

I. REFERENCE WORKS

Guides to the literature; Aids to book selection.

- American Chemical Society. Literature resources for chemical process industries. (Advances in Chemistry Series, no. 10.) Washington, 1954.
- Aslib. British scientific and technical books; a select list of recommended books published in Great Britain and the Commonwealth, 1935-1952. London, James Clarke, 1956.
- Aslib. Select list of standard British scientific and technical books. 5th ed. London, Aslib, 1957.
- Aslib book-list; a monthly list of recommended scientific and technical books with annotations. 1935. Monthly. London, Aslib.
- Columbia University. School of Library Service. Guide to the literature of science... Prepared by Thomas P. Fleming... 2nd ed. New York, Columbia Univ. School of Library Service, 1957.
- Crane, E.J. and others. A guide to the literature of chemistry. 2nd ed. New York, Wiley, 1957.
- Cumulative book index. 1898. Monthly, with frequent cumulations. New York, Wilson.
- Dalton, B.H., ed. Sources of engineering information. Berkeley, Calif., Univ. of California Press, 1948.
- Hawkins, R.R., ed. Scientific, medical and technical books: a selected list... 2nd ed. Books published to December 1956. Washington, National Academy of Sciences - National Research Council, 1958. (See also his annual list of outstanding scientific and technical books, published in May issues, Library Journal.)
- Holmstrom, J.E. Records and research in engineering and industrial science. 3rd ed. London, Chapman & Hall, 1956.
- Howell, J.V. and Levorsen, A.I. Directory of geological material in North America. 2nd ed. Washington, American Geological Institute, 1957.

reference works

- Jackson, L., ed. *Technical libraries: their organization and management*. New York, Special Libraries Association, 1951.
- Jenkins, F.B. *Science reference sources*. 2nd ed. Champaign, Ill., Distributed by Illini Union Bookstore, 1958.
- London. Science Museum. Library. *Books on engineering; a subject catalog of books in the Science Library*. London, H.M.S.O., 1957.
- Mellon, M.G. *Chemical publications; their nature and use*. 3rd ed. New York, McGraw-Hill, 1958.
- New York Public Library. *New technical books; a selected list on industrial arts and engineering added to the New York Public Library*. 1915. Bi-monthly. New York, New York Public Library.
- Parke, N.G. *Guide to the literature of mathematics and physics, including related works on engineering science*. 2nd rev. ed. New York, Dover, 1958.
- Pearl, R.M. *Guide to geologic literature*. New York, McGraw-Hill, 1951.
- Publishers' trade list annual. Annual. New York, Bowker.
- *Books in print: an author-title series index to the Publishers' trade list annual*. Annual. New York, Bowker.
- *Subject guide to Books in print*. Annual. New York, Bowker.
- Sarton, G. *A guide to the history of science; a first guide for the study of the history of science...* Waltham, Mass., Chronica Botanica, 1952.
- Science reference notes*. 1954. Quarterly. New York, Columbia Univ. Science Libraries.
- Shank, R., comp. *Bibliography of technical reference literature and sources of information*. [New York, Columbia Univ.] 1954.
- Smith, R.C. *Guide to the literature of the zoological sciences*. 5th ed. Minneapolis, Minn., Burgess, 1958.

guides to the literature

- Technical book review index; comp. and ed. in the Technology Dept., Carnegie Library of Pittsburgh. 1935. Monthly, except July and August. New York, Special Libraries Association.
- Whitford, R.H. Physics literature; a reference guide. New Brunswick, N.J., Scarecrow Press, 1954.
- Winchell, C.M. Guide to reference books. 7th ed. Chicago, American Library Assn., 1951. (Suppl. 1950-52; Second suppl. 1953-55.)

Abstracts and indexes.

