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RECENT REFERENCE MATERIALS IN PHYSICS AND ELECTRONICS. (AND RELATED SUBJECTS)

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RECENT REFERENCE MATERIALS IN PHYSICS AND ELECTRONICS
(and related subjects)
An Annotated List of Selected Titles

Raphaella Kingsbury

January 1971

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RECENT REFERENCE MATERIALS IN PHYSICS AND ELECTRONICS
(and related subjects)

An Annotated List of Selected Titles

by

Raphaella Kingsbury
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Lawrence Radiation Laboratory, Berkeley


Lecture V: PHYSICS AND ELECTRONICS

Items  1-9   A. Guides to Sources and Literature
10-29   B. Directories
30-35   C. Biography
36-40   D. Dictionaries
41-56   E. Encyclopedias and Handbooks
57-62   F. Tables and Compendiums
63-68   G. Indexes and Abstracts
69-74   H. Guides to Meetings
75-80   I. Translations
81-82   J. Miscellaneous
         K. Publishers of Scientific Books

A. GUIDES TO BASIC SOURCES AND BIBLIOGRAPHIES


A guide to atomic energy literature, as well as to the organizations which originate information in this field. Bibliographic references at ends of chapters and indexes by subject, author, and organization.


(Request from University.)

A 2-volume annotated bibliography on the "political science of science" includes English language books,
monographs, government documents, whole issues of journals (in v.1), and journal articles (v.2), covering the period from 1945 to 1967. An excellent source of literature on public policy, undertaken for the National Science Foundation.


An excellent guide to literature of use to those involved with electronics, including basic and regularly revised published reference books in the categories: encyclopedias and dictionaries; handbooks and yearbooks; trade directories; literature guides of books, periodicals, subject bibliographies, and abstract journals; standards; tables; components handbooks; terminology, and sources of information.


A most valuable guide to national and international data centers and projects with a logical subject arrangement and good indexes. A guide to sources and literature.


This is the second edition of Bibliography of Directories of Sources of Information published by FID 1960. The change of title indicates the scope of this most valuable guide to guides or bibliographies. The table of contents, introduction, and indexes are in English, French, Russian, Spanish and German, but the annotations of materials are in English. A usable tool which will be updated at intervals.


An extensive bibliography with coordinate index derived from the indexing project at the Electronic Properties Information Center (EPIC), Hughes Aircraft Co., Culver City, Ca. An excellent tool in the field.

Includes more than 2000 titles.


Intended as a supplement to the McGraw-Hill Encyclopedia of Science and Technology, it may be useful as a separate guide and selection tool.


Annotated, classified listing of new books in the pure and applied sciences, this is useful in selection of books for use by all grades from elementary to advanced, symbols indicating reading level, recommendations, etc.

B. DIRECTORIES


Aimed for the betterment of academic physics departments, this unique "Directory" provides information on professional and scientific organizations; educational organizations; government and quasi-government agencies; foundations; and other organizations of help in science education. The Appendices answer further questions on physics curricula and research. Recommended for public, academic, and special libraries.


This membership list, compiled from the AIP computer mail lists, appears annually as an issue of the APS Bulletin, and is helpful in locating physicists at present addresses. (The same is true for membership directories of other organizations such as American Nuclear Society, IEEE, etc.)

This publication assembles much background, statistical, and directory information on atomic energy developments and activities. Volumes are planned for other areas of the world, also revision of the first volume.


Compiled from information received from 662 organizations, this directory is arranged in four sections: business enterprises, private nonprofit organizations, educational institutions, and government establishments; with geographic and personnel indices.


The Directory section provides a bibliography and reviews of recent data processing books, as well as directories of computer centers, institutes, organizations, data processing products and services, and a list of computers and computer systems. The first part of the book contains articles on the "state-of-the-art." Subsequent editions may prove its value.


Including 1578 centers in 62 countries, the Directory lists for each center the institution, address, radiotherapist, physicist, unit model (with manufacturer), and dosage data.


This is the first edition that includes astronomy and astrophysics, as well as Central American institutions. The institution entries arranged geographically, but institutions and individuals are indexed alphabetically.


Originally published in 1965. Research establishments (including universities as well as government agencies and industrial research centers) are grouped by country, with indexes of institution names in both the
original language and English. Directory-type information and subject of research are given. A useful reference tool to supplement other directories, such as World of Learning, World Nuclear Directory, etc.


