
INTERNATIONAL CLASSIFICATION

**A Journal Devoted to Concept Theory, Organization of Knowledge
and Data, and to Systematic Terminology**

Editors

Dr. I. Dahlberg, Frankfurt, FRG (Editor-in-Chief)
Prof. Dr. Dr. A. Diemer, Düsseldorf, FRG
Prof. A. Neelameghan, Bangalore, India
Prof. J. M. Perreault, Huntsville, Ala., USA

co-sponsored by

- FID/CR

- IFLA International Office for UBC

in collaboration with

Prof. A. T. Campos, Brasilia, Brazil
Dr. A. I. Černyj, Moscow, USSR
Dipl.Math. H. Fangmeyer, Ispra, Italy
Dipl.Volksw. O. Gekeler, Ulm, FRG
Prof. E. de Grolier, Paris, France
Prof. Dr. F. Lang, Vienna, Austria
Cons.Eng. Y. Nakamura, Tokyo, Japan
Prof. Dr. Ph. Richmond, Cleveland, USA
Prof. F. W. Riggs, Honolulu, Hawaii, USA
Dr. E. Scibor, Warsaw, Poland
Prof. A. Serrai, Roma, Italy
Prof. Dr. D. Soergel, College Park, Md., USA
Prof. Dr. R. Sokal, Stony Brook, N.Y., USA
Prof. B. C. Vickery, London, England
The Forschungsabt. Information und Dokumentation
des Philosophischen Instituts, Universität Düsseldorf, FRG
(Dir. Prof. Dr. N. Henrichs)
The Gesellschaft für Klassifikation e.V., Frankfurt, FRG
(repres. Dr. R. Fugmann, Hoechst, FRG) and
Infoterm, Vienna, Austria (Mr. H. Felber)



K · G · Saur München · New York · London · Paris

Contents

Editorial

- Classification Planning 149
 Letter to the Editor 149

Articles

- F. W. Riggs: A new paradigm for social science terminology 150
 J. M. Perrault: Library of Congress Subject Headings:
 a new manual 158
 I. N. Sengupta: Some observations on the forthcoming 19th edition
 of the Dewey Decimal Classification (DDC) Scheme. 170
 H. Karlgren: Viewdata – something to be crazy about? 172

Reports and Communications

- W. Dahlberg: Classification and Cognition 177
 F. W. Riggs: INTERCONCEPT aims redefined 178
 I. Dahlberg: Classification topics at 1979 ASIS Conference 179
 Software developments in cluster analysis and identification 180
 M. A. Gopinath: Classification teaching in India (add. information) . . 180
 Research Project Announcement 180

Infoterm News

- H. Picht: Co-operation of the Nordic Countries – NORDTERM. 181
 TermNet activities 182
 Future meetings 183

Book Reviews

- J. Aitchison (Comp.): Unesco Thesaurus (I. Dahlberg) 184
 J. E. Wojciechowski (Ed.): Conceptual Basis of the Classification
 of Knowledge. Proc. Ottawa 1971 (Dickson) 185
 F. Bartelt: Authority lists for the assignment of subject headings
 (I. Dahlberg). 187

Classification Literature 6 (1979) No. 3, Nos. 4734–5111 188

Cumulated Index to Vols. 4–6 (1977–1979) (without Class. Lit.)

- Alphabetical Index 206
 Form and Subject Index 207

Editors

Dr. phil. Ingetraut Dahlberg, D-6000 Frankfurt 50,
 Woogstr. 36a, FRG

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, Documentation
 Research and Training Centre (DRTC) 31, Church
 Street, Bangalore-560001, India

co-sponsored by
 – FID/CP (Fédération Internationale de Documentation,
 Committee on Classification Research),
 address see Prof. A. Neelameghan

– International Federation of Library Associations
 and Institutions (IFLA) International Office for
 UBC, Director: Mrs. D. Anderson, c/o The British
 Library, Ref. Div., London WC1B 3DG, England

Consulting Editors

Prof. Astério T. Campos, Departamento de Biblioteca,
 Universidade de Brasília, Brasília DF,
 Brazil