- Aeronautical engineering index. 1947. Annual. New York, Institute of the Aeronautical Sciences.
- Applied science and technology index. 1913. Monthly. New York, H.W. Wilson. (Formerly, Industrial arts index.)
- Biological abstracts; from the world's biological research literature. 1926. Monthly. Philadelphia, Pa., Univ. of Pennsylvania.
- Chemical abstracts. 1907. Semi-monthly. Washington, American Chemical Society.
- Dissertation abstracts; a guide to dissertations and monographs available in microform. 1938. Monthly. Ann Arbor, Mich., University Microfilms.
- Engineering index. 1884. Annual (current subscription available also on cards). New York, Engineering Index, Inc.
- Geophysical abstracts. 1929. Quarterly, in the Bulletin series of the U.S. Geological Survey. Washington, Gov't. Printing Office.
- Mathematical reviews. 1940. Monthly. Providence, R.I., American Mathematical Society.
- Nickles, J.M. and others. Bibliography and index of geology exclusive of North America. 1933. Annual. Washington, Geological Society of America.
- Nuclear science abstracts. 1948. Semi-monthly. Washington, U.S. Atomic Energy Commission.

reference works

- Science abstracts: Section A, Physics, Section B, Electrical engineering. 1898. Monthly. London, Institution of Electrical Engineers.
- Technical translations. 1959. Semi-monthly. Washington, Gov't. Printing Office.
- U.S. government research reports: a monthly listing of government research reports available to industry. 1946. Monthly. Washington, Gov't. Printing Office.
- U.S. Geological Survey. Bibliography of North American geology. 1923. Annual, in the Bulletin series of the U.S. Geological Survey. Washington, Gov't. Printing Office.
- U.S. Superintendent of Documents. Monthly catalog of United States government publications. 1895. Monthly. Washington, Gov't. Printing Office.

Lists of journals; Union lists.

- Association of College and Reference Libraries. Pure and Applied Science Section. A recommended list of basic periodicals in engineering and the engineering sciences. (ACRL monograph no.9) Chicago, Ill., The Association, 1953.
- Ayer, firm, Philadelphia. N.W. Ayer & Son's Directory [of] newspapers and periodicals... a guide to publications printed in the United States... 1880. Annual. Philadelphia, Pa., N.W. Ayer & Son, Inc.
- British union-catalogue of periodicals; a record of the periodicals of the world, from the seventeenth century to the present day, in British libraries. London, Butterworths Scientific Publs., 1955-58. 4v.
- Brown, C.H. Scientific serials; characteristics and lists of most cited publications in mathematics, physics, chemistry, geology, physiology, botany, zoology and entomology. (ACRL monograph no.16.) Chicago, Ill., The Association, 1956.
- Canada. National Research Council. Library. Union list of scientific serials in Canadian libraries. Ottawa, National Research Council, 1957.

lists of journals

- Chemical abstracts. List of periodicals abstracted by Chemical abstracts, with key to library files and other information. Columbus, Ohio, American Chemical Society, 1956. (Annual supplements.)
- Farber, E.I. Classified list of periodicals for the college library. 4th ed., rev. and enl. Boston, Mass., Faxon, 1957.
- M.I.T. Library. Current serials and journals in the M.I.T. libraries. Revised to October 1958. Cambridge, Mass., Massachusetts Institute of Technology Libraries, 1959.
- New serial titles; a union list of serials commencing publication after December 31, 1949. 1953. Monthly, with annual cumulations which are self-cumulative over five-year periods. Washington, Library of Congress.
- Ulrich's periodicals directory; a classified guide to a selected list of current periodicals, foreign and domestic. 8th ed. New York, Bowker, 1956.
- Union list of serials in libraries of the United States and Canada. Ed. by Winifred Gregory. 2nd ed. New York, Wilson, 1943. (Suppl. Jan. 1941-Dec. 1943; Second suppl. Jan. 1944-Dec. 1949.)
- U.S. Library of Congress. Scientific and technical serial publications, United States, 1950-1953. Washington, Library of Congress, 1954.
- World list of scientific periodicals published in the years 1900-1950. 3rd ed. London, Butterworths, 1952. (For additions to this list, see Chemistry and Industry 1953, pp. 1013-14; 1954, pp. 596-97; 1955, pp. 54-57. 1764-67; 1956, pp. 1260-65, etc.)
- Handbooks and encyclopedias; Tables; Standards.
- American Society for Testing Materials. 1955 book of A.S.T.M. standards, including tentative standards (a triennial publication). Philadelphia, Pa., The Society, 1955-56. 7v. (Suppls. 1956, 1957.)
- British Standards Institution. 1958 yearbook. London, British Standards Institution, 1958.

