

For reasons of space it was not possible to include the references available of the subject groups 72-99, they will follow in the next issue. Also, we could not include the outline and the abstracts to the references as far as they are available. The reader is invited to ask for copies of them. In case, please cite the serial number.

0 FORM DIVISIONS

01 Bibliographies

85-449 011
Vogt, R.: Book review of Dahlberg, I.: Reference tools and conferences in classification and indexing. Frankfurt: INDEKS Verl.1984. 140p. Orig. de. Mitt.Bi.Verb.Bibl.NRW Vol 35, No 3, 1985. p.351-353

85-450 012
Classification and Indexing Research. Current Bibliography of Projects. (Nos.152-184). Orig. en. Int.Classif. Vol 12, No 1, 1985. p.33-35

85-451 013
Ellmann,D., Kientz,C.: Verzeichnis von Informationsrecherchesprachen des Informationssystems Wissenschaft und Technik der DDR. (List of information retrieval languages of the information system science and technology of the FRG) Orig. de. Berlin, DD: Zentralinst.f.Inform.u.Dok.d.DDR 1983. 44p. The list contains references to some 100 thesauri, 40 subject systems and 10 group profiles for data according to AIDOS. The main subjects of thesauri are indicated by subject headings.

85-452 015; 77
Commiss.des Communautés Eur.Group Interinstitut.de Terminologie-Dokumentation (GIIT): Repertoire des publications et travaux terminologiques. (Inventory of publications and works concerning terminology) Orig.fr. Bruxelles, BE: CCE. GIIT 1985. 21 p. List in formal order of glossaries and other works with indication of the languages in which they exist. No index.

85-453 015; 77
Infoterm: Terminological journals. The holdings of Infoterm. Orig. en. Wien, AT: Infoterm 1985. 15 p.

85-454 016.3
Wellisch, H.H.: Indexing and abstracting. 1977-1981. An international bibliography. Orig. en. Santa Barbara, CA,US; Denver, CO, US; Oxford, GB: ABC-Clio Inform.Services 1984. xx,276 p., ISBN 0-87436-398-5
1627 entries with abstracts in systematic order. The bibliography is a continuation of the author's "Indexing and Abstracting" of 1980. The total number of new items comes to 1426, and there are 220 new items belonging to the period covered in the previous volume (mid 19th century to 1976). The Headings of the arrangement (without subheadings) are: Pt. I: Indexing: Indexing, Indexing Languages, Indexing Systems, Comparisons and Tests of Indexing Systems, Indexing Techniques, Citation Indexes, Subject Indexing, Indexing Specific Formats, Name Indexes, Index Production, Concordances, Lack of Indexes and Inadequate Indexes, Use of Abstracts and Indexes, Cost and Time Studies, Indexers, Indexing as a Profession, Indexing around the World, History of Indexing and Abstracting, Humor in Indexing. Pt. II: Abstracting: Abstracts and Abstracting, Abstracting Techniques, Abstracting and Indexing Services. Author Index. Title Index. Subject Index.

85-455 016.77
Gröschel, B.: Sprachnorm, Sprachplanung und Sprachpflege, Bibliographie theoretischer Arbeiten aus Linguistik und Nachbarwissenschaften. (Language standardization, language planning and language cultivation. Bibliography of theoretical works in linguistics and neighbourhood sciences) Orig. de. Münster, DE: Westfäl.Wilh.-Univ.,Inst.Allg.Sprachwiss.1982. 232 p. DM 12,50 =Studium Sprachwissenschaft 6
Book review by J.C.Sager in *Multilingua* 2(1983)No.1, p.41.

85-457 016.7B
Lehmann, M., Leube, K.: Kleine Bibliographie fachsprachlicher Untersuchungen. Abdruck der 9. Fortsetzung, Leipzig, DD: Karl-Marx-Universität, Sektion Fremdsprachen 1984. (Small biblio-

graphy of special language research) Orig.de. *Special Language* Vol 7, No 1-2, 1985. p.82-95

85-458 018-75
International bibliography of multilingual building vocabularies (Title also in French and Russian). Orig. en; fr; ru. New York, NY: United Nations 1983. XXV,277 p. =ECE/H8P/36
The 749 entries give descriptions of the latest editions of bilingual and multilingual vocabularies (i.e. dictionaries, glossaries, lexicons, lists of terms, encyclopedias, etc.) in the field of building and construction. Only works published since 1965 have been included with a few exceptions. All vocabularies were published in ECE member countries by international organizations co-operating with ECE. Terminological sources of standardized terms are not included, as these have already been listed in *Int.Bibl.of Standardized Vocabularies*, 1979, Infoterm. each item is classed according to the UDC and an own classification system. There are 7 indexes, the last one gives the reference numbers according to the UDC.

