

TECHNICAL REPORT INDEXES

Technical reports are an important source of research information, particularly for engineering. Indexes to technical reports are located in the Reference area in CSEL. To locate a report by subject in one of these indexes, first consult the subject index section. If you don't find any listings at your initial idea, look under other words which represent the same concept.

The indexes provide a reference number which guides you to the correct abstract. Note this number and look it up in the abstracts volume or section. The abstract entry provides slightly different information in each source, but all give identifying information and a short abstract. The abstract summarizes what the report is about. It should provide enough information to enable you to decide whether you want to read the full report.

1. Government Reports Announcements and Index

Z 7916 G78

U.S. Department of Commerce, National Technical Information Service (NTIS).

NTIS serves as a clearinghouse for all scientific, technical, and engineering reports produced through government-sponsored research. Reports can be looked up in the indexes through key-word (subject), personal or corporate author, contract or grant number, and NTIS order or report number. The index gives a volume number followed by a dash and an abstract number. Use these to find the entry in the announcements section.

Abstract entries contain useful information including NTIS order number, availability and price information, author, and a descriptive summary or abstract of the report. We have some NTIS reports on 'fiche arranged by NTIS order number--the bold-face letter/number combination just below the abstract number. Other reports may be obtained through InterLibrary Loan or directly from NTIS. GRA&I contains ordering information if you are interested in obtaining a personal copy. The NTIS CD-Rom database (1983+) is available for free searching at CSEL.

2. Energy Research Abstracts.

TJ 163.2 U5445

U.S. Department of Energy, Office of Scientific and Technical Information.

ERA provides indexing and abstracting for all energy-related subjects: sources, supplies, safety, environmental impacts, and regulations. Any material originating with DOE is included: scientific and technical reports, journal articles, conference papers and proceedings, books, patents, and theses. Energy information in report-form from federal and state governments is included, as well as reports from domestic and foreign universities and research organizations. Index access points include corporate author, personal author, subject, and contract or report

numbers. Index entries supply volume and abstract numbers which you use to locate the item in the abstracts section.

Abstract entries provide report number, title, corporate or personal author, date, availability, and the abstract. Citation information is included for journal articles. Use the report number--a letter/number combination enclosed in parentheses-- to locate the report. Our collection includes most DOE reports on microfiche. Paper copies may be in the Government Information collection at Zimmerman Library. Reference staff can check for you.

3. NASA/STAR (NASA Scientific and Technical Aerospace Reports)

TL 500 S35

NASA. Scientific and Technical Information Branch.

NASA/STAR indexes all aspects of aeronautics or space research and development. Any scientific and technical publications which fall into these subject categories are eligible for inclusion: NASA contractor and grantee reports; reports issued by other Government agencies, domestic and foreign institutions, universities or private firms; translations in report form; NASA-owned patents and applications; and dissertations and theses. STAR does not include journal, book or conference literature--try International Aerospace Abstracts, TL 500 I57, for those. Index access is available through subject, personal author, corporate source, contract number, and report/accession number. The index supplies an accession number--a boldface number beginning with an N--which refers you to the abstracts section.

Abstract entries provide NASA accession number, corporate source, author, title, and availability, in addition to the abstract itself. Any entry with both "*" and "#" should be a part of our microfiche collection, filed by the accession number. Some NASA series are also received in paper and are available for checkout; consult with the reference staff.

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