   A most valuable directory of nongovernmental industrial research firms, this latest edition provides not only up-to-date information on firms and their laboratories, the names of the parent firms being arranged alphabetically, but also indexes by subject, location and personnel. Although a guide to United States companies, it also lists the overseas laboratory divisions.


   An experimental first edition compiled from the ICTP card index of theoretical physicists from developing countries. Entries include information on 446 physicists from 39 countries arranged alphabetically from Afghanistan to Vietnam. Future editions, if any, will prove its usefulness as the directory includes names and places not listed elsewhere.


   A new annual since 1968, covering the authors who published the previous year and were listed in Current Contents, arranged in three sections: Author; organization; and geographic. This is of some use in that it is essentially an author-address index for a current year of publishing scientists, but expensive.


   A new and useful directory giving academic departments and faculties and faculty and geographical indexes of universities, as well as lists of laboratories, international organizations and societies, and current information on meetings, grants, awards, research, journals, and books in print. Similar directories are being published for chemistry, mathematics, and biology.


This directory includes membership lists and information on the organization, committees, and activities of the National Academy of Sciences, National Research Council, and National Academy of Engineering (established in 1964).


A guide to location of services that provide information and documentation in natural sciences, agriculture, and medicine. Arranged by country with an alphabetical list of institutions and subject index. More than a directory, this is a valuable guide to sources of information and their publications.


Companion volume to above title, providing information in the technical area.


Directory of 119 federally supported information analysis centers with information on mission, scope, and services of each. Indexes by directors' names, locations, organizations, and subject.

The entries in this directory are drawn from the center register of the National Referral Center, and therefore are not comprehensive nor selective. Arranged alphabetically by name of organization, the directory gives address, telephone number, and brief description of resources of center or library.


Arranged alphabetically by country, with an international section at the beginning, this is an invaluable and easily used reference on atomic research. Under each country are entries for government agencies, universities, industrial firms, etc. A comprehensive index helps to locate specific institutions.


Up-to-date directory of government, industrial, academic, and foreign organizations involved in space, including personnel and other useful information. Addresses and telephone numbers given; current issue sufficient.

C. BIOGRAPHY


11th ed. The Physical and Biological Sciences, Suppl. 2, 4, 5, 6-. 1967-. $10 to $20 per vol.

The supplementary service includes new biographies and new data on the biographies in the basic set. Volumes 1 and 3 were superseded, but the others remain to be used with the 11th ed. until publication of the 12th ed. (possibly later this year). This is an indispensable reference set for living American scientists.


Supplement to the McGraw-Hill Encyclopedia of Science and Technology, this provides biographical data and noteworthy achievements of the subjects, with references to background information in the encyclopedia.

Brief biographical sketches grouped by country, based on information from questionnaires before July 1966. Limited value.


This edition contains more than 22,000 entries, compared with 8,500 in the first edition of 1959. A most valuable biographical reference.


More than 30,000 entries include professional information and addresses of Western Europeans in the natural and physical sciences, medicine, and agriculture. Useful.


A useful comprehensive biographical dictionary for any library. The end papers give a quick view of Nobel Prize Winners in chronological order.

D. **DICTIONARIES**


A standard reference work including abbreviations for government agencies, associations and degrees; abbreviations for use on drawings, letter symbols; graphic symbols; color codes; and electronic designations.


Includes letter symbols, alphabetically by symbol and alphabetically by definition, mathematical signs and symbols; abbreviations for scientific and learned societies; and abbreviations for government agencies.


Definitions of scientific terms are given in basic English for the benefit of students and laymen.

The total of more than 10,000 entries is indicative of the use of initials and acronyms in science and technology. The list is alphabetical by abbreviations, with a selective subject index.


Includes abbreviations of the Department of Defense and an alphabetical listing of Research Report code numbers, as well as the basic list indicated in title.

E. ENCYCLOPEDIAS AND HANDBOOKS


First issued in 1957, this handbook provides authoritative information in physics, on definitions, units, constants, formulas, etc. Includes a selected bibliography of compilations of mathematical tables and list of mathematical functions frequently used by physicists. Professional-technical level. New edition announced.


v. 1: Brain; v. 2 Lung and Heart. This is a current development in medical atlases and related to the field of nuclear science in that it deals with medical diagnosis through radionuclide scanning. An essential addition to the medical library.


An authoritatively written encyclopedia, combining features of dictionary and encyclopedia, the book is designed to be useful to high school and college students, practicing physicians, and research scientists, who need information on the background and present status of effects and uses of atomic energy.