02 Literature Reviews

85-459 021
Hickey, D.J.: Cataloging and classification. Orig. en. In: *ALA Yearbook '83.* Vol 8, 1983. p.80-82

85-460 026.3
Laskova, E.: Technical processing and cataloging. Orig.bg. Bibliotekar Vol 31, No 1, 1984. p.11-16
Review of a total of 160 articles on problems of library cataloging and classification published in *Bibliotekar* in 1953-83.

03 Dictionaries, Terminologies

85-461 032
Young,H., Belanger,T.,Corbin,J.B., Magrill,R.M. Peterson,F.M., Thomas,D.M., Torok,A.G., Wools,B.: The ALA glossary of library and information science. Orig. en. Chicago, IL, US: Amer.Lib. Assoc. 1983. 245 p. \$50.- ISBN 0-8389-0371-1

85-462 036.75
Maurer, G.: Terminologie für Onliner. (Terminology for onliners) Orig.de. In: *DGD,Verein.für.Inform.wiss.u.-praxis, Frankfurt:6.Frühjahrstag.d.Online-Benutzergruppe d.DGD in Neu-Isenburg. Vortr.8.-10.Mai 1984.* Frankfurt,DE 1984. p.15-23,1 fig., =DGD-Schrift (OLEG-5) 2/84

85-463 038-55
Harre,R., Lamb, R.: The encyclopedia dictionary of psychology. Orig. en. Cambridge, MA, US: MIT Press 1983. 718 p. \$80.- ISBN 0-262-08135-0

85-464 038-83
Buffe, J. (Bearb.), Minist.de l'Econ.,des Financ.et du Budget, serv.Centr.d'Organis.et Méth.: Terminologie de l'informatique de gestion: glossaire alphabétique - Lexique anglais-français. (Terminology of information handling: alphabetical glossary, English-French lexicon) Orig.fr; en. Paris,FR: SCOM 1985. 96p. alphabet.index. ISBN 2-11-080036-4
The glossary contains definitions of some 700 terms and gives also their English equivalents.

04 Classification Systems & Thesauri

042 UNIVERSAL DECIMAL CLASSIFICATION (UDC)

85-465 042.1-en-425/6; 488
British Standards Institution: Universal Decimal Classification. UDC 663. Industrial microbiology. Industrial mycology. Fermentation industry. Beverage industry. Stimulant industry. Orig.en. London, GB: BSI 1985. 26 p. alphabet.index. BS 1000 (663): 1985. ISBN 0-580-14253-1

85-466 042.1-en-465; 468
British Standards Institution: Universal Decimal Classification. UDC 633/635. Specific crops. Horticulture. Orig.en. London, GB: BSI 1985. 28p. alphabet.index. BS 1000 (633/635):1985 ISBN 0-580-14251-5

