727
Water systems, bond sales, 665
Waterborne commerce, see Commerce.
Waterfowl, see Water birds.
Watersdes: Watersheds:
 project, Upper North Laramie Riv hearing, 502
 projects, miscellaneous, hearings, 385
 Waterways Experiment Station: North Laramie River, Waterways Experiment Stati miscellaneous papers, 604 publications, 11st, 597 technical reports, 605-608 Watson, W. Marvin: addresses, etc.— Oct. 16, 1968, 1303 Oct. 15, 1968, 1302 Oct. 21, 1968, 1307 Oct. 21, 1968, 1301 Nov, 4, 1968, 1300 Waukegan, 111: harbor, engineers report harbor, engineers reportdepartmental edition, 609 document edition, 362 document entrol, 362 Wave forms, sonic boom waveforms, various simulated, relative annoyance and loud-ness judgments, 1016 Wave guides, see Wave forms, Wareforms, see Wave forms, aveguides, electrodynamic analysis of special non-uniformities in wave guides, USSR study, 849 Waveguides, of Waves aves: Crescent City Harbor, Calif., design for optimum wave conditions, 606 supersonic flow field about axisymmetric body with N wave pressure trace, esti-mate, 1141 ave and surge conditions after proposed expansion of Monterey Harbor, Calif., wave and 608 Waybill statistics. see Railroads.

Ways and Means Committee, House, com-mittee print, 429 WB, see Weather Bureau.

- Weapons: a world of nuclear powers? Air Force As-sembly final report, 64 weapon packaging, handling, storage and transportation preparation, perform-ance and compatibility requirements, military standard, 549 Wear, see Friction. Weather, human dimensions of atmosphere, 1232

1232

Weather Bureau:

and water management, 618 engineering handbook series, 1491 ESSA technical report, WB series, 616 eaver, Robert C.: Weaver.

addresses, etc.— Oct. 21, 1968, 781 Oct. 26, 1968, 768

looking back, and ahead, 779

lawn, control with herbicides, 40 noxious weeds, control on Federal lands by State and local officials, authorize, hearings, 387

Weeks, see names of special weeks. Weight, buckling of equatorial segment of spherical shell loaded in axial direction,

1133 Weightlessness, li metions in liquid-vapor interface n toroidal tanks du conduring.

- ngurations in toroidal tanks during, errata, 1063 Weights and measures, helicopter height-velocity diagram, gross weight effects, in-vestigation, 1050 Weiher, Claudine J., telegrams sent by Secre-tary of Treasury ("XA" series), pamphiet, 1168
- Weinstein, Richard H., computer experiments on microscopic behavior of one-dimensional
- on microscopic behavior of one-dimensional plasmas, 1067 Weinstein, Suzanne T., effects of reactor radiation on 22-volt silicon voltage-regu-lator diodes, 1135 Wetrich, Robert L., fow-field properties near arrow-body model at Mach numbers, 1060

Welding:

constructional steels, welding procedures for, military standard, 546 reference radiographs for steel welds, mili-

tary standard, 544 Welfare funds: pension and welfare plans, hearing, 498 welfare and pension plan disclosure act,

amend-

amend— hearing, 498 report, 371 welfare and pension plan protection act of 1968, report, 371 Welfare work, see Social work and problems. Welfare work in industry, see Employee bene-fit plane

Weitare work in futurety, see 2017 fit plans. West (U.S.): water supply, fall summary, 1405 West Pakistan, see Pakistan. Western Europe. see Europe. Western Utilization Research & Development Division publications and patents, semi-Division, publications and patents, semi-annual list, 14 Wetlands, see Swamplands. Whaling, international convention, schedule,

