INTERNATIONAL CLASSIFICATION

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Contents / Inhalt

Contents page / Inhaltsfahne

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Comments on an ordering system for the characteristics
of products as designed by W.M. Paass, comprising about
170 groups of characteristics. Product characteristics are under-
stood to be information characteristics of two kinds:
a) distinguishing (identifying) characteristics, facilitating the
distinction between products and b) ‚intersecting' character-
istics, those common to a number of products. In order to
meet all kinds of purposes for all kinds of products a universal
ordering system for product characteristics in postulated.
(Author)

A thesaurus for the source books "Nihon Kagaku-Gijutsu-Shi
Taikei" (History of Science and Technology in Japan from
1850–1960) was compiled comprising 4819 keywords. The
characteristics of a thesaurus for historical documents were
analysed and names of persons, organizations, laws, geo-
graphical places, social tendencies, events and other proper
names, as well as chronological data were found important and
adopted as keywords. Natural and single words were selected
from the index of every volume (25 volumes, 32 243 words)
and arranged both in a list of loosely grouped facets of classi-
fication and in a list according to the order of the Japanese
syllabary. After compiling the total index by the thesaurus,
4627 documents were analysed with the classified keywords.
The analysed distributions of keywords well explained the
developments of science and engineering in modern Japan. Data
on the contributions of policies, laws, administrative organi-
zations, research institutes, universities, etc. for science, engi-
neering and daily life including civil and medical activities are
explained in figures and keyword-distribution graphs.
(Authors)

Stipulative definitions of the concepts 'formal concept',
'technical term', 'concept-comprehension', and 'ambiguous
concept comprehension' are given. Since the theory of library
classification is mostly concerned with formal concepts, its
teaching ought to consider an understanding of the phenomena
and concepts about relations between aspects of the phenome-
na under study. In this regard, primary and secondary concepts
are distinguished, the latter are of a higher order and presuppose
the understanding of primary concepts. The teaching process
has to take into account the mastery of prerequisite concepts
and the analytical presentation of concepts for the students
re-synthesization. The components of the concept 'Classifica-
tion' are used as an example for these procedures. (I.C.)

Discussion of the concepts "documentary informing" and "in-
formeme" and investigation of the conditions for a selection-
oriented indication of contents of documents. The "informeme-
theory" of Diemer is supplemented by the concepts "significan-
ce" and "efficiency of information". Since informing implies
the supply of new, so far unkown propositions, an a-priori-re-
cording of descriptors or classes for specific informemes or com-
plex concepts is impossible. Referring to the creative aspect in
the use of language (Humboldt and Chomsky), it is shown how
a description based on the principles of concept-synthesis may
be successfully applied for the representation of informemes.
Recurrent conceptual elements of endlessly changing concept-
ual structures ought to be identified and their descriptors should
be fixed. An indication of subject-fields should follow the same
principle of synthesis, since the steady change in the delimita-
tion of scientific disciplines and the formation of new fields of
research excludes an a-priori fixation of single codes for each
field. The elaboration of a faceted vocabulary for use in interna-
tional and interdisciplinary areas may be based on the semnatic
elements which form the concepts of subject-fields, like "ob-
jects" and "aspects". (Author)

So far terminological work has been mainly directed towards
defining very special concepts. The more general ones, e. g. those
denoting subject-fields have been neglected with the result that
communication on this level has been seriously hampered. There
exists a great number of such terms and also a growing trend for
the formation of new ones. In the FRG an R & D project was
started in 1972 with the collection of names of subject-fields, it
is intended to assemble their definitions in a dictionary and to
build a general concept-system by computer-comparison of their
characteristics as provided by their definitions. The nature of
subject-fields is explained, details on the German collection are
given as well as some results from a formal analysis of their con-
cepts. It is proposed to initiate similar projects in other linguistic
regions as well; this could be done under the auspices of Info-
term. Concludingly some application-possibilities for a general
concept-system (e. g. a broad system of ordering) are given. The
annex displays a scheme of 9 subject areas and about 90 sub-
areas for the sorting of names of subject fields. (Author)

A selected list of some important titles from Verlag Dokumentation, the leading German publishers of bibliographic and reference works:

Special Bibliographies

Bibliographia Academia Germaniae
Vol. 1: Royal Society of Sciences, Göttingen; Bavarian Academy of Sciences, Munich.
1971. XVI + 715 pages. ISBN 3-7940-3349-3. DM 120.00
A complete guide, in four volumes, to all independent articles, reports and publications of German-language academies of science chronologically to 1960. Vol. 2–4 in preparation.

A Bibliography of Computer-Programming Languages
By Marylène and Karl F. Stock
1973. LVII + 393 pages. 2 fig. ISBN 3-7940-3651-4. DM 58.00
This important bibliography has over 2,500 references to books, periodicals and other material covering some 300 computer-programming languages.