- 85-467 042.1-en-483
British Standards Institution: Universal Decimal Classification: UDC 664. Preparation and preservation of solid food stuffs. Orig.en. London, GB: BSI 1985. 29 p. BS 1000 (664):1985 ISBN 0-580-14252-3
- 85-468 042.1-en-765
British Standards Institution: Universal Decimal Classification: UDC 687. Clothing industry. Beauty culture industries. Orig.en. London, GB: BSI 1984. 26 p. alphabet.index. BS 1000 (687): 1984. ISBN 0-580-14169-1
- 85-469 042.1-de
Deutsches Institut für Normung: Zweite deutsche Gesamtausgabe der DK, 'Ergänzungsblätter'. (Second German Full Edition. Supplement pages) Orig. de. DK-Mitteilungen 1984. p.1550*-1604*
The updated pages concern the following classes:
UDC 338, 347.79/.8, 351.8, 621.32, 621.33, 621.35, 629.11, 630, 631, 663, 669, 678. The complete edition can be ordered from Beuth Verlag, Burggrafenstr. 4-10, D-1000 Berlin 30
- 85-470 042.1-it-6
Consiglio Nazion.delle Ricerche. Ist.Studi Ricerca Docum.Sci.: Classificazione decimale universale. Classe 3. (Universal Decimal Classification) Orig. it. Roma, IT: Edizioni dell'Ateneo 1984. 428 p. =Note di bibliogr. e di docum.sci. 44
Class 3 of the Italian full edition is updated until May 1984, Ext.& Corr.to UDC 12, No.1 are included. No index.
The edition began in 1972 with the volume for classes 50/53. It will end in 1985 with the volume for class 7.
- 85-471 042.1-pl-66; 56
Instytut Inform.Nauk.,Techn.i Ekonom.(IINTE): UDC. Second Polish Full Edition: 34 Law. 37 Education, 389 Metrology, 39 Ethnology. Ethnography. Orig. pl. Warszawa, PL: IINTE 1983, 1984. 291,xii + 120,xii p., alphabet.index (each of the two sections)
- 85-472 042.2-ja
Japan Documentation Society: Universal Decimal Classification. 2nd Japanese. Medium Ed. 1.Tables, 2.Index. Orig. ja. Tokyo, JP: Maruzen Co. 1984. 519+267p., Yen 30,000. =FID 639
- 85-473 042.5-en
Extensions and Corrections to the UDC 1984. Series 12, No 2. Orig. en. s'Gravenhage, NL: FID 1985
- 043 DEWEY DECIMAL CLASSIFICATION (DDC)
- 85-474 043.-83
Beall, J., Comaromi, J.P., Matthews, W.E., New, G.R.: DDC. Dewey Decimal Classification. 004-006 Date processing and computer science and changes in related disciplines. Orig. en. Albany, NY, US: Forest Press 1985. XI,66 p. \$10.-, plus shipping. ISBN 0-910608-36-9
Includes the schedules for Data Processing, Computer Science, replacing those formerly appearing at 001.6 (p.1-17), an index (p.19-28), a manual of application, explaining in extenso, how every class should be understood (p.29-43), a glossary with definitions and explanations of the main concepts (p.45-57) and a section with corrections, changes and new numbers (p.59-66).
- 044 LIBRARY OF CONGRESS CLASSIFICATION AND LCSH
- 85-475 044.8
Studwell, W.E.: Library of Congress Subject Heading Period Subdivisions for Australia, New Zealand and selected world islands: some proposed additions. Orig. en. Cat.Classif.Quarterly Vol 5, No 3, 1985. p.67-78, 17 refs.
- 048 SPECIAL CLASSIFICATION SYSTEMS AND THESAURI
- 85-476 048-18
British Standards Institution: BSI root thesaurus. Eighth updating. Instructions for updating and two lists. Orig. en. Linford Wood, Milton Keynes, GB: BSI 1985. 11 + 62 p.
List A contains deletions (11p.) and List B insertions (62p.)
- 85-477 048-284
INIS: Thesaurus. Orig.en. 770 p. No 13,(Rev.23) Wien, AT: Int. Atomic Energy Agency 1984
This edition contains 16419 accepted terms (descriptors) and 4832 forbidden terms (non-descriptors). New terms are marked by a special sign.
- 85-478 48-28/9
Electricité de France: Thesaurus: mise à jour de la 4ème édition. (4th updating of the thesaurus) Orig. fr. Clamart, FR: Electricité de France 1985. 16 p. ISBN 2-7240-0004-8
- 85-479 048-384
Shvedkov, E.L., Kovenskij, I.I.: Information retrieval thesaurus in powder metallurgy. Orig. ru. Kiev, SU: Nauk.dumka 1984. 365 p., 18 refs.
- 85-480 048-37/8
Inst.of Mining and Metallurgy: IMAGE thesaurus. Orig.en. London, GB: Inst.of Mining and Metallurgy 1984. 178 p.
- 85-481 048-46
Agdex Inform.Serv.: Thesaurus B, expanded from our searching files AGDEXA, five onwards (1984-). Orig. en. Edinburgh, GB: Edinburgh School of Agriculture, Library 1985. 57 p.
- 85-482 048-49
INFOTerra: Thesaurus of environmental terms. Orig.en. Nairobi, KE: INFOTerra 1984. 66p. =United Nations Environment Programme
- 85-483 048-6
Woods, L.J., MacQuibben, M., Goldschmidt, E., Bartenbach, W.K. (Eds.): PAIS subject headings. Orig.en. New York, NY: Public Affairs Inform.Service 1984. 319 p.
An extensive list of subject headings has been built up over the years which represent a pragmatic collection of descriptors reflecting material actually indexed. The volume is in two parts, the list of main headings being followed by a list of subheadings.
- 85-484 048-625/7
Villemot, C.: Projet d'élaboration d'un thésaurus pour l'Institut für Auslandsbeziehungen à partir du système de classification. (Elaboration project of a thesaurus for the Institute for Foreign Relations, departing from a classification system) Orig. fr. Paris, FR: Inst.Natl.des Techniques de la Doc. 1984. 133 p. =Promotion IV
- 85-485 048-72
Ges.für betriebswirtsch.Inform.(GBI): Betriebswirtschaftlicher Thesaurus Datenbank BLISS. (Economic thesaurus database BLISS) Orig. de. München, DE 1984. ca. 100 p.
The thesaurus - of some 1100 concepts - is in alphabetical arrangement.
- 85-486 48-82
Ges.für Inform.& Dokum. Inform.Zentr.für Inform.wiss.u.-praxis (GID-IZ): Deskriptorenliste zum Bereich Informationswissenschaft und -praxis. (Descriptor list in the field of information science and -practice) Orig. de. Frankfurt, DE: GID-IZ 1985. 135 p. ISBN 3-88941-032-4
Alphabetical list of some 800 descriptors and some 500 non-descriptors with relationship indications and scope notes. Most of the terms have also English equivalents. A list of some 200 geographical names is attached.
- 85-487 048-86
Bretonneau, F., Lubkov, M.: Traitements et langages documentaires de presse. Systèmes manuels et informatisés: rapport. 2 vols. (Treatment of documentary languages for the press) Orig. fr. Paris, FR: GROUP (Rech.inform.docum.)1984. x,58+221p., = Convention MIDIST No 82.Z.0884
- 85-488 048-866/7
Whatmore, G. (Ed.): BBC Data's thesaurus of terms: for general, news and current affairs collections. Orig.en. London, GB: BBC Data Publ. 1983. ix,241 p. ISBN 0-946358-04-4
- 85-489 048-948
Picheloup, D.: Céramique grecque: thésaurus. (Greek ceramics: thesaurus) Orig. fr. Paris, FR: Inst.Natl.des Techniques de la Doc. 1984. xv,95 p. =Promotion XIV
Structured alphabetical list and arrow-diagrams to display the relationships.
- 85-490 048-99
Richter, J., Institut für Theologie und Frieden: Bibliographie Theologie und Frieden. Bd.1.2: Thesaurus, Register. (Bibliography theology and peace) Orig. de. Köln, DE: Verl.Bachem 1984. 245 p. ISBN 3-7616-0768-7
The first section of the book is a thesaurus of almost 1000 terms including many names of individual concepts. It exists in 3 parts: an alphabetical list with relationships, a systematic part and an alphabetical descriptor list with explanations (scope notes) to each descriptor. The systematic part is also in 3 parts: 1) for combinations of concepts, 2) "concept fields", and 3) concepts with their partition relationship. The second section of the book is an index of the thesaurus terms to a document collection, accessible by numbers.
- 048.1 GENERAL SCHEMES FOR SPECIAL PURPOSES
- 85-491 048.1
Zentralinst.für Inform.und Dokum.der DDR (ZIID), Berlin, DD: Informationsrecherchesprachen. Normativ-technische Dokumente und methodische Materialien. (Information retrieval languages. Normative-technical documents and methodical materials. Vol.2) Orig. de. Berlin, DD: ZIID 1983. 68 p.

