

Knowledge Organization

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Knowledge Representation



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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). **Onomastics 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 Onomastics 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 pleonisms 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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Editors

Mr. Charles T. GILREATH (Editor-in-Chief), 217 NW 34th Drive, Gainesville, FL 32607 USA

Dr. Ingetraut DAHLBERG, Woogstr. 36a, D-60431 Frankfurt, Germany

Dr. Robert FUGMANN, Alte Poststrasse 13, D-65510 Idstein, Germany

Prof. Hanne ALBRECHTSEN (ISKO News Editor), The Royal School of Librarianship, Birketinget 6, DK-2300 Copenhagen S, Denmark

Dr. Werner BIES (Book Review Editor), Forststr. 52, D-12163 Berlin, Germany

Drs Gerhard RIESTHUIS (Literature Editor), Liendenhof 60, NL-1108 HB Amsterdam, Netherlands

Prof. Dr. Nancy WILLIAMSON (FID/CR News Editor), Faculty of Information Studies, University of Toronto, 140 St. George Street, Toronto, Ontario M5S 3G6 Canada

Consulting Editors

Prof. Dr. Ulf G. BARANOW, Rua Ubaldino do Amaral 580, Apto. 51, BR-80060-190, Curitiba - PR, Brazil

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Dr. Roland HJERPPE, Dept. of Computer and Information Science, Linköping University, S-58183 Linköping, Sweden

Dr. Barbara H. KWASNIK, School of Information Studies, Syracuse University, 4-206 Ctr. for Science & Tech., Syracuse, NY 13244-4100

Dr. Jaques MANIEZ, 61 Rue de la Corve, F-21000 Dijon, France

Dr. Ia C. MCILWAINE, Director: School of Library, Archive & Information Studies, University College London, Gower Street, London, WC1E 6BT, U.K.

Dr. Francis MIKSA, Graduate School of Library and Information Science, University of Texas at Austin, SZB 564, Austin, TX 78712-1276

Ms. Joan S. MITCHELL, Editor: Dewey Decimal Classification, Library of Congress, Washington, D.C. 20540-4330

Dr. Giliola NEGRINI, Consiglio Nazionale della Ricerche, Ist. di Studi sulla Ricerca e Doc. Scientifica, Via Cesare De Lollis, 12, I-00185 Rome, Italy

Ms. Annelise Mark PEJTERSEN, Systems Analysis Dept., Risoe National Laboratory, P.O. Box 49, DK-4000 Roskilde, Denmark

Dr. Stephen A. POLLITT, CeDAR Centre for Database Access Research, School of Computing & Mathematics, The University of Huddersfield, Queensgate, Huddersfield HD1 3DH, U.K.

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

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, Deputy Director, 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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ERGON-Verlag, Grombühlstr. 7, GER-97080 Würzburg,
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Editor-in-chief (Editorial office)

Mr. C. Gilreath, 217 NW 34th Drive, Gainesville, FL 32607
USA; Phone +1 (352) 373-6891; Fax: +1 (352) 373-6924;
E-mail: gilreath@grove.ufl.EDV

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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.

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.

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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. 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.

Sukiasyan, E. R. (1996). Change as a problem of classification system development. In R. Green (Ed.). *Knowledge Organization and Change: Proceedings of the 4th 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*.

Illustrations should be kept to the necessary minimum. Graphs and diagrams should be supplied as black and white drawings suitable for reproduction. Half-tone illustrations should be sharp, well-contrasted glossy prints. Illustrations should be numbered lightly with a soft pencil on the back, and a numbered legend should be attached on a separate sheet. Clear copies of the illustrations should accompany the submitted manuscript, but camera-ready originals should not be sent until requested by the editor. *Tables* should contain a number and a title at the top, and all columns and rows should have headings. All illustrations should be cited in the text as Figure 1, Figure 2, etc. or Table 1, Table 2, etc.

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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.

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