

INTERNATIONAL

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CLASSIFICATION

Devoted to Concept Theory
Systematic Terminology &
Organization of Knowledge

Contents

Artificial Intelligence as a Tool of Classification

Colon Classification: Literature Analysis
1970-1984

The International Classification and Indexing
Bibliography and its Classification Systems

Index to Volumes 10(1983) - 12(1985)

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Vol. 12 (1985) No. 3

Contents

Editorial

Classification – East or West? 127

Articles

N.Meder: Artificial Intelligence as a Tool of Classification, or:
The Network of Language Games as Cognitive Paradigm 128
M.P.Satija: Colon Classification. Literature Analysis 1970-1984 155
I.Dahlberg: The International Classification and Indexing
Bibliography and its Classification Systems 143

Reports and Communications 153

Infoterm News – 4th International Symposium “Data Analysis and
Informatics”, Versailles, 9–11 Oct.1985 – 14th International
Colloquy on Information and Documentation, Erfurt, GDR, 26–28
Nov.1985 – 8th European Meeting on Cybernetics and Systems
Research. University of Vienna, April 1–4, 1986 – 7th European
Conference on Artificial Intelligence (ECAI), Brighton, U.K., 22–25
July 1986 – COLING 86, Bonn – 2nd Catalan International
Symposium on Statistics, Barcelona, Spain, 18–19 Sept.1986 –
Software Numbering System – The Main Catalog of the Library
of Congress 155

FID/CR News 15 155

Ranganathan Award 1986 – Call for Papers: “Classification, Indexing
and New Technology”. 3rd Regional FID/CR Conference, Montreal,
Sept.12–13, 1986 – FRG: German Society for Classification. Call
for Papers for 10th Annual Conference, 1986. – Classification and
Communication. Report on 2nd Regional Conference of FID/CR –
Ranganathan’s Philosophy: Assessment, Impact, and Relevance –
U.K.: CRG 254 – USA: ASIS/SIG/CR.

COCTA News

Help for Social Scientists: A new kind of reference tool 159

Book Reviews

F.W.Riggs: The CONTA Conference. Proceedings...(G.Hartwig) 161
S.Berman: Subject cataloging. Critiques and innovations
(J.Perreault) 162
L.M.Harrod: Harrod’s librarians glossary of terms...and reference
book. 5th ed. (M.P.Satija) 164
M.P.Satija: Manual of practical Colon Classification (I.Dahlberg) 165

Classification Literature 12(1985)No.3 166

Index to Vols.10, 11, and 12 183

INTERNATIONAL CLASSIFICATION

Devoted to Concept Theory, Systematic Terminology and Organization of Knowledge

Editors

Dr. phil. Ingetraut Dahlberg, D-6000 Frankfurt 50, Woogstr. 36a, Editor-in-chief

Prof. Dr. med. Dr. phil. Alwin Diemer, Philosophisches Institut der Universität Düsseldorf, D-4000 Düsseldorf 1, Universitätsstr. 1, FRG.

Prof. Jean M. Perreault, University Library, University of Alabama, P. O. B. 2600 Huntsville, Alabama 35807, USA

Prof. Arashanipalai Neelameghan, c/o Unesco PGI. 7, Place de Fontenoy, F-75700 Paris

co-sponsored by

– FID/CR (Federation Internationale de Documentation, Committee on Classification Research, address see Dr. I. Dahlberg

Consulting Editors

Mrs. Jean Aitchison, 12, Sollershott West, Letchworth, Herts., SG6 3PX, England

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Forschungsabteilung Information und Dokumentation des Philosophischen Instituts der Universität Düsseldorf, D-4000 Düsseldorf, Universitätsstr. 1, FRG, Prof. Dr. phil. Norbert Henrichs

Gesellschaft für Klassifikation e.V. represented by Dr. R. Fugmann, Hoechst AG, Wissenschaftliche Dokumentation, D-6230 Frankfurt 80, FRG

Infoterm, c/o öster. Normungsinstitut, Postfach 130, A-1021 Wien, Prof. H. Felber

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Contents page

I.C. Vol. 12 (1985) No. 3

Meder, N. Artificial intelligence as a tool of classification, or: The network of language games as cognitive paradigm. Int. Classif. 12 (1985) No. 3 p.128-132, 34 refs.

