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Contents page

Olson, H.A. (1999). **Exclusivity, Teleology and Hierarchy: Our Aristotelean Legacy.**
Knowledge Organization, 26(2). 65-73. 16 refs.

ABSTRACT: This paper examines Parmenides's *Fragments*, Plato's *The Sophist*, and Aristotle's *Prior Analytics, Parts of Animals* and *Generation of Animals* to identify three underlying presumptions of classical logic using the method of Foucauldian discourse analysis. These three presumptions are the notion of mutually exclusive categories, teleology in the sense of linear progression toward a goal, and hierarchy both through logical division and through the dominance of some classes over others. These three presumptions are linked to classificatory thought in the western tradition. The purpose of making these connections is to investigate the cultural specificity to western culture of widespread classificatory practice. It is a step in a larger study to examine classification as a cultural construction that may be systemically incompatible with other cultures and with marginalized elements of western culture.

Neelameghan, A. (1999).: **Lateral Relations and Links in Multicultural, Multimedia Databases in the Spiritual and Religious Domains: Some obervations.**
Knowledge Organization, 26(2), 74-79. 2 refs.

ABSTRACT: This paper describes a proposal for a new approach to thesaurus design and construction that could have significant implications for change in the way multilingual thesauri are handled and integrated with each other. The formula presented here has its origin in the work of the German Thesaurus Committee and has had input from a number of scientists and practitioners in the field. The emphasis is on the various types of relationships found among concepts, notions and universals in languages. These relationships are analysed and refined beyond the approach taken in existing thesauri. This proposal is very much at the discussion stage and the author invites the assistance of interested readers through criticisms, discussion and dialogue. Applications of the proposed thesaurus are included and the major goal of this proposal is to provide the basis for improved design and integration of multilingual thesauri.

Tinker, A.J., Pollitt, A.S., O'Brien, A., Braekevelt, P.A. (1999). **The Dewey Decimal Classification and the Transition from Physical to Electronic Knowledge Organisation.** *Knowledge Organization, 26(2).* 80-96. 31 refs.

ABSTRACT: The physical organisation of items on library shelves using any classification scheme is inevitably a compromise. The best efforts to achieve an arrangement that is helpful to users will be thwarted by the multifaceted nature of these items and the specific needs of the user and the library. Items on a particular subject will be scattered throughout the library building(s) across disciplines, by physical form, by frequency of use and whether and for how long they may be borrowed. Even though the rich information content of multifaceted items may be represented in the notation, the items required by a user will be scattered across library shelves when the item is placed in a single relative location. This paper explores these issues using examples from a University Library classified using the Dewey Decimal Classification Scheme (DDC). The electronic context of the library OPAC can transcend the constraints imposed by the predominantly physical nature of library collections, yet the current use of classification schemes in on-line systems retains many of these limitations. Examples of such systems applying DDC on the World Wide Web are discussed and compared with a system that seeks to use DDC in what is called view-based searching. The interface and the resulting browsing and searching capability of a View-Based Online Public Access Catalogue (OPAC) are described. Ways in which subject access to library collections can be improved and disciplinary scatter resolved by assigning multiple class numbers to items and exploiting the rich Dewey structure in a faceted form are discussed. It is suggested that the informative power of visual classificatory structures at the search interface will be beneficial to the broader learning experience of the user. The paper concludes that the application of classification schemes in electronic interfaces should not be bound by the physical constraints that no longer apply in an electronic context but be exploited to provide a complete, flexible and individual interface as determined by the needs of each user.

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Editors

Prof. Clare BEGHTOL (Acting Editor-in-Chief), Faculty of Information Studies, University of Toronto, 140 St. George Street, Toronto, Ontario M5S 3GB, Canada.
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Dr. Stephen A. POLLITT, CeDAR Centre for Database Access Research, School of Computing & Mathematics, The University of Huddersfield, Queensgate, Huddersfield HDI 3DH, U.K.

Dr. M. P. SATIJA, Guru Nanak Dev University, School of Library and Information Science, Amritsar-143 005, India

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Dr. Otto SECHSER, In der Ey 37, CH-8047 Zürich, Switzerland

Dr. Dagobert SOERGEL, College of Library and Information Services, Hornbake Bldg. (So. Wing), Room 4105, University of Maryland, College Park, MD 20742

Dr. Eduard R. SUKIASYAN, Chief Editor of the Library-Bibliographical Classification, Russian State Library, 3 Vozdvizhenka Str., Moscow, 101000 Russia

Dr. Elaine SVENONIUS, Graduate School of Education and Information Studies, UCLA, 5380 ½ Village Green, Los Angeles, CA 90016

Prof. Dr. Harald ZIMMERMANN, Softex, Schmollerstrasse 31, D-66111 Saarbrücken, Germany