The publication is in three parts: 1) methodical recommendations for the application of the Rubricator, 2) the Rubricator of the ISWTI, 3) changes of the classes on the second level. The 2nd part is a classification system for science and technology, including also the branches of economics. There are 3 levels, the first comprising some 100 classes. The CS is used in the International System for Scientific and Technical Information of the Comecon Countries.

85-492 048.1
Negrini, G.: Un vocabolario quale strumento ausiliario per il reperimento dell'informazione. (A vocabulary as an auxiliary tool for the retrieval of bibliographic information) Orig. It. Roma, IT: CNR-ISRDS 1984. 77p. = Note bibliogr. e di doc. sci. 45
The vocabulary was derived from the semantic comparison of a natural language and the classes of a very detailed classification scheme (UOC). It is designed for the users of a research library in order to improve their access to literature by their own natural language expressions. The vocabulary is related to the classes of the classification system.

05 Periodicals and Serials

85-493 051
(Foskett, O.) Classification Research Group. Bulletin No 12. Orig. en. J. Occ. Vol 41, No 2, 1985. p.75-99
Bulletin No.11 appeared in J.Doc.34(1978)No.1, p.21-50. The present one refers to the colleagues deceased, and the visitors and deals with the following topics which were discussed at CRG meetings during the last 7 years: Problems of a general classification, the Broad System of Ordering, the Bliss Bibliographic Classification, the Classification for Community Information, the Chemical Science Thesaurus, Classification and Online Searching, and the 4th International Study Conference on Classification Research. The bulletin closes with a bibliography of writings by members of the Classification Research Group and gives a list of members (as of Febr.28,1985).