reference works

- Chemical Rubber Co. Handbook of chemistry and physics; a ready reference book of chemical and physical data. 40th ed. Cleveland, Ohio, Chemical Rubber Publ. Co., 1958.
- Encyclopedia Americana; the international reference work. New York and Chicago, Encyclopedia Americana, 1956. 30v.
- Eshbach, O.W. Handbook of engineering fundamentals. 2nd ed. New York, Wiley, 1952.
- Landolt, H.H. Landolt-Börnstein Zahlenwerte und Funktionen aus Physik, Chemie, Astronomie, Geophysik und Technik. 6th ed. Hrsg. von Arnold Eucken. Berlin, Springer. 1950+. 4v. in many parts (in progress).
- Mantell, C.L., ed. Engineering materials handbook. New York, McGraw-Hill, 1958.
- National Research Council. International critical tables of numerical data, physics, chemistry and technology. Prepared under the auspices of the International Research Council and the National Academy of Sciences. New York, McGraw-Hill, 1926-33. 7v. and index.
- Perry, J. H. and Perry, R. H., eds. Engineering manual. New York, McGraw-Hill, 1959.
- Special Libraries Association. Science-Technology Div. Handbook of scientific and technical awards in the United States and Canada, 1900-1952. New York, The Association, 1956.
- Van Nostrand's scientific encyclopedia. 3rd ed. Princeton, N.J., Van Nostrand, 1958.

Dictionaries.

- Ballentyne, D.W.G. and Walker, L.E.Q. Dictionary of named effects and laws in chemistry, physics and mathematics. London, Chapman & Hall, 1958.
- Bray, A., ed. Russian-English technical and scientific dictionary. New York, International Universities Press, 1945.
- Callahan, L.I. Russian-English technical and chemical dictionary. New York, Wiley, 1947.

- Chamber's technical dictionary; comprising terms used in pure and applied science... Ed. by C.F. Tweney and I.E.C. Hughes. 3rd ed. rev. with suppl. New York, Macmillan, 1958.
- Cusset, F. English-French and French-English technical dictionary. 2nd ed. Rev. and enl. New York, Chemical Pub. Co., 1957.
- De Vries, L. French-English science dictionary... 2nd ed. New York, McGraw-Hill, 1951.
- De Vries, L. German-English science dictionary. 3rd ed. New York, McGraw-Hill, 1959.
- De Vries, L. German-English technical and engineering dictionary. New York, McGraw-Hill, 1950.
- Flood, W.E. & West, M. Explaining and pronouncing dictionary of scientific and technical words. 2nd ed. London, Longmans, 1955.
- Funk and Wagnalls new standard dictionary of the English language. Unabridged ed. New York, Funk and Wagnalls, 1952.
- Hyman, C.J., ed. Dictionary of physics and allied sciences. Vol. 1, German-English. New York, Ungar, 1958.
- Leibiger, O.W. and Leibiger, I.S. German-English and English-German dictionary for scientists. Ann Arbor, Mich., Edwards, 1950.
- Zimmerman, O.T., and Lavine, I. Scientific and technical abbreviations, signs and symbols. 2nd ed. Dover, N.H., Industrial Research Service, 1949.

Directories: Societies; Institutions; Laboratories.

- American foundations and their fields. By W.S. Rich. 7th ed. New York, American Foundations Information Service, 1955.
- Bates, R.S. Scientific societies in the United States.. 2nd ed. New York, Columbia Univ. Press, 1958.
- Buttress, F.A. World list of abbreviations of scientific, technological and commercial organizations. London, Leonard Hill, 1954.
- Directory of international scientific organizations. 2nd ed. Paris, Unesco, 1953.
- Encyclopedia of American associations. 2nd ed. Detroit, Mich., Gale Research Co., 1959.

