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(Thematic issue for library mechanization)

PETHES Iván – TOLNAI György

BIBDOS (BIB[liographical] DO[cumentary] S[ystem assisted by computer]). Complex computerized library and documentary system.—The article presents the system indicated in the title. The system based on the modified MARC II ensures that all library and documentary services should be available to users—in case of non-recurring processing in complete depth. The structured information are capable in the course of the computerized data processing in a parametric calling-in system, to satisfy (optional current and retrospective selective) requirements of arrangement and listing. Both the processing activity and the service system function according to the relevant Hungarian and international standards. BIBDOS, assisted by the computer type ICL 1500/E functions the third year in running order and is capable of meeting the service demands of small, medium-sized and large institutions alike. BIBDOS is the result of the collective development activity of several years, carried out by the scientific workers of the National Management Development Centre Department of Scientific Information and of the Computing Institute of the Ministry of Labour. 495–512. p.

SZABÓNÉ HORVÁTH Beáta

MECHANIZED SUB-SYSTEM FOR ACQUISITION.—The article deals with the mechanization of acquisition and within it with the automation of periodical recording. An old problem of libraries is that they cannot record up-to-date their journals and other periodicals, they cannot observe the missing issues and signal in time. The solving lies in the so-called „matrix system”. The point is that it prepares as many matrixes of all journals and other periodicals as are expected to arrive in the given month. If some of the arrivals does not occur the matrix item remains on the order band and indicates the deficiency. This method is during its preparation time and work consuming but is a well utilizable aid of periodical recording. 513–523. p.

ANDRE, Leslie T.

THE JOURNAL COLLECTION AND ITS AUTOMATION IN THE BOOTH LIBRARY (USA).—The Booth Library was among the first libraries becoming aware of the importance of computers. Its lending system, functioning since September 1968, is among the first on line mechanized lending systems of the world (Booth Library On line

Circulation = BLOC). Starting with the year 1971 the Library introduced the Booth Library Integral Serials System (BLISS) in order to carry out the administrative tasks connected with periodical publications (owing to financial reasons it functions so far off line). The article written explicitly for our journal reports on the products of the BLISS and among them on one of the most important products is: the list of current journals.

524–527. p.

HORVÁTH Tibor

AUTOMATED CLASSIFICATION.—The author of this study arranges his messages round three questions. In the first part he discusses the classification or rather the fundamentals of classifying. He does it in such a way that the processes of classical logic are compared with those principles on which clustering is based. He outlines the difficulties of both processes and quotes examples from different sciences. The second part sums up the essential of clustering on the basis of the literature in question. He examines in detail three out of the described similarity functions and deals with the selection of the input parameters and with the types of clusters. The study closes with a short chapter dealing with the possibly adoptions in the field of information storage and retrieval, as well as with the future of automated classification.

528–542. p.

SZABÓ László

MECHANIZED LENDING SYSTEMS.—The automation of lending plays an increasingly important role in the library use of computerized technology. West-European and overseas experiments have two fundamental directions. The introducing of automated lending systems, is based on programme organization and on the utilizing of new technical equipments. The former is well illustrated by the punchedcard system functioning in the Technical University Library of Southampton. The latter is produced—among others—by the Plessey Telecommunication Ltd. The Plessey automated library lending system is based on an optical reader of signs—the so-called luminous pencil—and with its assistance the line-code identification numbers of books and readers are „readable” quickly and without mistake. The article presents, in addition to the detailed description of the system, a number of already functioning American mechanized lending systems, as well as the experiments carried out in this direction by the Swedish Bibliotekstjänst.

543–552. p.

TOLNAI György

DATA INPUT PROBLEMS OF THE COMPUTERIZED INFORMATION SYSTEMS.

1. Part.—This article, consisting of two parts (the second part will be published in the next

issue of Könyvtári Figyelő) summarizes the data input problems of the computerized information system. The first part discusses theoretical problems which determine the establishment of the input-side in the machine system. The author deals with the role of standardization, record structure, character set. He emphasizes the importance of the joint evaluation as regards the often opposite aspects, the significance of the optimum search among the possible versions. The second part analyzes the data sheets, data structures and correcting system of seven mechanical information systems, adopted in Hungary. The examples demonstrate the way from the simple to the most complex solving. The rich illustration presents the various technical solutions and those of comfort too. The survey offers possibilities to the planning of input-questions and to the evaluation of the existing solving. 553–560. p.

DÖMÖTÖR Lajosné

AUDIO-VISUAL METHODS IN THE TRAINING OF LIBRARY USE.—Working groups consisting of university library representatives prepared in England sound slide series which are applicable for the training of library use and literary search. The Central Library of the University of Chemical Industry at Veszprém purchased some of them and acquired an instrument suitable for their play back. In this way the audio-visual method is introduced in the training of library use and literary search. The Library plans to make its own sound slide series on the basis of the gained experiences. 561–564. p.

HARASZTI Pálné – SASFI Imre

MODERN LIBRARY BOOK CONVEYANCE AND STORAGE SYSTEMS.—The authors deal, in the first place, with the book conveyance and storage questions of large libraries, throwing light on the Hungarian development trends too. Considering the library activities they analyze the criterions of selecting the book conveyance system; the survey the methods for the mechanized automated library conveyance and storage. The article is illustrated by rich figure material. 565–580. p.

HEGYKÖZI Ilona – TREMKÓNÉ MESZLENY Mária

INFORMATION SERVICE ON TOOLS AND EQUIPMENTS FOR LIBRARY AND INFORMATION WORK.—This service functions within the Interantional Information Service of Information Theory and Practice and is built in the International Scientific and Technical Information System. The Centre for Library Science and Metho-

dology is one of its basis organs. The subject specialization of its prospectus and data collection is: audio-visual technology, reprography, microfilmtechnics, organization technology and computer technology. Its loose lead edition, including signalling information, is edited in Hungarian, Russian and English languages and informs on the tools and equipments utilizable in the course of planning, equipping and working processes of libraries. In addition, it offers selective information, too. The article describes the plans, worries connected with the Service and presents a selection out of the materials of prospectuses.

581–592. p.

Outlook

MIHAJLOV, A. I. – TARASOV, Je. V. – KULEBJAKIN, A. Z.

SETTING UP A NETWORK OF AUTOMATED SCIENTIFIC-TECHNICAL INFORMATION CENTRES.—Summary of the article entitled Osnovnye principii postroenija seti avtomatizirovannyh centrov NTI, published in Nauchno-Technicheskaja Informacija, Ser.1. 1977. 11–12.no. 5–12.p.

593–597. p.

SEIDMANN, Ady

EURONET. Information network of European Community.—Summary of the article entitled The Euronet Solution, published in Nachrichten für Dokumentation, 29.vol. 1978. 1.no. 15–18.p.

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SACHS, W. M. – MEDITZ, M. L. – ACKOFF, R. L.

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601–606. p.

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THE EFFECT OF THE INTRODUCTION OF ON LINE FACILITES ON THE CHOICE OF SEARCH TOOLS.—Summary of the article published in The Information Scientist, 12.vol. 1978. 1.no. 25–31.p.

607–609. p.

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VICKERS, P. H.

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MEZEI György

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DRANOV, Paula: Microfilm: The Librarians' view, 1976–77. White Plains, N.Y., Knowledge Industry Publications, 1977. 101 p. (Ism.: SÁRDY Péter) 631–636. p.