Dr. A. I. Černyj, VINITI, Moscow A-219,
 Baltijskaja ul. 14, USSR

Dipl. Math. Hermann Fangmeyer, Euratom CCR
 C. E. T. I. S. (European Scientific Information
 Processing Centre), I-21020 Ispra (Varese) Italy
 Dipl. Volksw. Otto Gekeler, Burgunderweg 9,
 D-7900 Ulm

Prof. Eric de Grolier, Conseil International des
 Sciences, 1, rue Miollis, F-75 Paris 15e, France

Prof. Dr. Friedrich Lang, IBM, A-1040 Wien,
 Margarethenstr. 3/4, Austria

Yukio Nakamura, Authorized Consulting Engineer,
 14–8 Nisikata–1 Bunkyo-Ku, Tokyo 113, Japan

Prof. Dr. Phyllis Richmond, School of Library
 Science, Case Western Reserve University, Cleveland,
 Ohio, 44106, USA

Prof. Dr. F. W. Riggs, Department of Political
 Science, Univ. of Hawaii at Manoa, 2424 Maile Way,
 Honolulu, Hawaii, USA

Dr. Eugen Scibor, Instytut Informacji Naukowej,
 Technicznej i Ekonomicznej (IINTE), Al. Niepodległości
 188, Warszawa, Poland

Prof. Alfredo Serrai, Biblioteca Casanatese,
 Via S. Ignazio 52, I-00186 Roma, Italy

Prof. Dr. Dagobert Soergel, School of Library and
 Information Services, University of Maryland,
 College Park, MD., 20742, USA

Prof. Dr. Robert R. Sokal, State University of New
 York, Stony Brook, New York 11794, USA

Prof. Bryan C. Vickery, School of Library, Archive
 and Information Studies, University College, Gower
 Street, London WC 1, England

UDC 025.4 (05)

INTERNATIONAL CLASSIFICATION

A Journal Devoted to Concept Theory,
 Organization of Knowledge and Data,
 and to Systematic Terminology

Editorial Office: c/o Dr. I. Dahlberg,
 Woogstr. 36a, D-6000 Frankfurt 50,
 Tel.: (06 11) 52 36 90

Issue frequency: 3x/ann.

Publisher: K. G. Saur Verlag KG
 Pörsbacherstr. 2 b, POB 71 1009,
 D-8000 München 71,

Fed. Rep. of Germany,
 Tel. (089) 79 89 01,
 Telex 52 12067 saur d

Annual Subscription Rates:

DM 54,—. For members of national or
 international classification societies or
 groups DM 32,—. Single issue: DM 22,—
 Advertising prices 1/74

Bank Account Nos.:

K. G. Saur Verlag KG
 Postscheckkonto München 2061 41-804
 (BLZ 700 10080); Bayer. Hypotheken-
 und Wechselbank München,
 3 388662 (BLZ 700 2001)

All rights reserved. Printed in
 the Federal Republic of Germany 1979
 Printed by Hain-Druck KG, D-6554
 Meisenheim/Glan

K. G. Saur München
 New York · London · Paris



Forschungsabteilung Information und Dokumenta-
 tion 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, Mr. H. Felber

Authors of this issue

Mr. W. Dahlberg, Woogstr. 36a, D-6000 Frankfurt
 50

Mr. A. J. Dickson, Ealing College of Higher Educa-
 tion, St. Mary's Road Ealing, London W5 5RF
 England

Mr. M. A. Gopinath, DRTC, 31 Church Street, Ban-
 galore 560 001 India

Dr. Hans Karlgrén, Präsidiet der Sällskapet för
 Klassifikationsforskning, Skriptor AB, Söder-
 malmstorg 8, S-104 65 Stockholm

Prof. J. M. Perreault, see Editors

Mr. H. Picht, Handelshøjskolen, Copenhagen, Den-
 mark

Prof. Dr. F. W. Riggs, see Consulting Editors
 Mr. I. N. Sengupta, Scientist-in-Charge, Library and
 Documentation, Indian Institute of Experimen-
 tal Medicine, 4, Raja Subodh Mullick Road,
 Jadavpur, Calcutta-700032, India

A Journal Devoted to Concept Theory, Organization
of Knowledge and Data, and to Systematic Terminology

Publisher: K. G. Saur Verlag KG, P.O.Box 711009, Pörsenbacherstr. 2b, D-8000 München 71
Tel.: (089) 798901, Telex 5212067 saur d

Editorial Offices: c/o Dr. I. Dahlberg, Woogstr. 36a, D-6000 Frankfurt 50, Tel.: (0611) 52 36 90

Issue frequency: 3/ann.; Subscription DM 54,—/ann.