reference works

- Index generalis... 1954/55; general yearbook of universities and of higher educational institutions, academies, archives, libraries, scientific institutes... Paris, Dunod, 1955.
- Industrial research. 3rd ed. London, Todd Publ. Group, 1956.
- Industrial research laboratories of the United States. 10th ed. Washington, National Research Council, 1956.
- Minerva; Jahrbuch der gelehrten welt. 34th ed. Berlin, De Gruyter, 1952-56. 2v. in 3.
- Scientific and learned societies of Great Britain, a handbook compiled from official sources. 59th ed. London, Allen & Unwin, 1958.
- Scientific and technical societies of the United States and Canada. 6th ed. Washington, National Research Council, 1955.
- Scientific meetings; a list of forthcoming meetings. 1957. Quarterly. New York, Science-Technology Div., Special Libraries Assn.
- Special Libraries Association. Directory of special libraries. Comp. by Isabel L. Towner. New York, The Association, 1953.
- U.S. National Science Foundation. Annual report. 1950/51. Annual. Washington, Gov't. Printing Office.
- World list of future international meetings. Pt. 1. Science, technology, agriculture, medicine. 1959. Monthly. Washington, D.C., Reference Dept., Library of Congress.
- World of learning. 9th ed. London, Europa, 1958.
- Directories; Biographies: Scientists and engineers.
- American men of science; a biographical directory. Ed. by J. Cattell. 9th ed. Vol. 1, Physical sciences; vol. 2, Biological sciences. Lancaster, Pa., Science Press, 1955.
- Chemical who's who. 4th ed. New York, Lewis Historical Publ. Co., 1956.
- Howard, A.V., ed. Chamber's dictionary of scientists. New York, Dutton, 1951.

- International who's who. 1935. Annual. London, Europa.
- Leaders in American science. 1958/59. Biennial. Nashville, Tenn.,
Who's Who in American Education.
- Poggendorff, J.C. Biographisch-literarisches handwörterbuch...
1863-1940. 6v. Repr. by Edwards Brothers, Ann Arbor, Mich.,
1945. v. 7, 1932-1953. Berlin, Akademie-Verlag, 1955+ (in
progress)
- Who's who. 1849. Annual. London, Black.
- Who's who in America. 1899. Biennial; with monthly suppl.
Chicago, Ill., Marquis.
- Who's who in British science. London, Leonard Hill, 1953.
- Who's who in engineering; a biographical dictionary of the engineer-
ing profession. 8th ed. New York, Lewis Historical Publ. Co.,
1959.

Aeronautical engineering.

- Aircraft yearbook... 1919. Annual. Washington, Aviation Publica-
tions.
- Baughman, H.E. Aviation dictionary and reference guide. Rev. by
E.J. Gentle & C.E. Chapel. 3rd ed. Los Angeles, Calif.,
Aero Publishers, 1951.
- Besserer, C.W. Missile engineering handbook. Princeton, N.J.,
Van Nostrand, 1958.
- Bowman, N.J. Handbook of rockets and guided missiles. Whiting,
Ind., Perastadion Press, 1957.
- Jane's All the world's aircraft. Comp. and ed. by Leonard Bridgman.
1909. Annual. New York, McGraw-Hill; London, Jane's All the
World Aircraft Publishing Co.
- Merrill, Grayson and others, eds. Dictionary of guided missiles and
space flight. Princeton, N.J., Van Nostrand, 1959.
- U.S. Air University. Research Studies Institute. The United States
Air Force dictionary. Woodford Agee Heflin, ed. [Maxwell Air
Force Base ? Ala.] Air Univ. Press; Washington, Gov't. Printing
Office, 1956.

reference works

Astronomy.

- Bernhard, H.J. and others. New handbook of the heavens. 2nd ed. New York, McGraw-Hill, 1948.
- British Astronomical Association. Annual handbook. London, The Association.
- Callataÿ, V. de. Atlas of the sky. Transl. and with a preface by Sir H.S. Jones. London, Macmillan, 1958.
- Norton, A.P. Star atlas and reference handbook (epoch 1950) for students and amateurs. 10th ed. London, Gall and Inglis, 1946.
- U.S. Nautical Almanac Office. American ephemeris and nautical almanac. 1852. Annual. Washington, Gov't. Printing Office. (Now the same as Great Britain. Nautical Almanac Office. The astronomical ephemeris.)

Biology.