06 Conference Reports, Proceedings

85-494a 06.83-02-27/
Neufeld, M.L., Sperr, I.L., Rowlett, R.J., Miller, M.A.(Eds.), Natl.Feder.of Abstracting and Inform.Serv.: Information transfer. Incentives for innovation. Proc.25th Annual Conf., Febr.27-March 2, 1983. Arlington, VA. Orig.en. Philadelphia, PA: NFAIS 1984. 180p.

85-494b 06.83-03-22/23
Jones, K.P. (Ed.): Intelligent information retrieval. Informatics 7. Proc.of a Conf.held by the Aslib Informatics Group and the Information Retrieval Group of the British Computer Society, Cambridge, 22-23 March 1983. London: Aslib 1984. 149p. ISBN 0-85142-187-5

85-494c 06.83-06-13/14
Heydrich, J.: Studies for theoretical basis of UDC. Orig. en. Int.Inform.Communic.& Educ. Vol 3, No 1 1984. p.68-72
Short report of Committee meeting FIO/CCC/SN "Structure and Notation" held on 13-14 June 1983 at OIN in Cologne, FRG.

85-494d 06.83-07-11/16
Sidorenko, E.A.: The issues of science logic, methodology and philosophy. Orig. ru. Vestn.AN SSSR, No 5, 1984. p.97-101
Reviews the proceedings of the 7th Int.Congress on Logic, Methodology and Philosophy of Science, held on July 11-16, 1983 in Salzburg. The agenda included over 560 papers and contributions. Scientists from 45 countries attended.

85-494e 06.83-08-29/
Rosenbeck, K.: Zum Stand der Fachsprachenforschung. Reflexionen aus Anlaß des 4. Europäischen Fachsprachensymposiums Bordeaux, 29.8.-2.9.1983. (On the state-of-the-art of special language research. Reflections at the occasion of the 4th European Special Language Symposium, Bordeaux, Aug.29-Sept.2,1983) Orig.en. Multilingua Vol 4, No 1, 1985. p.45-51

85-495 06.83-09-5/7
Dietschmann, H.J. (Ed.), Ges.f.Inform.u.Dokum., Dt.Ges.f.Ookum., Sekt.f.Inform.wiss.: Representation and exchange of knowledge as a basis of information processes. Proc.of the 5th Int.Research Forum in Inform.Sci. (IRFIS 5). Orig.en. Amsterdam, NL: North Holland 1984. 445 p. ISBN 0-444-87563-8
Contains 22 contributions on the following topics: general concepts of representation and transfer of knowledge, knowledge representation, and transfer and use of knowledge.

85-496 06.83-09-9/12
Sager, J.S.: Lexicography in Europe. Orig. en. TermNet News No 8, 1984. p.51-53
Report on the LEXETER conference, from 9-12 Sept.1983 at the University of Exeter, GB.

85-497 06.83-09-14/16
Kudryavtseva, V.Yu.: The German-Soviet Seminar, Dornburg, 14-16 Sept.1983. Orig. ru. Sov.bibliogr. No 2, 1984. p.91-92
The theme of the seminar was "The bibliographic index as a system". 11 reports were presented dealing with the essence and structure of bibliographic indexes and with the principles for the improvement of bibliographic methodology.

85-498 06.83-09-29/
Henn-Memmesheimer, B.: Sprache, Kultur und Gesellschaft. Bericht zur 14.Jahrestagung der Gesellschaft für Angewandte Linguistic (GAL) vom 29.9.bis 1.10.1983 in Duisburg. (Language, culture and society. Rep.on the 14th Ann.Conf.of the Soc.for Applied Linguistics) Orig.de. ZGL Vol 12, No 2, 1984. p.224-228

85-499 06.84-04-10/12
Korshunov, O.P.(Ed.): The book and social progress: Proceedings of the 5th All-Union Conference on Book Science, April 10-12, 1984. Section of Bibliography. Orig.ru. Moskva, SU 1984. 48p.
Among other topics the following papers seem to be of relevance to our field of interest:
85-500 Klapiyuk, V.T.: Towards the object and subject of bibliographical science. - 85-501 Klapiyuk, V.T.: Methods of building the concept of "Bibliography Type". - 85-502 Grechikhin, A.A.: Book typology: recent developments and prospects for scientific research. - 85-503 Shvetsova-Vodka, G.N.: Methods of typological grouping of book categories in bibliography. 85-504 Petrov, G.A.: The problem of category definition in book science and its interrelation with the book business practice. 85-505 Sokolovskaya, Z.K.: Towards a typology of biographic literature.

