are discussed in at least four different places in the text, are an example of this. Unfortunately, the index, which might have been expected to bring them together, contains only one page reference to them. The author has partially compensated for this omission by including them in a table showing sources of presidential texts on p. 200–01.

More complete bibliographical information in the captions for the illustrations, possibly even the inclusion of SuDocs numbers, where applicable, would have been a help to readers who wish to consult the items shown.

While Morehead’s style is usually clear, he is sometimes carried away. As an example, I cite this sentence (p. 31), which could surely have been expressed more tersely: “The words ‘diminished re-

sources,’ that shibboleth of the current decade, find their quintessential para-
digm in the appropriations for the depository library enterprise.” There are also times when descriptions offer little elucidation. If the reader does not already know what an “engrossed bill” is, I defy him to figure it out from the information given on p. 137, which simply states the color of paper it is printed on. It is true that the persevering reader will find a definition of such a bill on p. 146, but he must get to it without help from the index.

In spite of these defects, the work does present a masterful compilation of information on current U.S. federal government documents and presents what could easily be an overwhelming mass of detail in a clear and logical fashion.—Gloria Westfall, Indiana University Library.

ABSTRACTS

The following abstracts are based on those prepared by the ERIC Clearinghouse of Information Resources, School of Education, Syracuse University.

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Designed to assist library managers in conducting effective cost studies, this document provides a summary of the data for the eighty-one member libraries that responded to a survey of technical services cost studies conducted by the Association of Research Libraries (ARL) in April 1982 and seven reports of such studies. These reports, which range from terse state-


Library Services for the Distant Learner, the Clarion State College Libraries’ Experience. By Gerard B. McCabe. 13p. 1983. ED 232 684. MF—$0.83; PC—$1.82.

This paper presents the experience of Clarion State College Libraries in supporting an off-campus program offered for graduate library science students in Harrisburg, Pennsylvania, and discusses the rationale for off-campus continuing education library service. Descriptions are given of the development of the off-campus
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library science program and the methods used to provide library materials in support of the program for the Dauphin County Public Library, the Pennsylvania State Library, and Clarion State College's own campus library. There is also a brief discussion of the accreditation of off-campus programs. Reasons for the full library support of off-campus programs are provided, as well as a list of recommendations for library support requirements and an expression of advocacy for state or regional standards covering off-campus library support.

Academic Ambitions and Library Development: The American Bureau of Industrial Research and the State Historical Society of Wisconsin, 1904-18. Occasional Paper no.159. By John Calvin Colson. University of Illinois at Urbana-Champaign, Graduate School of Library and Information Science. 1983. 56p. ED 232 697. MF—$0.83; PC—$4.82. Intended to contribute to a better understanding of research library development in the United States, this report describes the history of the development of the library of the State Historical Society of Wisconsin from 1904 to 1918. It is based on records of the relationships between three principals—John R. Commons and Richard T. Ely (members of the University of Wisconsin faculty) and Reuben Gold Thwaites (superintendent of the society)—and their associates and subordinates at the two institutions. From a rich mixture of personal ambitions, institutional and personal interactions, variant perceptions of the functions of libraries, and other factors, the library of the society was developed during the period 1904 to 1918 into—among other things—a major center for the study of the trade union movement in the United States. The development of the library resulted from the working of a complex collecting effort by an agency—the American Bureau of Industrial Research—connected administratively to neither the society nor the university. Afterward, the society continued the collecting program begun by the bureau, but in a substantial degree of dissociation from the conditions that led to the library's earlier development. The author's vita and numerous references are included in this report.