- Bailey, L.H. and others. Manual of cultivated plants most commonly grown in the continental United States and Canada. Rev. ed. New York, Macmillan, 1949.
- Cambridge natural history. Ed. by Sir S.F. Harmer and Sir A.E. Shipley. Repr. ed. Weinheim, Germany, Engelmann, 1958† (c1895-1909). 10v. (in progress)
- Cowdry, E.V. Laboratory technique in biology and medicine. 3rd ed. Baltimore, Md., Williams & Wilkins, 1952.
- Dorland, W.A.N. Illustrated medical dictionary. 23rd ed. Ed. by L.B. Arey and others. Philadelphia, Pa., Saunders, 1957.
- Fisher, R.A. and Yates, F. Statistical tables for biological, agricultural and medical research. 5th ed., rev. and enl. Edinburgh, Oliver and Boyd, 1957.
- Glasser, O. Medical physics. Chicago, Ill., Yearbook Publishers, 1944-50. 2v.
- Gleason, H.A. The new Britton and Brown illustrated flora of the Northeastern United States and adjacent Canada. New York, New York Botanical Garden, 1952. 3v.

- Gray, A. *Manual of botany; a handbook of the flowering plants and ferns of the Central and Northeastern United States and adjacent Canada*. 8th ed... by Merritt Lyndon Fernald. New York, American Book, 1950.
- Henderson, I.F. and Henderson, W.D. *Dictionary of scientific terms... in biology, botany, zoology, anatomy, cytology, genetics, embryology, physiology*. 6th ed. Ed. by J.H. Kenneth. Edinburgh, Oliver and Boyd, 1957.
- Jackson, B.D. *Glossary of botanic terms*. 4th ed. New York, Hafner, 1949.
- Jaeger, E.C. *A source-book of biological names and terms*. 2nd ed. Springfield, Ill., C.C. Thomas, 1950.
- Lee, A.B. *The microtome's vade-mecum; a handbook of the methods of animal and plant microscopic technique*. Ed. by J. Brontë Gatenby and H.W. Beams. 11th ed. London, J. & A. Churchill, 1950.
- Palmer, E.L. *Fieldbook of natural history*. New York, McGraw-Hill, 1949.
- Spector, W. *Handbook of biological data*. Philadelphia, Pa., Saunders, 1956.

Chemical engineering.

- Encyclopedia of chemical technology*. Ed. by R.E. Kirk and others. New York, Interscience Encyclopedias, 1947-56. 15v. (Suppl. 1 [1957])
- Faith, W.L. and others. *Industrial chemicals*. 2nd ed. New York, Wiley, 1957.
- Hopkins, A.A., ed. *Standard American encyclopedia of formulas*. New York, Grosset & Dunlap, 1953.
- Lange, N.A., comp. *Handbook of chemistry; a reference volume... to chemical and physical data used in laboratory work and manufacturing*. 9th ed. Sandusky, Ohio, Handbook Publishers, 1956.
- Perry, J.H. *Chemical engineers' handbook*. 3rd ed. New York, McGraw-Hill, 1950.

reference works

Thorpe, J.F. Thorpe's dictionary of applied chemistry. 4th ed.
London, Longmans, 1937-55. 12v.

Ullmann, F. Encyklopädie der technischen Chemie. 3rd ed. Ed.
by W. Foerst. München-Berlin, Urban and Schwarzenberg,
1951+. v. 1+(in progress)

Chemistry.

Association of Official Agricultural Chemists. Official methods of
analysis. 8th ed. Washington, The Association, 1955.

Beilstein, F.K. Handbuch der organischen chemie. 4. Aufl.
Berlin, Springer, 1918-44. 64v. in 53.

Clark, G.L. Encyclopedia of chemistry. New York, Reinhold,
1957. (Suppl. 1958)

Condensed Chemical dictionary. 5th ed. New York, Reinhold,
1956.

Heilbron, Sir I. and Bunbury, H.M., eds. Dictionary of organic
compounds, the constitution and physical and chemical
properties of the principal carbon compounds and their
derivatives... New rev. ed. New York, Oxford Univ.
Press, 1953. 4v.

Huntress, E.H. A brief introduction to the use of Beilstein's
Handbuch der organischen chemie. 2nd ed. New York,
Wiley, 1938.

Inorganic syntheses. New York, McGraw-Hill, 1939-57. 5v.

Jacobson, C.A. and Hampel, C., eds. Encyclopedia of chemical
reactions. New York, Reinhold. 1946-59. 8v.