Concise signed articles on physics and related areas, such as astrophysics, geophysics, and biophysics. Intended for physicists who need information outside their special field, as well as for librarians, teachers, engineers, and other scientists.


A one-volume compendium with chapters by specialists and a good index. A professional handbook for scientists and engineers.


Standard work with subject and author indexes and multilingual glossary (English, French, German, Spanish, Russian, Japanese).

Suppl. 1-. New York: Pergamon, 1966--. $20 per vol.

Volumes in the supplementary series "are designed to deal with new topics in physics and related subjects, new development in topics previously covered and topics left out of earlier volumes."


Prepared under the sponsorship of NASA, the book is directed to readers with an elementary knowledge of physics, chemistry, and other sciences which can be served by space research. Name and subject indexes but no bibliographies.


Provides a convenient source of basic information on radioactive nuclides, instrumentation, dosimetry, and applications, as well as on general radiation protection. Compilation of data from published sources. Valuable for libraries serving chemists, industry, medical sciences and physicists, and also research students.


The Encyclopedia of Physics, with volumes on separate subjects and articles in German, French, or English, but
recent additions mainly in English. This is the scientists' encyclopedia and belongs in academic and science libraries. Although the set has no published index, the material in the volumes is indexed in the Abstract Journals and referenced in published literature. Individual volumes are catalogued separately as monographs.


Replaces the 1st four-volume edition of 1963, but not a major revision. The book contains more than 4,000 signed articles, arranged alphabetically and including more than 1,000 short biographies, with a detailed index and graded bibliography. It is well illustrated, and intended for the nonscientists. Excellent for all levels of students and the public, the encyclopedia is recommended for school, home, and small public libraries that cannot afford the more expensive and specialized McGraw-Hill encyclopedia.


First edition in 1960 was kept up-to-date with yearbooks and is still useful. Some changes, revisions, and additions have been made, with a topical as well as analytical index. A good general science encyclopedia for public and school libraries, as well as academic and special libraries. The material is authoritative and illustrated intended to provide information to the reader on subjects outside his field.


Organized in 100 logical chapters for quick reference and convenient browsing, this specialized handbook includes more than 3,000 modern electronic circuits complete with values for all parts.


Well written articles on specific topics by specialists, reports on recent developments, and a biographical section on recent science award winners. Indexed. Useful in school and public libraries.


A technical reference book for engineers and staff; includes diagrams, charts, tables, etc.

   Includes topics of current concern to scientists and engineers who are engaged in research and development of aerospace systems. Sections on geodesy, gravity, winds, atmospheric optics, lunar environment, etc.


   Comprehensive one-volume encyclopedia on sciences and technology, the latest edition reflecting advances, developments, and shifts in emphasis of recent scientific research and including new entries. Good for general users.

F. **TABLES AND COMPENDIUMS**


   An essential one-volume compendium of numerical tables of mathematical functions to satisfy the demands of scientists and engineers.


   This is the enlarged and revised edition of the 1956 title: *Tabellen der Electronenphysik, Ionenphysik Und Ubermikroskopie*, which early edition has been translated into English and is available as *Tables of Electron Physics and Electron Microscopy*, 2 v. in 5, available from the government clearinghouse under report numbers AD-254520 through 254524. Approximate cost $30. Invaluable tables for physics specialists.


   First edition issued in 1962 as supplement to the CRC *Handbook of Chemistry and Physics*, this is a useful compendium of tables and formulae for chemistry, physics, and engineering, with a section on mathematical abbreviations and symbols.

Title pages and some text in English as well as German. Title of groups indicate subject coverage: Group I, Nuclear Physics and Technology, 1961-; Group II, Atomic and Nuclear Physics, 1965-; Group III, Crystal and Solid State Physics, 1966-; Group IV, Macroscopic and Technical Properties of Matter (in preparation); Group V, Geophysics and Space Research (in preparation); Group VI, Astronomy, Astrophysics, and Space Research, 1965-.


Previous editions appeared in Reviews of Modern Physics, 1940-58. This is the first updating in 10 years, covering publications to Jan. 1966; the project of scanning literature and evaluating data is in progress at the Lawrence Radiation Laboratory-Berkeley, in cooperation with the Nuclear Data Group at the AEC Oak Ridge National Laboratory, to compile revised and additional data for the 7th edition a few years hence.


