

THE MODERNISATION OF BIBLIOGRAPHICAL INFORMATION IN THE FIELD OF COMPUTER SCIENCE

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The library of the third millenium will be the node of a great network of information. It must completely cover the information explosion. Librarians' work will be part of the overall effort of collecting, processing, organising and furnishing pertinent information. This cannot be diffused in a single format, in the form of books. The requirements of beneficiaries have begun to be oriented towards information in magnetic format: diskettes, video cassettes, etc.

We edited a brochure to facilitate the recovery of books in the field of computer science, from the systematic catalogue. The impressive number of informatics publications makes quick information retrieval almost impossible. Readers have difficulties with the system of classification (books have up to six or seven indexes, and some new concepts have no indexes at all). The changing of this system is still impossible from the perspective of librarianship. However, the brochure offers an auxiliary model of classification, a more practical one, for speciality libraries.

The bibliography entitled "*Modernisation of bibliographic information in the field of computer science*" is a selection of computer science books which entered the collections of the Library of the Faculty of Mathematics and Informatics especially after 1990, as well as some books which were published before, but are still required by the reading public. The brochure has a practical aim: it springs from the need for a representative and useful bibliographic catalogue.

The novelty of the work consists of the modern classification of books (ACM Computing Classification System). Universal Decimal Classification does not correspond to actual requirements in the permanently changing field of computer science.

Our system of classification is both literal and numerical; the idea originates from the Computing Reviews periodical (January 1997). The tree-structure system of classification is easily adaptable to work on computers.

The bibliography is processed by computer (in FOX PRO and ACCESS); information can be accessed on computers at the Library of the Faculty of Mathematics and Informatics. Another useful aspect is that information from the

traditional database (the description of bibliographic units) can be selected by a program according to Mathematics Subject Classification.

Works in every field are grouped alphabetically and divided in two categories:

- books in Romanian
- books in foreign languages

The simplification of classification is evident. For example:

'Computer graphics'

UDC	ACM COMPUTING Classification	MSC
741/.744 681.32 681.322 : 741/.744 519.682 "C"	I.3	68R10 (05Cxx, 90B10, 90C35)

'Databases'

UDC	ACM COMPUTING Classification	MSC
519.687.4*1 519.256 519.683.5*1 519.687.7*1 681.3.006"Fox PRO" 681.3.066*1 681.3.07	H.2 E.5	68P15

'Artificial Intelligence'

UDC	ACM COMPUTING Classification	MSC
007.52 681.325.6 681.3.069 681.3.04"LISP"	I.2	68Txx (92J40)

One can observe that besides the numerical simplification of classification, books are grouped more compactly.

The brochure wishes to be in line with professional marketing which presupposes a better informing of the public about the library collections. It is

addressed to specialists as well as students. Thus, the appendix of the brochure contains the bibliography for the first year curricula of the Faculty of Informatics. A very useful and original aspect of the brochure is that information from the database (text file) can be copied on diskette.

The system of classification answers the requirements of this specific field (computer science) and is flexible: the range of topics can be extended. It underlines the idea of transition from complete library collections to selected ones; it is useful to create the actual collection of most often used books. As Mircea Eliade says, "We must not read bad or mediocre books, and must not read good books at inopportune moments."