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Kasahyap, Madan Mohan. (2003). **Likeness Between Ranganathan's Postulations Approach to Knowledge Classification and Entity Relationship Data Modelling Approach.** *Knowledge Organization*, 30(1). 1-19. 31 refs.

ABSTRACT: This paper describes the *Postulations Based Approach to Facet Classification* as articulated by **S. R. Ranganathan** for knowledge classification and for the design of a facet scheme of library classification, and the *Entity-Relationship Data Modelling and Analysis Approach* set by **Peter Pin-Sen Chen**; both further modified by other experts. Efforts have been made to show the parallelism between the two approaches. It points out that, both the theoretical approaches are concerned with the organisation of knowledge or information, and apply almost similar theoretical principles, concepts, and techniques for the design and development of a framework for the organisation of knowledge, information, or data, in their respective domains. It states that both the approaches are complementary and supplementary to each other. The paper also argues that Ranganathan's postulations based approach or analytico-synthetic approach to knowledge classification can be applied for developing efficient data retrieval systems in addition to the data analysis and modelling domain.

Szostak, Rick. (2003). **Classifying Scholarly Theories and Methods.** *Knowledge Organization*, 30(1). 20-35. 35 refs.

ABSTRACT: This paper develops a simple yet powerful typology of scholarly theory, based on the 5W questions: "Who?", "What?", "Where?", "When?", and "Why?". It also develops a list of the twelve distinct methods used by scholars. These are then evaluated in terms of the 5W questions. Classifying theory types and methods allows scholars and students to better appreciate the advantages and disadvantages of different theory types and methods. Classifications of theory and method can and should be important components of a system for classifying scholarly documents. Researchers and students are presently limited in their ability to search by theory type or method. As a result, scholars often "re-invent" previous research of which they were unaware.

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Editor-in-chief (Editorial office)

Dr. Hope A. OLSON (Editor-in-Chief), Joanne MILLEMAN (Editorial Assistant), School of Information Studies, University of Wisconsin Milwaukee, PO Box 413, Milwaukee, Wisconsin 53201, USA
Fax: +1 (414) 229-4848; Email: olson@sois.uwm.edu

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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 communications, 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.

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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