Formerly these sheets were issued in sets by the National Academy of Sciences-National Research Council and distributed at intervals to subscribers for insertion in loose-leaf binders (to allow for deletions and additions). The Nuclear Data Group at the AEC Oak Ridge National Laboratory is now publishing the data in Section B of the journal Nuclear Data, and each issue offers new data and revisions of the older Nuclear Data Sheets which can be discarded, so that eventually this new set will supersede the binders.

G. INDEXES AND ABSTRACTS


v. 1-3, as Control Abstracts. This serial is the newest of the Science Abstracts; Series A: Physics Abstracts, and Series B: Electrical and Electronic Abstracts, have been published continuously since 1898. These abstracts cover all forms of original publications, such as periodicals, books, dissertations, technical reports, and patents. Comprehensive
subject and author indexes are published twice yearly for each of the series. Comprehensive indexes also include cumulations of the bibliography, book, conference, patent, and report indexes to be found in each issue. This is valuable for searching new books or recent conferences in print.


IAA is an abstracting and indexing service covering the world's published literature in the field of aeronautics and space science and technology, including journal articles, conference papers, books, and translations of journal articles. Research reports are not included because these are indexed in NASA Scientific and Technical Aeronautical Reports (STAR). IAA and STAR both utilize identical subject categories and indexes, and the two indexes together provide comprehensive coverage of report and published literature in space sciences. Cumulative quarterly indexes and annual indexes for subject, personal authors, contracts and report numbers. Of interest to all in physical sciences.


This is not a new title, having been published since 1947 and identified with the age of nuclear science, but it is mentioned here as the most valuable index for all the fields of nuclear science. International and comprehensive in scope, it includes books, technical reports, conference proceedings and papers, translations, journal articles, and patents. The 5-year author and subject cumulated indexes facilitate searches, and -- since the middle of 1966-- the NSA tapes have made it possible to provide advance information on subjects and authors weeks before the NSA issues appear in print. These tapes, furthermore, are being used in computer searching. Note: There may be a change forthcoming because of new developments in international cooperation with the IAEA. See also item 68.

*66. **Science Citation Index, 1961-.** Philadelphia: Institute of Scientific Information; 1961-. Quarterly with annual cumulation. $1250 to hospitals; $1950 to others.

A computer-produced, international and interdisciplinary index to the literature of science, medicine, agriculture, and technology. The unique aim of this index is to provide access to related articles by indicating sources in which a known article by a given author has been cited. This brings together much related material that cannot be
touched by standard indexing, especially when an author
is cited because his technique has been applied. Of value
to many scientists, but expensive.

67. **Scientific and Technical Aerospace Reports.** Washington, U.S.
National Aeronautics and Space Administration, 1963- .
v. 1- . Semimonthly. $54 per year.

Supersedes Technical Publications Announcements,
and, as **STAR** is an important index with wide coverage.
For details, see annotation for **International Aerospace
Abstracts**.

Extension. **Serial Titles Cited in Nuclear Science
Available from NTIS at $3.

As with all abstract journals and indexes, a list of
the serials from which abstracts are made is invaluable
NSA has always included a list of journals in certain issues;
but this new publication, designated TID-4579, is helpful
in identifying the names of scientific and technical serials.
The listing is alphabetical by abbreviated titles as cited
with the complete title printed beneath and other useful
code symbols in the margin.

**H. GUIDES TO MEETINGS**

White Plains, N.Y.: InterDok Corp., 1965- . Monthly
except July and Aug.; annual cumulation. $38 per year.

Chronological listing of current available published
proceedings of conferences, meetings, and symposia,
with indexes according to editor, location, and sponsor
and subject. International and comprehensive.

*70. **International Atomic Energy Agency. Meetings on Atomic
1969- . Quarterly. $3 per year.

Supersedes its **Conferences, Meetings, Training
Courses in Atomic Energy, no. 1-57, Apr. 1959-Nov. 1968.**

World-wide list of conferences, exhibitions, and
training courses on subjects directly or indirectly related
to nuclear energy and its peaceful uses. Although an
advance notice, the publication includes also full infor-
mation on published proceedings of the IAEA meetings.

*71. **Proceedings in Print.** v. 1, no. 1- . Oct. 1964- . [Mattapan,
Mass]. Bimonthly. $20.