Mellor, J.W. Comprehensive treatise on inorganic and theoretical
chemistry. London, Longmans, Green, 1922-37. 16v. (Suppl.
2, Pts. 1-2, 1956-59; others projected.)

Merck index of chemicals and drugs; an encyclopedia for the
chemist, pharmacist, physician and allied professions. 6th ed.
Rahway, N.J., Merck Co., 1952.

Organic reactions. New York, Wiley, 1942-57. 9v.

Organic syntheses; an annual publication of satisfactory methods for the preparation of organic chemicals. 1921. Annual. New York, Wiley.

Rodd, E.H., ed. Chemistry of carbon compounds, a modern comprehensive treatise. New York, Amsterdam, Elsevier, 1951+. 5v. (projected) in 8 ? parts.

Scott, W.W. Standard methods of chemical analysis. 5th ed. New York, Van Nostrand, 1939. 2v.

Van Nostrand chemist's dictionary. Princeton, N.J., Van Nostrand, 1953.

Civil and sanitary engineering; Building construction.

Abbett, R.W., ed. American civil engineering practice. New York, Wiley, 1956-57. 3v.

American Institute of Steel Construction. Steel construction; a manual for architects, engineers, and fabricators of buildings and other steel structures. 5th ed. New York, The Institute, 1947.

Creager, W.P. and Justin, J.D. Hydroelectric handbook. 2nd ed. New York, Wiley, 1950.

Davis, C.V., ed. Handbook of applied hydraulics. 2nd ed. New York, McGraw-Hill, 1952.

Hansen, H.J., ed. Timber engineers' handbook. New York, Wiley, 1948.

Hool, G.A. and Johnson, N.C. Concrete engineers' handbook; data for the design and construction of plain and reinforced concrete structures. 2nd ed. New York, McGraw-Hill. (in press)

Ketchum, M.S. Structural engineers' handbook; data for the design and construction of steel bridges and buildings. 3rd ed. New York, McGraw-Hill, 1924.

King, H.W. Handbook of hydraulics for the solution of hydraulic problems. 4th ed. New York, McGraw-Hill, 1954.

Merritt, F.S., ed. Building construction handbook. New York, McGraw-Hill, 1958.

reference works

- Probst, E.H. and Comrie, J., eds. Civil engineering reference book. London, Butterworths Scientific Publs., 1951.
- Ramsey, C.G. Architectural graphic standards for architects, engineers, decorators, builders and draftsmen. 5th ed. New York, Wiley, 1956.
- Seelye, E.E. Data book for civil engineers. New York, Wiley, 1951. 3v.
- Timber Engineering Company. Timber design and construction handbook. New York, F.W. Dodge Corp., 1956.
- Trautwine, J.C. Civil engineers reference book. 21st ed. Ithaca, New York, Cornell Univ. Press, 1937.
- U.S. Forest Products Laboratory, Madison, Wisconsin. Wood handbook: basic information on wood as a material of construction with data for its use in design and specification. Washington, Gov't. Printing Office, 1955.
- U.S. Bureau of Reclamation. Concrete manual; a manual for the control of concrete construction. 6th ed. Denver, Colo. [Gov't. Printing Office] 1955.
- Urquhart, L.C. Civil engineering handbook. 4th ed. New York, McGraw-Hill, 1959.

Electrical engineering.

- American Radio Relay League. Radio amateur's handbook, a manual of amateur high frequency radio communication. Annual. Hartford, Conn., American Radio Relay League.
- Henney, Keith, ed. Radio engineering handbook. 5th ed. New York, McGraw-Hill, 1959.
- Hunter, L.P., ed. Handbook of semiconductor electronics; a practical manual covering the physics, technology and circuit applications of transistors, diodes and photocells. New York, McGraw-Hill, 1956.
- International Telephone and Telegraph Corporation. Reference data for radio engineers. 4th ed. New York, The Corporation, 1956.

- Knowlton, A.E., ed. Standard handbook for electrical engineers. 9th ed. New York, McGraw-Hill, 1957.
- Pender, H. and others, eds. Electrical engineers' handbook. 4th ed. New York, McGraw-Hill, 1957.
- Sarbacher, R. I. Encyclopedic dictionary of electronics and nuclear engineering. Englewood Cliffs, N. J., Prentice-Hall, 1959.
- Truxal, J.G., ed. Control engineer's handbook; servomechanisms, regulators and automatic feedback control systems. New York, McGraw-Hill, 1958.