Bibliography of Documentation
3rd Edition 1970. 77 pages. ISBN 3-7940-2500-8. DM 10.00

Bibliography of Social Research in the Soviet Union, 1960–1970
Compiled by Sergej Woronitzin
1973. 215 pages. ISBN 3-7940-3650-6. DM 48.00
This bibliography includes some 700 selected books and essays on the theoretical and practical aspects of social research in the USSR which were published in Russian or Ukrainian in the Soviet Union between 1960–1970. The titles are given in Russian, German and English, and there is an index of authors.

Bibliography on Japanese Education
Postwar Publications in Western Language
By Ulrich Teichler and Friedrich Voss
1974. 294 pages. ISBN 3-7940-3183-0. DM 36.00
The last 100 years have seen an extraordinary transformation, both in breadth and content, in Japanese education and training, especially in schools and higher education institutions. German models (particularly in higher education) and American influence have both played a large part in this modernization. This bibliography, wide in scope and carefully arranged, lists both the essential literature in English and German on Japanese education and some titles in other Western languages, thus providing a view of the field at present unavailable elsewhere. Valuable for work in international education research and in comparative studies in education. Introductory material in English and German.

Bulletin of Reprints
(formerly: Bibliographia Anastatica)
Ed. by Dr. Maria András
Quarterly. DM 68.00 per year.
This bulletin contains information on new reprints as well as announcements of planned reprints. The following data are given for each title: author / title / place and year of original edition / place, publisher, and year of the reprint / number of pages / ISBN / cover / price.

Catalog of Cards for Printed Music 1953–1972
By The Music Library Association
Supplement to the Library of Congress Catalogs
Ed. by Elizabeth H. Olmsted
1974. 2 volumes. X + 1138 pages.
ISBN 0-87471-474-5. DM 298.00
(Distribution rights for Europe)
The catalog contains some 30,000 entries of printed music, music literature, and sound recordings from all over the world.

Catalogue of Foreign Newspapers and Illustrated Papers in German Libraries
Ed. by Staatsbibliothek Preussischer Kulturbesitz, Berlin
Compiled by Martin Winckler
1975. Approx. 320 pages.
ISBN 3-7940-3055-9. Approx. DM 88.00
A short title catalogue of 1,800 newspapers and journals, fully cross-referenced.

Educational Bibliography
(Bibliographie Pädagogik)
Combined with Bibliography of Programmed Instruction
Bi-monthly. DM 120.00 per year.
The bibliography contains a list of regularly observed periodicals, and consists of an alphabetical catalog of relevant articles, three subject indexes and a person and institution index.

The German Language Press of the Americas
Vol. 2. History and Bibliography, 1732 to 1968
By Karl J. Arndt and May E. Olson
1973. 709 pages. 24 fig. ISBN 3-7940-3421-X. DM 136.00
This volume spans Central and South America, with a supplement to German-language periodicals in the U.S. Includes important bibliographical information on German publications from the Ernst Steiger collection in the University of Heidelberg, the Austrian National Library in Vienna, the Library of Congress collection of German Prisoner of War camp papers, and important periodical collections throughout South America. Also contains a full list of libraries throughout the world with German-language periodical collections.

Hegel – An International Bibliography
Ed. by Kurt Steinhauer SJ
1975. Approx. 1,000 pages. ISBN 3-7940-3148-9. Price to be announced. Subscription price until publication DM 120.00

The Humboldt Library
A Catalogue of the Library of Alexander von Humboldt
With a Bibliographical and a Biographical Memoir
Ed. by Erwin Stresemann
Reprint 1968 of the Edition London 1863. 812 pages.
ISBN 3-7940-5028-2. DM 176.00

International Bibliography of Translation
By Henry van Hoof
1973. XVI + 591 pages. ISBN 3-7940-1011-6. DM 98.00
Contains approximately 6,000 entries of journals, books and articles dealing with matters relating to translation. The author is on the staff of the European Translation Centre.

International Documentation of Cartographical Literature
(Bibliographia Cartographica)
Ed. by Staatsbibliothek Preussischer Kulturbesitz, Berlin and the Deutsche Gesellschaft für Kartographie
Compiled by Dr. Lothar Zögner
Appears annual. Vol. 1972/73: Spring 1975. Approx. 260 pages.
Approx. DM 36.00
Contains full bibliographical details about the international literature concerning all fields of cartography, with indexes.

The Paul Felix Warburg Union Catalog of Arbitration
A Selective Bibliography and Subject Index of Peaceful Dispute Settlement Procedures
Compiled and edited by Katharine Seide
1974. 3 volumes. LXXIII + 1216 pages.
ISBN 0-87471-523-7. DM 298.00
(Distribution rights for Europe)

Union List of Serials in Libraries of the Federal Republic of Germany including Berlin (West)
(Gesamtverzeichnis der Zeitschriften und Serien in Bibliotheken der Bundesrepublik Deutschland einschließlich Berlin (West))
Compiled and edited by Staatsbibliothek Preussischer Kulturbesitz, Berlin
Appears twice a year. Recent Edition: Spring 1974. 227 pages.
ISBN 3-7940-2990-9. DM 58.00

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