85-506 06.84-04-10/13
Lorenz, B.: Anwendungen in der Klassifikation. 8.Jahrestagung der Gesellschaft für Klassifikation. (Applications in classification. 8th Annual Conference of the German Society for Classification) Orig.de. DFW. Dokum.Inform. 32(1984)5/6 p.125-127

85-507 06.84-07-9/10
Neue Regelwerke zum Schlagwortkatalog. Einführung in RSWK und PRECIS. (New guidelines for the subject catalogue. Introduction into RSWK and PRECIS. Papers given at a further education meeting of the College for Librarianship and Documentation, Köln, July 9-10, 1984) Orig. de. Köln, DE: Greven Verl. 1985. V.175p., =Kölner Arb.zum Bibliotheks- u.Dokumentationswesen, Heft 6
Contains the following 7 papers in German, here in their English translation only:
85-508 Heinrich, G.: The development of uniform "Rules for the subject catalogue (RSWK) and their validity in verbal and classificatory subject analysis. - 85-509 Junginger, F.: Rules for the citation order (Ansetzungsregeln) according to RSWK. 85-510 Poll, R.: Chain formation according to RSWK. - 85-511 Supper, R.: Development and principles of PRECIS, a computer-supported indexing system. - 85-512 Maaßen, B.: The PRECIS-Project of the Deutsche Bibliothek. - 85-513 Kelm, B.: Status and problems of centralized services in the verbal subject analysis of the Deutsche Bibliothek. - 85-514 Frankenberger, R.: The standardized subject authority list.

85-515 06.84-07-9/10
Roebler, D.: Neue Regelwerke zum Schlagwortkatalog. Einführung in die RSWK und PRECIS. (New rules for the subject catalogue. Introduction into the RSWK and PRECIS) Orig. de. Mitt.bl.Bibl. NRW Vol 34, No 4, 1984. p.476-479
Report on the conference held on July 9-10, 1984 at the UB Köln (see also 85-507).

85-516 06.84-08-13/17
Naumann, H.: XV. Internationaler Kongress für Namenforschung. (15th International Congress on Onomastics, 13-17 Aug.1984, Leipzig) Orig. de. Sprachpflege Vol 33, No 12, 1984. p.180

85-517 06.84-09-25/26
Dutz, K.D.(Ed.): Studien zur Klassifikation, Systematik und Terminologie. (Studies in Classification, systematics and terminology. Theory and practice. Acts of the 6th Workshop of the Münster Semiotics Working Circle, Münster, 25-26 Sept.1984) Orig.de,en. Münster, DE: Inst.f.Allg.Sprachwiss., MAKS Publikationen (Postfach 5546, 0-4400 Münster) 1985. 475p. OM 56.- = Arbeiten zur Klassifikation, Vol.5
Contains the 19 papers presented and discussed at the workshop of the Münster Working Circle for Semiotics, Sept.25-26, 1984 with a Foreword by K.D.Dutz. Except for the contribution by J. S.Freedman all articles are in German and are given here only in their English translation:
- 85-518 Dutz, K.O.: Systematics, classification, terminology: setting the frame of the workshop and the text collection. - 85-519 Nedobity, W.: The significance of systematic terminology work for the establishment of knowledge bases and other expert systems. - 85-520 Baxmann, E.M.: Methods and problems of terminology standardization. - 85-521 Greiner, G.: Foundations of library-documentary classification science. - 85-522 Dahlberg, I.: Concept- and definition theory in their relationship to each other. - 85-523 Höfig, W.: Opinions of a librarian on terminology science, terminology planning and terminology