Contents page

This contents page may be reproduced without charge

Riggs, F. W.: A new paradigm for social science terminology.
In: Intern. Classificat. 6 (1979) No. 3, p. 150–158, 3 app.

Terminology is concerned with the naming of concepts, and hence both with the meanings of words and with the need to signify concepts unambiguously. Three terminological paradigms are examined: normative, analytic, and synthetic. The close relation of normative terminology to conceptology is explained and the intimate association of analytic terminology with lexicology is also examined. By contrast, the idea of synthetic terminology as the best bridging model is supported. The establishment of a new computerized terminology bank for the social sciences, as proposed by UNESCO's INTERCONCEPT project, is reported as an important development favoring the feasibility and usefulness of synthetic glossaries in selected subject fields of the social sciences. (Author)

Perreault, J. M.: Library of Congress Subject Headings: a new manual.
In: Intern. Classificat. 6 (1979) No. 3, p. 158–169, 12 refs.

Many of the failings of Library of Congress Subject Headings are examined in the context of L. M. Chan's new manual on that influential system. While the system itself is strongly criticized, the manual is highly recommended as a guide to practice; the major criticism directed at the latter is that it only sporadically attempts to be critical of the system. (Author)

ERRATUM:

Three misprints occurred in one title in the last issue! Please correct I.C. 6 (1979) No. 2, p. 85 to read: Reverse Retrieval: Toward Analogy Inferences by Mechanized Classification. (Instead of "Reserve . . .") We regret this very much, as well as some other misprints in that issue.

Sengupta, I. N.: Some observations on the forthcoming 19th edition of the Dewey Decimal Classification (DDC) scheme.

In: Intern. Classificat. 6 (1979) No. 3 p. 170–172, 7 refs.

The paper critically reviews some of the recommendations of the Committee on "DDC Additions, Notes and Decisions" for its 19th edition. It is observed that the policy of following the principle of continuity and integrity of numbers has not been consistently followed in cases of class numbers 900, area notations -41 and -42 and total revision of schedules for the life sciences (560–590). While commenting critically on the recommendations made by the DDC Editorial Policy Committee in respect of the above mentioned entries, the paper also discusses the great difficulties libraries using the DDC will have to face for reclassification of a cognizable area of their collections due to these major changes which are going to be implemented in the 19th edition of the DDC Scheme. (Author)

Karlgren, H.: Viewdata – something to be crazy about? In: Intern. Classificat. 6 (1979) No. 3, p. 172–176

Information retrieval via an (almost) ordinary home television set as public utility opens up fascinating perspectives. But is it really such a long step forward? The technology is essentially conservative. What makes Viewdata so attractive? Does it, in fact, possess any distinctively innovative traits at all? Is the achievement instead the absence of complications, a T-Ford solution where an established technology is given large-scale low-cost application, now? The author concludes that for better or for worse, Viewdata can make an important impact on technical and social development and well deserves keen attention from information scientists as well as from economists and politicians. (Author)

Continental Europe (except France) and Far East Countries

K. G. SAUR Verlag KG
Pörsenbacherstraße 2b
D-8000 München 71
Fed. Rep. of Germany
Tel. (089) 79 89 01
Telex 5 212 067 saur d

North- and South America

K. G. SAUR, Publishing Inc.
175 Fifth Avenue
New York, N. Y. 10010
USA
Tel. (212) 477–2500
Telex 238386 kgspr ur

United Kingdom, Africa, Oceania, Asia (except Far East Countries)

CLIVE BINGLEY Ltd. &
K. G. SAUR Ltd.
1–19 New Oxford Street
London WC1A 1NE
United Kingdom
Tel. 01–404 48 18,
Telex 24 902 bingle g

