

# Knowledge Organization

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**International Journal**

Devoted to Concept Theory,  
Classification, Indexing, and  
Knowledge Representation



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# KNOWLEDGE ORGANIZATION

KO

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Irving, H. B. (1997). Computer-assisted indexing training and electronic text conversion at NAL. *Knowledge Organization* 24(1). p.4-7. 3 refs.

The Indexing Branch of the National Agricultural Library (NAL) has launched a project to move from their traditional one-on-one method of training novice indexers to a computer-based, largely self-directed training program. CAIT, the Computer-Assisted Indexing Tutor, has been designed to standardize, streamline and improve the quality of indexer training. In addition, to support the increased need for all NAL indexers to more fully utilize microcomputers for indexing production, the Branch investigated the "reinvention" of paper versions of frequently used indexing tools as electronic references. (Author)

Riggs, F. W. (1997). Onomantics and Terminology (Part IV): Neologisms, neoterisms, meta-terms, phrases, and pleonisms.

*Knowledge Organization* 24(1). p.8-17. 10 refs.

Parts I to III of this series have examined the terminology of Terminology by contrast with the vocabulary of Onomantics and identified some of the differences and difficulties revealed by a close study of ISO-1087, the most important glossary for terminologists. Part IV, finally, offers a speculative explanation of these problems. My central hypothesis is that an aversion to neologisms – especially newly coined words – impedes the introduction and acceptance of new concepts. The pressure for standardization of terminology compounds this difficulty. There are three kinds of neologisms: 1. newly coined words (neoterisms), 2. phrases composed of familiar words (phrasal tags) and 3. familiar words for which new meanings have been stipulated (meta-terms). Neologisms in the form of phrases containing familiar words are often found in ISO 1087. Some perplexing ambiguities in ISO 1087 occur when new meanings are stipulated for familiar words, creating terminological metaphors ("meta-terms") that are often obscure. Such meta-terms abound in the terminology of Terminology. Increased willingness to accept well-formed new words (neoterisms) would greatly simplify the development of a more adequate terminology for Terminology. The use of pleonasms is recommended as a technique to overcome ambiguity by linking familiar words having new meanings (meta-terms) to

new words for the same concepts (neoterisms) and as a simple way to facilitate the introduction of such neoterisms. (Author)

Satija, M. P. (1997). The future and revision of Colon Classification.

*Knowledge Organization* 24(1). p.18-23. 21 refs.

The Colon Classification (CC) was first published by its founder, S.R. Ranganathan, in 1933. Since then it has undergone seven revisions, the most recent being 1987. Although it became India's de facto national classification system, it is falling into disuse, and its perpetuation as a viable system is currently jeopardised. The author identifies a number of reasons for this trend. For example, the CC lacks the institutional support that benefits other modern systems such as the DDC, UDC, and LCC. The author offers a number of specific suggestions for preserving and revitalising the system. (Author)

Essers, J. and Schreinemakers, J. (1997). Nonaka's subjectivist conception of knowledge in corporate knowledge management.

*Knowledge Organization* 24(1). p.24-32. 11 refs.

In recent years management and business studies have witnessed the emergence of a new field of activity, named corporate knowledge management (CKM). The primary goal of this management discipline is to enhance and improve the use of knowledge as a corporate resource in organizations. Theoretical and practical initiatives in this area of management, however, have met with some difficulty regarding the conception of knowledge that should guide these efforts. This paper critically examines the contribution of Nonaka (1994) to this conceptual problem. While we support Nonaka's reasons for choosing a subjectivist epistemology in this managerial context, we argue that he is seriously misguided with regard to the philosophical and managerial ramifications of his choice. Consequently, we doubt whether Nonaka's views can serve as a successful paradigm for corporate knowledge management. (Authors)

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#### Instructions for Authors

*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.

*Criteria for acceptance* will be appropriateness to the field of the journal (see Scope and Aims), taking into account the merit of the contents and presentation. The manuscript should be concise and should conform to professional standards of English usage and grammar. Manuscripts are received with the understanding that they have not been previously published, are not being submitted for publication elsewhere, and that if the work received official sponsorship, it has been duly released for publication. Submissions are refereed, and authors will usually be notified within 6 to 10 weeks. Unless specifically requested, manuscripts and illustrations will not be returned.

The text should be structured by numbered subheadings. It should contain (a) an *Introduction*, giving an overview and stating the purpose, (b) a *main body*, describing in sufficient detail the materials or methods used and the results or systems developed, and (c) a *conclusion or summary*.

*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), ...

*References* should be listed alphabetically by author at the end of the article. Journal names should not be abbreviated. Multiple citations by the same author should be listed chronologically and should each spell out the author's name. Articles appearing in the same year should have the fol-

lowing format: Jones, T. (1990a) ... , Jones, T. (1990b) ...  
Examples:

Dahlberg, I. (1978). A referent-oriented, analytical concept theory for INTERCONCEPT. *International Classification*, 5(3). 142-151.

Graesser, A., Person, N., and Huber, J. (1992). Mechanisms that generate questions. In T. W. Laufer, 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.

Sukiasyan, E. R. (1996). Change as a problem of classification system development. In R. Green (Ed.). *Knowledge Organization and Change: Proceedings of the 4<sup>th</sup> International ISKO Conference*. Frankfurt: Indeks Verlag. 119-122.

*Footnotes* should be kept to a minimum. They should be indicated in the text with numbered superscripts, and the corresponding notes should be collected at the end of the article, before the *references*, under the heading *Notes*.

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# KNOWLEDGE ORGANIZATION

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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 numerical taxonomy/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 process, 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 communication, 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 now 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 IC 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 of DM 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 \$ 50/US \$ 100).

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