

IC

CLASSIFICATION

INTERNATIONAL

Devoted to Concept Theory  
Systematic Terminology &  
Organization of Knowledge

**Contents**

**Natural Law and Evolution. Towards a  
Natural Classification of Order. II**

**Classification in the USA**

**Classification in Online Information Systems**

**Use of Colon Classification**

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## INTERNATIONAL CLASSIFICATION

Devoted to Concept Theory, Systematic Terminology and Organization of Knowledge

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I.C. Vol. 13 (1986) No. 2

### Dahlberg, W.: **Natural Law and Evolution. Towards a Natural Classification of Order. Part II.**

In: *Int. Classif.* 13 (1986) No. 2, p. 65-72, 32 refs., 16 schemes Original German publication: *NATURGESETZ UND EVOLUTION*. Verlag A VIVA W. Dahlberg 1986, 42S. ISBN: 3-932935-10-2

This study seeks to understand "natural law", "evolution" and the forms of determination in a new way through looking into their context from various viewpoints. Order as the conceptual frame for all forms of determination is seen inseparable from consciousness and being. A perspective of natural law is unfolded that aims toward analytical scientific reality as well as the synthetical reality of the artist.

Natural laws are understood not only according to their building the static fundamentals of the world, but also in their capability for development. The determination of nature operates on the different levels of being with differing dynamism: The "house of being" possesses of nine stories, each of which displays an altogether different relationship of order, being and consciousness.

To define closer the relationship between order, being and consciousness is the thought prevailing in the background of this investigation (serving at the same time as an introduction into the extensive study of this subject within the monograph "Ordnung, Sein und Bewusstsein", ref. (9)). (Author)

### Holley, R.P.: **Classification in the USA.**

In: *Int. Classif.* 13 (1986) No. 2, p. 73-78, 19 refs.

United States libraries use classification to provide subject browsing in open stacks. The Dewey Decimal Classification (DDC), used by 85% of American libraries, is a theoretical, universal attempt to organize all knowledge. The Library of Congress Classification (LCC) lacks intellectual consistency since it was based upon literary warrant to organize materials in one collection. Many academic libraries use LCC because the Library of Congress' shared bibliographic records with the LCC call numbers reflect the collecting interests of academic libraries. LCC is more hospitable to change than DDC whose Phoenix schedules have encountered resistance throughout the world. Classification currently receives less attention than subject headings since United States librarians place great hope in the computer to resolve subject heading problems while remaining conservative about classification. Author

### Oberhauser, O.: **Classification in online information systems.**

(Klassifikation in Online-Informationssystemen) (Orig. de)

*Int. Classif.* 13 (1986) No. 2, p. 79-87, 13 refs.

Subject-oriented bibliographic online searching relies in most cases on the results of verbal subject analysis (descriptors, subject headings, keywords, text of abstract). However, many bibliographic databases are also searchable by classification codes. This paper deals with the latter form of subject access, mainly pointing out the role of classification codes (class codes) as a useful enrichment to verbal online searching. Part one discusses the following questions: To what extent are classification schemes as a means of subject access to be found in bibliographic databases? What is the nature of these systems and their notation? Part two shows several advantageous applications of using classification codes in bibliographic online searching. Part three deals with modifications and changes of classification systems, which constitute the main problem when using them in online searching. Thus, the searcher not only has to be informed how to apply classification for improving search strategies, but also how to overcome such difficulties.

(Author)

### Satija, M.P.: **Use of Colon Classification.**

*Int. Classif.* 13 (1986) No. 2, p. 88-92, 25 refs.

Investigations on the use of the Colon Classification (CC) have not as yet been undertaken in a systematic way. In the article statistics on the use of the CC are given, based on some directories as well as other studies in a limited area (New Delhi and Rajasthan). The numbers obtained indicate that apparently the use of CC in India has been overestimated so far in the literature. It is suggested to include information on the classification system used in a library when compiling a new edition of the directory of Indian libraries. Concludingly the enormous value of the CC as a model by its realization of sound theoretical classification principles is pointed out.

I.C.

### Beilagenhinweis:

Dieser Ausgabe liegen ein Prospekt des INDEKS Verlags und ein Informationsblatt über FID/CR bei.

# INTERNATIONAL CLASSIFICATION



## 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 and commodity classification  
terminology, lexicography, linguistics

Beginning 1974 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 surveys, 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 analyses 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.

## INSTRUCTIONS TO AUTHORS

Manuscripts may be submitted in either English, German or French to the editor-in-chief in two sets (the original and one copy) typed in double space, comprising between 1500 to 3000 words. They should be accompanied by an English indicative abstract of 100-200 words.

Criteria for acceptance will be appropriateness to the field of the journal (see Scope and Aims), taking into account the merit of the content and presentation. Papers are accepted with the understanding that they have not been published, submitted or accepted for publication elsewhere and that, if the work received official sponsorship, it has been duly released for publication. Authors will usually be notified within 6 to 10 weeks. Unless specifically requested, manuscripts or illustrations will not be returned.

The text of the papers should be structured by subheadings; it should contain (a) an introduction, stating the purpose, (b) a description of materials and methods in sufficient detail, (c) information on results or systems developed and (d) a conclusion with a discussion and/or summarization.

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Additional notes should be indicated in the text by lifted single numbers (e.g. text<sup>1</sup>) and equally collected with their texts at the end of the paper under the heading Notes.

## AIMS

Thus, INTERNATIONAL CLASSIFICATION 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.

INTERNATIONAL CLASSIFICATION publishes original articles, reports on conferences and similar communications, the Newsletters of FID/CR (Committee on Classification Research of the International Federation for Documentation), and COCTA (Committee on Conceptual and Terminological Analysis), book reviews, letters to the editor, and an extensive annotated bibliography of recent classification and indexing literature, covering between 400 and 500 items in each issue.

INTERNATIONAL CLASSIFICATION 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.

INTERNATIONAL CLASSIFICATION 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 1978-1985 are available from INDEKS Verlag, too. (The 7 volumes of 1978-1984 are offered now at the highly reduced price of DM 250.-.)

Rates: For 3 issues/ann. (including indexes every three years): Institutions DM 84.-, Individuals (20%), members of classification societies & groups (-30%), members of Gesellschaft für Klassifikation (-40%) + postage. For air-mail delivery add DM 4.- per issue.

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Fugmann, R.: The glamour and the misery of the thesaurus approach. In: Int.Classif. 1(1974)No.2, p.76-86, 20 refs.

Sartori, G., Riggs, F.W., Teune, H.: Tower of Babel. On the definition and analysis of concepts in the social sciences. Pittsburgh, Pa.: Int.Studies Assoc.1975. 107 p. = Int.Studies Occ.Paper No.6.

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