- Whaling, international convention, schedule, amendments, 1454
 What's your move? U.S. Coast Guard Aux-illary, 302
 Wheels, classification definitions, 1294
 Whitman, Robert A., mineral industry of Bolivia, 947
 Wiegandt, H. F., desalting of sea water by freezing, 803
 Wilcox, W. Wayne, changes in wood micro-structure through progressive stages of decay, 683 decay, 683 Wild fowl, see Game and game birds. Wild Rice River and Valley:
- - dam and reservoir, construction, engineers report-

departmental edition, 610

document edition, 361

Do not order from index; see indicated entry

Page 167

Wilder, llder, Charles S., volume of physician visits, United States, July 1966–June 1967, 1353 Wilderness

ilderness areas: Great Swamp, Pelican Island, Monomov, Seney, Huron, Michigan Islands, Gravel Island, Green Bay, and Mooseborn, Island, Green Bay, and Moosehorn, designate, hearing, 479

studies related to areas (series), 733 wilderness-primitive

Uncompangre primitive area, Colo., mineral resources, 733 Wildlife

Appalachia, effects of surface mining, re-port, 1427 fish and wildlife restoration, federal aid, 1426

legislation, hearings. 409

management of resident wildlife on Federal lands, by States, hearings, 461 wildlife leaflets, 1430-31

see also Game and game birds.

Wildlife refuges:

'ildlife refuges: national, 1429
 Pacific, regional (except Alaska), general information, 1414
 refuge lenflets, 1413-25
 see also names of refuges.
 Vilkinson, Thomas L., longtime performations initial evaluation.

Wilkinson. Thomas L., longtime perform-ance of trussed rafters, initial evaluation.

Willapa National Wildlife Refuge, general

Willapa National Wildlife Refuge, general information, 1424
Williams, Carroll B., seasonal height growth of upper-slope conifers, 691
Williams, V. C., development of propane hy-drate desalting process, 801
Willmerding, Pa., housing for the elderly, community improvement (address), 769
Wilmington, Del., riots, civil and criminal disorders, investigation, hearings, 475
Wilson, B. J., characteristics of improved inert-cathode/magneslum-anode sen-water battery, 1259

hatter, 1250 Wilson, John W., analysis of numerical inte-gration techniques real-time digital flight simulation, 1117

Wilson, Woodrow, President, personal and confidential letters from Secretary of State Lansing, pamphlet to accompany micro-copy, 1170

Wind profiles, see Winds

Wind promes, see Winds, Wind tinnels, investigation of low-speed high-lift aerodynamics of one-fifth scale variable-sweep supersonic transport, 1076 Winds, Jimsphere wind profiles as related to smace, vehicle design and operations, study, 1022 1023

Windward indward Islands, Bredin-Archbold-Smith-sonian biological survey of Dominica, 1208 Wings (aircraft)

arrow-wing-body model at Mach numbers of 1.60, 2.36, and 2.96, flow-field properties, 1060

ties. 1060 leading-edge separation, aerodynamics of slender wing-hody combinations, theore-tical investigation, errata, 992 low-aspect-ratio wing-body combinations at transonic speeds, effects of flexibility on lift and pitching moment character-istics of series, 1051 parasol-wing-body combination utilizing favorable lift interference at Mach num-bers 3.00 to 4.63, 1081

bers 3.00 to 4.63, 1081

variable.sweep wing on supersonic trans-port model, low subsonic flight and force investigation, 1053 investigation, 105 Wiping rags, see Rags

Wire :

fine polycrystalline nickel wires, effect of size on tensile strength, 1104 products, trade and tariff information, summaries, 1463 specimen tests, oxidation resistant mater-ials for transpiration cooled cas turbics

ials for transpiration cooled gas turbine blades, 1012 blades. sec also Exploding wire.