standardization. - 85-524 Meyer, P.G.: The documentary language of the "Bibliography of linguistic literature". Structure and basic problems of its development. - 85-525 Dutz, K.D.: Classification and systematics of a scientific area. An example. - 85-526 Schneider, R.H.: On the antirevolutionary character of library systematics: historicizing mazedness vs. pragmatic pathfinding. - 85-527 Gröschel, B.: Problems of delimitation and outline of a special vocabulary concerning the terminology of linguistics in Russian. - 85-528 Franke, H.: Verbal varieties in German: difficulties of a classification. - 85-529 Zirkel, U.: Varieties of contemporary German: Attempt at a classification. - 85-530 Elling, E.: Representation of the development of classificatory capabilities in the frame of Piaget's theory. - 85-531 Freedman, J.S.: Classification and definition within 16th and 17th century philosophy. - 85-532 Wulff, H.J.: Classification, cultural units and contents analysis: A contribution to the semiotic problem of classifications of the third kind. - 85-533 Merten, K.: Syntax, semantics and pragmatics: On the differentiation of Morris' semiotics. - 85-534 Biller, G.: Prognosis and classification: Two indispensable components of the procedural system for criminals (Strafvollzugssystem). - 85-535 Wulff, H.J.: Classification in the curriculum of linguistics? Theses and examples. - 85-536 Dutz, K.D.: Perspectives of systematics, classification and terminology. A retrospect on the contributions.

85-537 06.84-09-27/30
Marradi, A.: The Rome Symposium on Concept Formation and Measurement, Sept.27-30, 1984. Orig.en. Int.Classif. Vol 12, No 1, (COCTA News) 1985. p.27

85-538 06.85-04-14/19
Krommer-Benz, M.: Report on the Second Infoterm Symposium, First TermNet Assembly, First International Workshop on Terminology Documentation, Vienna, April 14-19, 1985. Orig. en. Special Language Vol 7, No 1-2, 1985. p.69-72

08 Other Monographs (whole field)

85-539 08.1
Meder, N.: Book review of DeMey, M.: The cognitive paradigm. Cognitive science. A newly explored approach to the study of cognition applied in an analysis of science and scientific knowledge. Dordrecht, NL, Boston, MA, US: R.Reidel 1982. Orig. en. Int.Classif. Vol 12, No 1, 1985. p.36-37

85-540 08.133
Löckenhoff, H.: Book review of Richardson, J. (Ed.): Models of reality: Shaping thought and action. Mt.Airy, MD: Lomond Publ. 1984. 328 p. Orig.en. Int.Classif. Vol 12, No 1, 1985. p.37-39

85-541 08.157
Schulz, G.F.: Book review of Brodin, M.L., Mylopoulos, J., Schmidt, J.W.: On conceptual modelling. Perspectives from artificial intelligence, databases and programming languages. Heidelberg, DE: Springer 1984. =Topics in inform.systems. ISBN 0-387-90842-0. Orig.de. Nachr.f.Dokum.36(1983)3, 1985.p.168-9

85-542 08.2
Dhyani, P.: Classification schemes and Indian libraries. Orig. en. New Delhi, IN: Metropolitan Book Company 1983. XI, 220 p. "An attempt to unveil the manifold classificatory problems faced by libraries especially in India".

85-544 08
Satiya, M.P.: Book review of Dhyani, P.: Classification schemes and Indian libraries. New Delhi, IN: Metropolitan Book Co. 1983. Orig. en. Libra Vol 17-19, 1980/82. p.104

85-545 08.2
Chandel, A.S.: Book review of Ihm, P., Dahlberg, I. (Eds.): Numerische und Nicht-Numerische Klassifikation zwischen Theorie und Praxis. (Numerical and non-numerical classification between theory and practice) Orig.en. Frankfurt, DE: Indeks Verl. 1982. Herald Libr.Sci. Vol 23, No 1-2, 1984. p.75-76

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Weishaupt, K.: Sacherschließung in Bibliotheken und Bibliographien. 1. Klassifikatorische Sacherschließung. (Subject analysis in libraries. 1. Classificatory subject analysis) Orig.de. Frankfurt, DE: Klostermann 1985. VII, 175 p. = Das Bibliothekswesen in Einzeldarstellungen, ISBN 3-465-01672-6
Treats, compares with each other and discusses the following classification systems as representatives of certain types of systems, namely a) monohierarchic, b) enumerative, and c) polyhierarchic ones: a) "Allgemeines Repertorium der Litera-

tur" (of 1793), "Schema des Realkatalogs der Universitätsbibliothek Halle (of Hartwig), Dewey Decimal Classification, the "Allgemeine Systematik für Öffentliche Bibliotheken", International Patent Classification, b) "Bibliographisches System" (of Schleiermacher), Library of Congress Classification, Systematik der Stadtbibliothek Hannover, Systematik des bayerischen Verbundes, subject groups of the Deutsche Bibliographie, c) Universal Decimal Classification, Soviet Library Bibliographical Classification (BBK), the system of Hirschberger, the "Doppelt Notierte Einheitsklassifikation", Bliss Bibliographic Classification (1 and 2) and "A Classification of Library and Information Science".