It is shown that the cognitive paradigm may be an orientation mark for automatic classification. On the basis of research in Artificial Intelligence, the cognitive paradigm – as opposed to the behavioristic paradigm – was developed as a multiplicity of competitive world-views. This is the thesis of DeMey in his book "The Cognitive Paradigm". Multiplicity in a loosely-coupled network of cognitive knots is also the principle of dynamic restlessness. In competition with cognitive views, a classification system that follows various models may learn by concrete information retrieval. During his actions the user builds implicitly a new classification order. (Author)

Satija, M.P.: Colon Classification. Literature analysis 1970-1984. Int. Classif. 12 (1985) No. 3, p. 133-142, 18 refs. (+ 144 refs. bibl.)

A study of the 144 publications on the Colon Classification published in the last 15 years (1970-1984) was made with the purpose to understand its present situation. The article gives the reason for the selection of the period, describes methodology and scope of the investigation, shows previous attempts of collecting this literature and attempts at an interpretation of results (displayed in 8 tables) according to 1) chronological output, 2) kinds of media, 3) origin of contributions, 4) authors, 5) subjects written about, and 6) neglected areas of study. The 144 publications are listed in a separate bibliography in chronological and alphabetical order. I.C.

Dahlberg, I.: The International Classification and Indexing Bibliography (ICIB) and its classification systems. In: Int. Classif. 12 (1985) No. 3, p. 143-152, 3 refs.

In the years 1980-1983 the German Federal Ministry of Research and Technology, Bonn, sponsored a project concerning the documentation of the literature on classification and indexing of the last 30 years. This resulted in a card file of some 20 000 references, a data bank and five printed volumes entitled INTERNATIONAL CLASSIFICATION AND INDEXING BIBLIOGRAPHY (ICIB 1-5). The article describes in short purposes and development of the project, the structure and coverage of the ICIB volumes, their indexes and correlation tables and the machinery. It outlines the classification systems used for the subdivisions of the first two volumes and gives the CLASSIFICATION LITERATURE CLASSIFICATION (CLC) used for the last three volumes as Annex 1 to the article. The application of the universal classification system of subject fields, the INFORMATION CODING CLASSIFICATION (ICC) is demonstrated in those cases which call for a combination of the CLC classes with a subject field class. In conclusion, further possibilities of research based on the results of the project as well as its current updating in the journal INTERNATIONAL CLASSIFICATION are outlined. (Author)

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.

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-synthetic 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), Infoterm and COCTA (Committee on Conceptual and Terminological Analysis), book reviews, letters to the editor and an extensive annotated bibliography of recent classification literature, covering between 300 to 400 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 I.C. was published by K.G.Saur Verlag, München. Back issues of 1974-1980 are now available from the new publisher.

Rates:

For 3 issues/ann. (including indexes every three years):
Institutions DM 74.-; Individuals (-20%) DM 59.20, members of classification societies & groups (-30%) DM 51.80, members of Ges.f.Klassifikation (-40%) DM 44.40 + postage. - Back issues: hard copy, per issue DM 18.-, microfiche (only 1974-77) per issue DM 6.-. For air-mail delivery add DM 4.- per issue.

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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.

References should be listed at the end of the paper with the numbers in brackets referring to such numbers in brackets within the text part.

Additional notes should be indicated in the text by lifted single numbers (e.g. text¹) and equally collected with their texts at the end of the paper under the heading Notes.

Journal References should contain the names and initials of all authors, full title of the publication, abbreviation of the journal according to the ISO Standard No.4, volume number, year of publication in brackets, issue number and first and last page numbers. Monograph References should give the name(s) of the author(s), full title, edition, place of publication, publisher, year and number of pages.

Examples:

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.

Illustrations should be restricted to necessary minimum.

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