Wolf. Ken, Lymphocystis disease of fish, 1411 Women

American 1968, labor standards, task force report, 792 by children under 5 years old, current fer-tility by social and economic character-istics of women and their families. istics of women and their families, census of population, 251 mathematician, why not be one? career,

1494 war

ar on poverty, conference proceedings, 561

woman's status in industry, business, society, etc. (address), 876 workers, United States, background facts,

1492

Women's Army Corps, new life, new world, career opportunity, 138 Women's Bureau :

leaflets, 1493–94 publications, list, 1493

Wood :

ford:
and related products, trade and tariff information, summarles, 1460
chemistry, list of publications, 670
house foundation of treated wood after 30 years service, 688
loss of moisture, effect of transverse compressive stress, 677
machining abstracts, 699
microstructure, changes, through progressive stages of decay, 683
moisture content, effect of restrained

swelling, 676 thermal insulation from wood for build-ings, effects of moisture and its control,

Wood fiber, Wood fiber, trends of fibril angle variation in white ash, 689 Wood finishing:

water-repellent preservatives 674 wood turning, classification definitions, 1279

Wood preservatives, water-repellent preser-vatives, wood finishing, 674 Woodrow Wilson International Center for Scholars :

establish in Smithsonian Institution-343 law.

report. 443 Woodrow Wilson Memorial :

act of 1968-

law, 343 report. 443

Woodworking, tools, classification definitions, 1280 Woodworking

oodworking machinery, wo classification definitions, 1279 boow turning.

Work, improved use of time for scientific research work needed, USSR study, 846 Workers, see Labor-Women.

Workmen's compensation, see Employ liability and Workmen's compensation. Employers'

Workshops, sheltered, special mining wages for handicapped workers in, 1489 special minimum

World War I veterans, see Veterans. World War. 1939-45, medical suppl atton, 184 1939-45, medical supply oper-

Worms, see Anchor worm--Annelids.

- Wrecking, demolishing buildings, savings available in Federal share of cost, GAO
- report, 724 Wright, David L., analysis of electromag-netic waves on dielectric rod immersed in plasma, applications, 1089

X-rays, Panorex X-ray machine, head posi-tioning for, 928

Y

Yancey, Robert M., Atlantic Coast surf clam. 320

Page 168

Do not order from index; see indicated entry

C

Yarn, elastic yarns, etc., trade and tariff information, summaries, 1461
Yellowstone National Park, general information, 1230
York, Harold F. mineral industry of Vermont, 969
You as an Air Force physician, 106
Young, Clarence P., jr., analysis of aero-elastic divergence of two experimental un-guided launch vehicles, 1077
Young, W. H., coal. bliuminous and lignite.

Young, W. H., coal, bituminous and lignite, 932 Youth :

Cincinnati police-juvenile attitude project, demonstration project in police-teacher curriculum development to improve police-juvenile relations, 872

international conferences, grants to finance travel to, hearings, 495A parents as partners in Health, Education,

and Welfare Dept. programs for children and youth, report, 761 publications, price list, 1328

USSR, youth exper USSR study, 844 experiments with science, 72

Zaleski State Forest, lands, deed to Ohio, hearings, 387

hearings, 387 Zeller, John R., design and analysis of mod-ular servoamplifier for fast-response elec-trohydraulic control systems, 1115 Zender, George W., compressive properties and column efficiency of metals reinforced on the surface with bonded filaments, 1101 Zero defects, quest for quality, 557 Zinc, concentration on output of zinc-doped germanium detectors, effects, 1070 Zirconium, Cb-12r pumped sodium loop, 999

999

Zoby, Ernest V., empirical stagnation-point heat-transfer relation in several gas mix-tures at high enthalpy levels, 1058

Zoning, see Suburbs.