Geology and geophysics.

- American Geological Institute. A glossary of geology and related sciences. Washington, The Institute, 1957.
- American Meteorological Society. Meteorological glossary. Boston, Mass., The Society, 1957.
- Berry, F.A. and others, eds. Handbook of meteorology. New York, McGraw-Hill, 1945.
- Chambers's mineralogical dictionary. New ed. New York, Chemical Publ. Co., 1948.
- Dana, E.S. and Hurlbut, C.S. The system of mineralogy. 7th ed. New York, Wiley, 1944-51. 2v.
- Hey, M.H. An index of mineral species and varieties. 2nd ed., rev. London, British Museum, 1955.
- Lahee, F.H. Field geology. 5th ed. New York, McGraw-Hill, 1952.
- National Research Council. Handbook of physical constants. (Geol. Soc. of America, Spec. Paper no. 36.) New York, Geological Society of America, 1942.
- Smithsonian meteorological tables. 6th ed. Washington, Smithsonian Institution, 1951.
- U.S. Dept. of Agriculture. Climate and man, yearbook of agriculture, 1941. Washington, Gov't. Printing Office, 1941.
- U.S. Bureau of Mines. Minerals yearbook, 1957. Washington, Gov't. Printing Office, 1958-59.

reference works

Mathematics.

- Burington, R.S. Handbook of mathematical tables and formulas. 3rd ed. Sandusky, Ohio, Handbook Publishers, 1948.
- Burington, R.S. and May, D.C. Handbook of probability and statistics with tables. Sandusky, Ohio, Handbook Publishers, 1953.
- Comrie, L.J., ed. Barlow's tables of squares, square roots, cube roots and reciprocals of all integers up to 12,500. 4th ed. New York, Chemical Publishing Co., 1952.
- Comrie, L.J. Chamber's six-figure mathematical tables. Edinburgh, W. & R. Chambers, 1948-49. 2v.
- Dwight, H.B. Mathematical tables of elementary and some higher mathematical functions. 2nd ed. New York, Dover, 1958.
- Dwight, H.B. Tables of integrals and other mathematical data. 3rd ed. New York, Macmillan, 1957.
- Gröbner, W. and Hofreiter, N., eds. Integraltafel. Wien, Springer, 1957, 1950. 2v. (v. 1, 2nd ed.)
- Jahnke, E. and Emde, F. Tables of functions with formulae and curves. (Funktionentafeln mit Formeln und Kurven). 4th ed. New York, Dover, 1945.
- James, G. and James, R.C., eds. Mathematics dictionary. Multilingual ed. Princeton, N.J., Van Nostrand, 1959.
- Peirce, B.O. A short table of integrals. 4th ed. Rev. by Ronald M. Foster. Boston, Mass., Ginn, 1956.
- Peters, J. Seven-place values of trigonometric functions. New York, Van Nostrand, 1942.
- Schütte, K., ed. Index mathematischer Tafelwerke und Tabellen aus allen gebieten der Naturwissenschaften. Munchen, R. Oldenbourg, 1955. (Text in German and English.)
- Spenceley, G.W. and others. Smithsonian logarithmic tables to base e and base 10. Washington, Smithsonian Institution, 1952.
- Vega, G. Seven place logarithmic tables of numbers and trigonometric functions. New York, Hafner, 1957.

Mechanical engineering.

American Society of Heating and Air Conditioning Engineers. Heating, ventilating, air conditioning guide. Annual. New York, The Society.

American Society of Mechanical Engineers. ASME handbook. New York, McGraw-Hill, 1953-58. 4v.

American Society of Refrigerating Engineers. Air conditioning, refrigerating data book. New York, The Society, 1955. 2v. (v. 1, 9th ed.; v. 2, 5th ed.)

Diesel engineering handbook. 9th ed. New York, Diesel Publications, 1955.

Hetenyi, M., ed. Handbook of experimental stress analysis. New York, Wiley, 1950.