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Editor-in-chief (Editorial office)

Prof. Clare BEGHTOL (Acting Editor-in-Chief), Faculty of Information Studies, University of Toronto, 140 St. George Street, Toronto, Ontario M5S 3GB, Canada
Fax +1 (416) 971-1399; E-mail: beghtol@fis.utoronto.ca

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Manuscripts should be submitted in English only to the editor-in-chief in two double-spaced copies and should be accompanied by an indicative abstract of 100 to 200 words. After manuscripts are accepted for publication in *Knowledge Organization,* they must be provided on a 3.5" diskette encoded in Word, WordPerfect, or ASCII text. Our preference is Word 6.0 (or later). Diskettes should not be sent until requested by the editor.

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Reference citations within the text should have the following form: (author, year). For example, (Jones, 1990). Specific page numbers are optional e.g. (Jones, 1990, p.100). A citation with two authors would read (Jones & Smith, 1990); three or more authors would be: (Jones et al., 1990). When the author is mentioned in the text, only the date and optional page number should appear in parenthesis – e.g. According to Jones (1990), ...

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Graesser, A., Person, N. & Huber, J. (1992). Mechanisms that generate questions. In T. W. Lauer, E. Peacock, & A. C. Graesser (Eds.). *Questions and Information Systems.* Hillsdale, NJ: Lawrence Erlbaum Associates. 167-187.

Sager, J.C. (1990). *A Practical Course in Terminology Processing.* Amsterdam: John Benjamins.

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Scope

The more scientific data are generated in the impetuous present times, the more ordering energy needs to be expended to control these data in a retrievable fashion. With the abundance of knowledge now available the questions of new solutions to the ordering problem and thus of improved classification systems, methods and procedures have acquired unforeseen significance. For many years now they have been in the focus of interest of information scientists the world over.

Until recently, the special literature relevant to classification was published in piecemeal fashion, scattered over the numerous technical journals serving the experts of the various fields such as

philosophy and science of science
science policy and science organization
mathematics, statistics and computer science
library and information science
archivistics and museology
journalism and communication science
industrial products and commodity science
terminology, lexicography and linguistics

Beginning 1974, KNOWLEDGE ORGANIZATION (formerly INTERNATIONAL CLASSIFICATION) has been serving as a common platform for the discussion of both theoretical background questions and practical application problems in many areas of concern. In each issue experts from many countries comment on questions of an adequate structuring and construction of ordering systems and on the problems of their use in opening the information contents of new literature, of data collections and survey, of tabular works and of other objects of scientific interest. Their contributions have been concerned with

(1) clarifying the theoretical foundations (general ordering theory/science theoretical bases of classification, data analysis and reduction)
(2) describing practical operations connected with indexing/classification, as well as applications of classification systems and thesauri, manual and machine indexing
(3) tracing the history of classification knowledge and methodology
(4) discussing questions of education and training in classification
(5) concerning themselves with the problems of terminology in general and with respect to special fields.

Aims

Thus, KNOWLEDGE ORGANIZATION is meant to be a programme for the improvement of classification methods and processes, a forum for discussion for all those interested in the organization of knowledge on a universal or a subject-field scale, using concept-analytical and/or concept-synthetical approaches as well as numerical procedures and comprising also the intellectual and automatic compilation and use of classification systems and thesauri in all fields of knowledge, with special attention being given to the problems of terminology.

KNOWLEDGE ORGANIZATION publishes original articles, reports on conferences and similar conmunications, the Newsletters of the International Society for Knowledge Organization (ISKO News) and the Committee on Classification Research of the International Federation for Information and Documentation (FID/CR News) as well as book reviews, letters to the editor, and an extensive annotated bibliography of recent classification and indexing literature, covering some 500 items in each issue.

KNOWLEDGE ORGANIZATION should therefore be available at every university and research library of every country, at every information center, at colleges and schools of library and information science, in the hands of everybody interested in the fields mentioned above and thus also at every office for updating information on any topic related to the problems of order in our information-flooded times.

KNOWLEDGE ORGANIZATION was founded in 1973 by an international group of scholars with a consulting board of editors representing the world's regions, the special classification fields, and the subject areas involved. From 1974-1980 it was published by K.G. Saur Verlag, München. Back issues of 1978-1992 are available from ERGON-Verlag, too. (The 14 volumes of 1978-1992 are offered now at the highly reduced price ofDM 200,-)

As of 1989, KNOWLEDGE ORGANIZATION has become the official organ of the INTERNATIONAL SOCIETY FOR KNOWLEDGE ORGANIZATION (ISKO) and is included for every ISKO-member, personal or institutional in the membership fee (US $ 55/US $ 110).

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