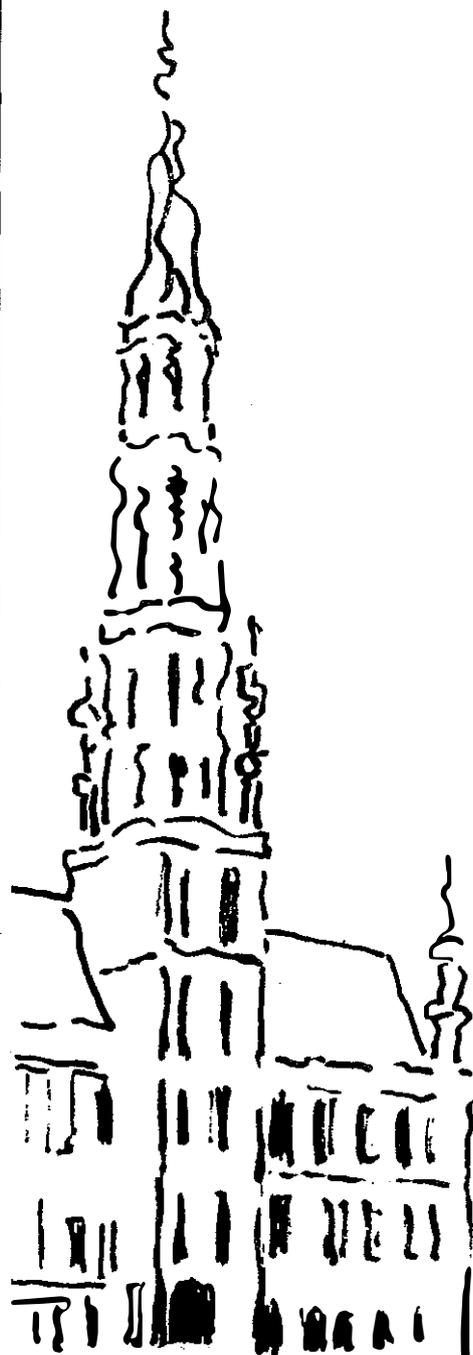
France

K. G. SAUR Editeur
S.A.R.L.
38, rue de Bassano
F-75008 Paris
France
Tel. 72355–18
Telex Iso Bur. 6 30144

EURIM4

a European conference on innovation in primary publication:
impact on producers and users

23 – 26 March 1980
Palais des Congrès, Brussels, Belgium



The fourth in the important series of international conferences organised by Aslib with the Association Nationale de la Recherche Technique, Bibliothèque Royale de Belgique, Consiglio Nazionale delle Ricerche, Deutsche Gesellschaft für Dokumentation, NOBIN and NORDFORSK takes as its theme **Innovation in Primary Publication: Impact on Producers and Users**. Of intense interest to the information profession, the subject is of no less concern to the publishing world, and the intention is to open up this whole new area of involvement and to bring producers and users face to face in a creative dialogue. The sessions (conducted in English, French and German with simultaneous translation) are structured to create an interplay of interest, with keynote and commenting papers, while even more strongly this dichotomy is reflected in the disciplines from which the speakers are drawn: publishing (Dr A A Manten, Elsevier Scientific Publishing Company; Gordon Graham, Butterworth and Company; Th Oltheten, Staatsdrukkerij, The Hague; Paul Asser, STM; A Rutgers, PUDOC; Professor A J Meadows, University of Leicester); libraries (M B Line, British Library; Dr F G Kaltwasser, Bayerische Staatsbibliothek; Dr H Vervliet, Antwerp University Library; Miss Elin Törnudd, Helsinki University of Technology); information services (Dr A K Kent, Chemical Society; R D Mannix, Unilever Research Laboratory; Udo Schutzack, GID; Georges Van Slype, Bureau Marcel van Dijk); a formidable array of pioneers in the new technologies (M Conruyt, CETT, Rennes; Professor JW Senders, University of Toronto; John M Strawhorn, Automation Industries, Inc; Dr Murray Turoff, New Jersey Institute of Technology; Keith Wharton, Keith Wharton Consultants). It will require great foresight and wisdom to achieve the mastery of such a wave of new developments as it breaks over the information and publishing scene and this can be confidently expected from the closing speaker, Professor Derek de Solla Price.

As in the past of this series, a large and distinguished attendance, from Europe and worldwide, is expected. For further information and copies of the programme apply to:

The Conference Organiser, Aslib, 3 Belgrave Square,
London SW1X 8PL
Tel 01 235 5050 Telex 23667 London