Johnson, A.J. and Auth, G.H. Fuels and combustion handbook. New York, McGraw-Hill, 1951.

Keenan, J.H. and Kaye, J. Gas tables; thermodynamic properties of air, products of combustion and component gases, compressible flow functions including those of Ascher H. Shapiro and Gilbert M. Edelman. New York, Wiley, 1948.

Keenan, J.H. and Kaye, J. Thermodynamic properties of air, including polytropic functions. New York, Wiley, 1945.

Keenan, J.H. and Keyes, F.G. Thermodynamic properties of steam, including data for the liquid and solid phases. New York, Wiley, 1936.

Kent, W. Mechanical engineers' handbook. 12th ed. New York, Wiley, 1950. 2v.

Machinery's handbook; a reference book for the mechanical engineer. . . and machinist. . . 16th ed. New York, Industrial Press, 1959.

Marks, L.S. Mechanical engineers' handbook. 6th ed., edited by T. Bauermeister. New York, McGraw-Hill, 1958.

Miner, D.F. and Seastone, J.B., eds. Handbook of engineering materials. New York, Wiley, 1955.

reference works

Society of Automotive Engineers. 1957 SAE handbook. New York, The Society, 1957.

Mining and metallurgy.

American Foundrymen's Society. Cast metals handbook. 4th ed. Des Plaines, Ill., 1957.

American Society for Metals. Metals handbook. Cleveland, Ohio, The Society. 1948. (2 suppl., 1954-55)

American Welding Society. Welding handbook. 3rd ed. New York, The Society, 1950.

Hampel, C.A., ed. Rare metals handbook. New York, Reinhold, 1954.

Merriman, A.D. Dictionary of metallurgy. London, Pitman, 1958.

Osborne, A.K., comp. An encyclopedia of the iron and steel industry. New York, Philosophical Library, 1956.

Pearson, W.B. Handbook of lattice spacings and structures of metals and alloys. New York, Pergamon Press, 1958.

Peele, R. and Church, J.A., eds. Mining engineers' handbook. 3rd ed. New York, Wiley, 1941. 2v.

Smithells, C.J., ed. Metals reference book. 2nd ed. New York, Interscience, 1955.

Uhlig, H.H., ed. The corrosion handbook. New York, Wiley, 1948.

Nuclear engineering.

Etherington, H., ed. Nuclear engineering handbook. New York, McGraw-Hill, 1958.

Physics.

American Institute of Physics. Physics handbook. New York, McGraw-Hill, 1957.

Condon, E.U. and Odishaw, H. Handbook of physics. New York, McGraw-Hill, 1958.

- Forsythe, W.E. *Smithsonian physical tables*. 9th rev. ed. Washington, Smithsonian Institution, 1954.
- Frisch, O.R., ed. *The nuclear handbook*. London, G. Newnes, 1958.
- Glazebrook, Sir R.T., ed. *A dictionary of applied physics*. Reprint ed. Gloucester, Mass., Peter Smith, 1950(c1922-23). 5v.
- Gray, H.J., ed. *Dictionary of physics*. London, Longmans, Green, 1958.
- Handbuch der physik (Encyclopedia of physics)*. Ed. by S. FLügge. Berlin, Springer, 1956+. v. 1+(in progress)
- International dictionary of physics and electronics*. Princeton, N.J., Van Nostrand, 1956.
- Kaye, G.W.C. and Laby, T.H. *Tables of physical and chemical constants*. 11th ed. London, Longmans, Green, 1955.
- Maerz, A.J. and Paul, M.R. *Dictionary of color*. 2nd ed. New York, McGraw-Hill, 1950.
- Menzel, D.H. *Fundamental formulas of physics*. New York, Prentice-Hall, 1955.
- National Research Council. *Conference on Glossary of Terms in Nuclear Science and Technology. A glossary of terms in nuclear science and technology*. New York, American Society of Mechanical Engineers, 1957.

History of science and technology.

- Sarton, G. *Introduction to the history of science*. Baltimore, Md. Published for Carnegie Institution of Washington by the Williams and Wilkins Co., 1927-48. 3v. in 5.
- Singer, C.J. and others, eds. *A history of technology*. Oxford, Clarendon Press, 1954-58. 5v.