Recent Developments in the Theory of Information Retrieval. By Abraham Bookstein. Royal Inst. of Tech. Library, Stockholm (Sweden). TRITA-LIB-6019. 1982. 29p. ED 232 691. MF—$0.83; PC—$3.32. Recently considerable attention has been given in the online information retrieval literature to techniques for producing a weighted output of documents in response to a request. One approach tries to maintain the form of and relationships between requests as they appear in current Boolean log-based systems, while extending it to permit a weighted output. It is based on the mathematics of fuzzy-set theory, which assigns each potential member of a set a degree of membership between zero and one with intermediate values denoting partial membership in the set. Another approach is based on the mathematics of probability. It represents requests by sets of terms, and, by means of feedback information, assigns a weight of each term. Documents are ordered by the sum of weights of the terms in the request that match those in the documents. This paper provides an overview of both approaches and their advantages and disadvantages. It also outlines a basic theory of information retrieval, discusses the characteristics and problems of using Boolean logic in information retrieval, and lists areas for continuing research. An appendix de-
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research publications
scribing mathematical constraints on fuzzy-complements and a twenty-one-item bibliography conclude the paper.


This publication presents information on federal and state programs that fund library and other book-related projects. Federal programs described provide funding for: (1) library services (Title I, Library Services and Construction Act/LSCA); (2) instructional materials and school library resources (Title IV-B, Elementary and Secondary Education Act/ESEA); (3) inexpensive book distribution for reading motivation (Section 231, ESEA); (4) assistance to medical libraries (Title III-J, Public Health Service Act); (5) the National Agricultural Library; (6) college library resources (Title II-A, Higher Education Act); and (7) strengthening research library resources (Title II-C, Higher Education Act). Fact sheets for each state present names of state education and library officials, school enrollment figures, data on textbook sales, and other related information. Allocation charts for various programs and a glossary are also provided. Appendixes include a list of federal information centers, a description of the Center for the Book in the Library of Congress (LC), 1979 statistics for the sixty largest academic libraries, a rank order listing of public libraries with a million or more volumes, excerpts from related federal legislation, descriptions of ERIC clearinghouses and services, a guide to Office of Education programs, and a list of officers and chapters of the Professional Booksellers of America (PBA).


In 1980, a study was conducted for the Association of Research Libraries (ARL) by Information Systems Consultants (ISCI), which led to the establishment of the ARL Microform Project. Based on a three-part survey, to which a total of 848 academic, government, public, and special libraries responded, the ISCI study covered (1) general microform cataloging policy; (2) microform set holdings and bibliographic control, focusing particularly on cataloging of titles within microform sets; and (3) priorities for producing machine-readable cataloging for titles within sets. The ARL Microform Project was established in 1981 to assist North American libraries, microform publishers, bibliographic cooperatives, and the Library of Congress (LC) in improving bibliographic access to titles in microform sets. The program's six main objectives focus on the areas of library cataloging, set processing, universal availability of records, publisher cataloging, preservation, and standards. The primary tool for accomplishing these objectives is an online database containing information (collected in the ISCI survey) on more than eight hundred microform sets. This publication presents an overview of the ARL Microform Project; summaries of the three-part ISCI study; and two lists of microform set titles in alphabetical and numerical order (using four-digit set project codes).


The views of practicing librarians, library directors, and library school teachers are presented in this series of papers on the educational needs of those planning to work in academic and special libraries, particularly scientific and technological research libraries. Included are (1) "New Trends in Education of Librarians and Documentalists in the Federal Republic of Germany," by Paul Kaegbein; (2) "Ideal Staff for Technological University Libraries," by Elin Tornudd (Finland); (3) "Education for Work in Special Libraries in New Zealand," by Peter Durey; (4) "Education for Information Intermediaries, an Example from the School of Information Studies, Syracuse University, N.Y.," by Gunnel Hessler (Sweden); (5) "Training Junior Staff in a Major Research Library for Science and Technology," by Peter Warren and Dennis Shaw (United Kingdom); (6) "Education for Special Librarianship in the United States," by Kathleen T. Bivins; (7) "The Swedish School of Library and Information Science and the Education of Librarians for Special Libraries," by Chagan Lalloo; (8) "Continuing Education in the 80s: Thoughts of a Service Librarian," by Patricia Gebhard (United States); (9) "Information Transfer: A Conceptual Model for Implications for Library Education," by Roger Greer (United States); and (10) "Qualifications Required of Staff Members at University of Technology Libraries," by Sven Westberg (Sweden).
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