Originally a publication of the SLA Aerospace Division,
the index was meant to cover published proceedings of conferences pertinent to aerospace technology, but coverage was expanded to other fields of science, technology and medicine, and -- with vol. 3, no. 3 -- to all published conference proceedings regardless of subject. Citations with full information as to publisher and price are entered by accession number, with a subject and agency index in each issue. Cumulative index for each volume.


January 1971. [Available as government document, TID-4044]

The original publication (TID-4043 (Rev. 3)) is an index to conferences abstracted from 1957 through 1965. The recent publication (TID-4044) updates conference information from 1966 through 1970, but does not supersede the first-mentioned. The above indexes include references to meetings as indexed in Nuclear Science Abstracts, and, therefore, cover papers as well as published proceedings. Indexes are by permuted titles and cities; by dates; numbered conferences; and report numbers. A title list at the end refers to the NSA abstracts.


Issues for September 1963-January 1967 had title Technical Meetings Index. Information on scientific, engineering, and medical meetings to take place during the 2-year period following date of issue.


Companion to World Meetings: United States and Canada, above. Provides information on meetings to take place in Europe, Latin America, Africa, Asia, and Australia.

Both announcement lists are helpful not only for identifying and locating scientific meetings but also for predicting publication of proceedings.
I. TRANSLATIONS


Compilation of information on cover-to-cover translations into English of foreign language journals, giving original and translated titles, publication dates, and sources. Journal titles are entered as cited in Chemical Abstracts, etc., rather than in Library of Congress form. A valuable aid for providing "instant translation service."


Compilation of translations made through 1966 and previously indexed in Technical Translations and other indexes. This does not truly supersede other listings but provides a convenient one-volume index of journal citations and patents, indicating the order number and availability source of each translation. Journal titles are given as cited, not in L.C. form. Weaknesses: no personal author or report number approach, and many errors in arrangement. A valuable volume, nonetheless, and supplemented by the serial, Translations Register-Index, 1967- (see below).

*77. Translations Register-Index, v.1, no. 1-. Chicago: National Translations Center, 1967-. Semimonthly. $50 per year. (Quarterly and annual indexes.)

Compiled and edited by the National Translation Center, Chicago, this was originally sponsored by the Special Libraries Association, but the publication information as given above is current. Successor to Technical Translations and supplement to Consolidated Index of Translations into English, this serial lists new accessions to NTC but includes in the index portions, by journals and patents, references to translations available from other sources and announced elsewhere. Journal title arrangement is by citation form with no author approach, except in limited cases -- for monographs and conference papers. Technical reports are now being included with the journal citations with the term REPORT being used in place of a journal title. A "must" subscription for scientific research libraries.


The translation lists provide complete information on translations issued prior to 1965. Entries are arranged alphabetically by the translation report numbers and give title, author, source, availability, and price. Indexes are by personal author and journal citations. Author approach valuable.


This serial continues the announcements of translations completed or in process from 1965 on. The USAEC Translation List Index lists the translations by author, source, and report number, but refers to the monthly USAEC Translation List for complete information. Thus the Index and lists have to be used together. However, a new revision of the first-mentioned title [TID-4025 (1st rev.)] may supersede this latter title, but not the current monthly lists, which are most helpful.

*80. World Index of Scientific Translations, no. 1-. Jan./March 1967-. Delft: European Translations Centre, 1967-. Quarterly with annual cumulation. $25 per year.

Index by name of periodical from which translation was made, using the formal entry of the title, thus differing from all other aforementioned indexes. Emphasis on translations from Russian and other Slavic languages, as well as Chinese and Japanese. Another translation source index, but these translations will be available through the National Translation Center.

J. MISCELLANEOUS


A convenient and comprehensive reference book to
assist students, scholars, and guidance counselors in finding opportunities at home and abroad.

82. Free Educational Pamphlets for Schools and Individuals:

<table>
<thead>
<tr>
<th>Understanding the Atom series</th>
<th>(all levels);</th>
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<tbody>
<tr>
<td>World of the Atom series</td>
<td>(junior high school).</td>
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</tbody>
</table>

Information pamphlets in these series have been prepared by subject specialists in a number of areas and are available upon request from

USAEC Division of Technical Information Extension
P. O. Box 62
Oak Ridge, Tenn. 37830
K. PUBLISHERS OF SCIENTIFIC BOOKS

The following publishers' lists and announcements are excellent sources for current information of scientific books and journals.

Academic Press
111 Fifth Avenue, New York, New York 10003.