Zoology: medical and veterinary, index-catalogue,

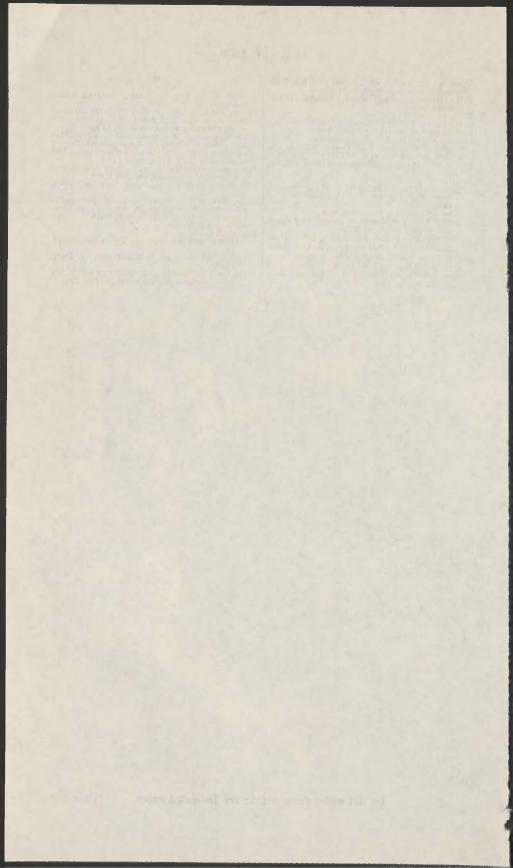
13 zoological taxa of William Healey Dall,

1205

Zorn, Dale T., in vivo assessment of solubility of tooth enamel during FBM patrol, 923

Do not order from index: see indicated entry

Page 169



Drder Blank

To Superintendent of Documents, Government Printing Office, Washington, D.C. 20402

Date, 19	For Use of Supt. of Docs.
ur name	Enclosed To be mailed later
reet address	later Subscriptions Refund
ty, State, and ZIP Code	Coupon refund Postage

onthly Catalog. Order only publications indicated by a star (*) eceding the list price.

CATALOG No.	QUANTITY DESIRED	TITLE OF PUBLICATION	AMOUNT
		Total 9	

or additional space use other side. Ιοιαι, Φ..... or PROMPT, ACCURATE SHIPMENT please fill in the following label—Please PRINT or typewrite.

I.S. GOVERNMENT PRINTING OFFICE DIVISION OF PUBLIC DOCUMENTS WASHINGTON, D.C. 20402

POSTAGE AND FEES PAID U.S. GOVERNMENT PRINTING OFFICE

OFFICIAL BUSINESS RETURN AFTER FIVE DAYS

Name		 	 	
Stre	et Address	 	 	

City, State, and ZIP Code _

Additional space for your order

CATALOG No.	QUANTITY DESIRED	TITLE OF PUBLICATION	AMOUNT

		-	
a letter on a start		Do not write in space below Total, \$_	TEV 194

Order Blank

To Superintendent of Documents, Government Printing Office, Washington, D.C. 20402

Date	, 19	For Us	e of Supt. of Docs.
four name			Enclosed
			To be mailed later
treet address			Subscriptions
			Refund
City, State, and ZIP Code			Coupon refund
Catalog number is shown at right Monthly Catalog. Order only pu			Postage

CATALOG No.	QUANTITY	TITLE OF PUBLICATION	AMOUNT
	-		

For additional space use other side.

For PROMPT, ACCURATE SHIPMENT please fill in the following label—Please PRINT or typewrite.

U.S. GOVERNMENT PRINTING OFFICE DIVISION OF PUBLIC DOCUMENTS WASHINGTON, D.C. 20402

POSTAGE AND FEES PAID U.S. GOVERNMENT PRINTING OFFICE

Total, \$_____

OFFICIAL BUSINESS RETURN AFTER FIVE DAYS

Name	

Street Address

City, State, and ZIP Code .

CATALOG No.	OUANTITY DESIRED	TITLE OF PUBLICATION	AMOUNT

**********************	*********		
***************************************	*******		

		Do not write in space below Total \$	

Additional space for your order



UNITED STATES GOVERNMENT PRINTING OFFICE DIVISION OF PUBLIC DOCUMENTS WASHINGTON, D.C. 20402

OFFICIAL BUSINESS

POSTAGE AND FEES PAID U.S. GOVERNMENT PRINTING OFFICE

1