American Elsevier Publishing Company
52 Vanderbilt Avenue, New York, New York 10017.

W. A. Benjamin
2 Park Avenue, New York, New York 10016.

Marcel Dekker, Inc.
95 Madison Avenue, New York, New York 10016.

Gordon & Breach
150 Fifth Avenue, New York, New York 10011

McGraw-Hill
330 West 42nd Street, New York, New York 10036.

North-Holland see American Elsevier.

Pergamon Press
Fairview Park, Elmsford, New York 10523.

Plenum Publishing Corporation
114 Fifth Avenue, New York, New York 10011.

Springer-Verlag New York, Inc.
175 Fifth Avenue, New York, New York 10010.

UNIPUB, Inc.
P. O. Box 433, New York, New York 10016.
(contact for publications of the International Atomic Energy Agency.)

John Wiley & Sons
605 Third Avenue, New York, New York 10016.
GUIDES TO SOURCES AND LITERATURE


A new book intended for the student but of value to the practicing librarian and scientist in presenting various types of materials in science and technology, such as: patents, technical reports, standards, trade literature.


A comprehensive and authoritative volume of 40 chapters covering practically all areas of chemical technology and with excellent bibliographies. Highly recommended.

DIRECTORIES

c. *Directory of Chemical Producers*. Stanford Research Institute, 1971. 1300 p. $120.00

Replacing the older 6 loose-leaf binders, this new hard-bound 1-volume edition is of value in current chemical market research. This edition is to be kept up-to-date with quarterly cumulative supplements and replaced each year with a new edition. Regional directories (Eastern, Southern, Mid-West and Western) are also available to subscribers at $25.00 per volume or $80.00 per set.

A handy-sized and readable directory of value in any science library. International in scope, the book includes faculties in chemistry and biochemistry (not chemical engineering) of accredited universities, government research laboratories, societies, awards, publications, etc.

DICTIONARIES AND ENCYCLOPEDIAS


Although this is an old dictionary, having existed for 47 years, the 7th edition deserves special mention for current value to busy chemists, students and scientists. For each entry, it provides not only description but also the properties, source, use, manufacturer and shipping regulations. Trademarks and safety warning are also included. Recommended for all libraries.


Another updating of an old title, this edition replaces the 1948 printing. The words and names appearing in this book are in common usage and may or may not be actual trade names. The book is of value in any library for the lay or scientific public, but in future editions "proprietary" claims will be recorded to differentiate between popular and registered names.


Recognized as the authority for chemical definitions for many years and cited in patent and litigation suits, it has long been out-of-date. The last edition was published in 1944. Therefore, this new edition can be recommended as a "new" book. Although the Condensed Chemical Dictionary may be better in many ways, HACKH will always be requested by the experienced chemists.


Covering 103 elements, the book gives the nature, properties and behavior of each. Of use to students and the public.

Useful information on controlling accidents, injuries, fires and losses in laboratories. Tables of chemical hazard information, data on hazards from radioactive sources, high energy materials, plasma torches, lasers, cryogenics.


Another current revision of an older title, this work provides a single source for quick, up-to-date, concise hazard-analysis information about over 12,000 common industrial and laboratory materials. It includes information about substances, hazard analyses and counter measures. In recognition of the present interest in the environment, a new section has been added on control of environmental pollution. An extremely useful reference for any library.

k. Chemical Abstracts Service Source Index (formerly ACCESS) Columbus: Chemical Abstracts Service, 1969. 1370 p. $100.00

Chemical Abstracts Service Source Index Quarterly. $75.00/yr.

A most valuable service for all physical and biological sciences, this publication includes entries of serials and non-serials abstracted by Chemical Abstracts since 1907, those covered by Chemisches Zentralblatt since 1830, and those cited by Beilstein's Handbuch der Organischen Chemie prior to 1907. For over 10,000 currently published serials, the holdings of 400 libraries are given. Thus the index is not only valuable for identifying citations but also for locating the material. It is highly recommended for all libraries, for the use of librarians and scientists.

l. Chemical Titles 1961- Columbus, American Chemical Society bi-weekly. $60 per yr.

"A concordance to chemical research papers" provides "current awareness" in the form of an index. Covering approximately 700 journals, this publication is essentially a key-word index to published articles with a bibliographic section of journal table of contents and author index to the bibliography. Chemical Titles provides the key to the literature prior to indexing in Chemical Abstracts, and the tape service of CT gives pre-publication information.
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