85-548 08.3; 318
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Svenonius, E.: Book review of Neufeld, M.L., Cornog, M., Sperr, I.L. (Eds.): Abstracting and indexing services in perspective: Miles Conrad Memorial Lectures 1969-1983. Arlington, VA: Information Resources Press 1983. xi, 300p. Orig.en. Inform.Process. Managem. Vol 21, No 4, 1985. p.364-365

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85-552 09.26
DIN, Normenausschuß Terminologie (NAT): DIN 2338. Teil 2, Vornorm: Begriffssystem Zeichen. Zeichentypologie. (Concept system for signs. Typology of signs). Orig.de. Berlin, DE: Beuth Verl. 1984. 16 p., 18 figs.

1 THEORETICAL FOUNDATIONS

11 Order and Classification

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Maulinya, A.A.: Classifying or systematization (the librarian's point of view). Orig. ru. Nauch.-tekh.terminol. No 12, 1983. p.13-16, 5 refs.
Discussion on the use of the term 'systematization' instead of classifying which was introduced through a new USSR State Standard. The author doubts the usefulness of this exchange, especially also with respect to international usage.

85-554 111
Ungváry, R.: Ranganathan's classification theory. Orig.hu. Tudom.Műsz.Tajek. Vol 31, No 5, 1984. p.161-175, figs., 14 refs. Comments on excerpts from Prolegomena to Library Classification. Priority is given to Ranganathan's classification philosophy, but extracts characterising the essential features of his personality, his novel ideas, peculiar vocabulary and Indian attitudes and views are also included. (Author)

85-555 118-26
Fugmann, R.: Peculiarities of chemical information from a theoretical viewpoint. Orig. en. Chem.Inform.Comput.Sci. Vol 25, 1985. p.174-180, IAD-Schr.1256
Chemistry is exceptional among the sciences in that information in this field is, owing to the structural formulas, extraordinarily clearly and lucidly defined, particularly durable, and intensively used. Exceptionally high demands can and must therefore be made on the accuracy of the information supply in this field, and its indexing and retrieval techniques are correspondingly advanced. (Author, abbr.)

12 Conceptology in Classification

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Vashchenko, N.D.: Concept formation in a semantic network. Orig. en. Cybernetics Vol 19, No 2, 1983. p.277-285, 12 refs.

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Werner, R.: Semasiologische und enzyklopädische Definition im Wörterbuch. (Semasiological and encyclopedical definition in

the dictionary) Orig. de. In: Theoretische und praktische Probleme der Lexikographie. München, DE 1984. p.382-407

85-558 1232
Wingate, M.L.: Definition is the problem. Orig.en. J.of Speech and Hearing Disorders Vol 49, No 4, 1984. p.429-430

85-559 124
Kuzicheva, Z.A.: From the history of knowledge representation languages. Orig.ru. Vopr.Kybernet.,No 90,1984.p.10-22,22 refs. Examination of some issues in the history of languages developed for knowledge representation and analysis of historical aspects of the problem of interrelation of artificial languages and specific sciences, such as logic, grammar and mathematics. Works written between the 17th century and the 1850s were studied, starting with J.Wilkins and ending with August De Morgan and J.Boole.

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Krutyko, V.N.: A generalized semantic model of an information structure. Orig. ru. Sb.Tr.VNII Sistem.Issled., No 7, 1983. p.110-116, 2 refs.

Examination of the Hammer-McLeod Semantic Database Model used in formalised expression of specific database entities and elaboration of a number of ways towards simplification of the model and extension of its semantic capacity.

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Kandrashina, E.Yu.: Time in the representation of knowledge. Relations between sequences of events. Orig. ru. Novosibirsk, SU: Computing Center SO AN SSSR 1983. 32p., Prepr.No.463

85-562 126
Dmitrevskaya, I.: General scientific notions from the viewpoint of systems approach. Orig.ru. In: Stanovienie i struktura poznaniya i poznaniya. Ivanovo, SU 1983. p.155-163, 11 refs. The process of general scientific notion formation is described with the help of a systems synthesis model. General scientific notions are highly important for the synthesis of scientific knowledge as they perform systematization functions in the process of sciences integration.

85-563 127
Deshko, A.I., Ignatenko, B.V.: Conceptual level description of a subject field in information systems. Orig.ru. In: Modelir.i informat.v.RAS i OGAS. Kiev, SU 1983. p.38-51, 10 refs. Presentation of a logical-information model for subject field (SF) description on the conceptual level of database design, which provides for the integration of the information needs of the various information system users. SF entities are: things, properties and relations. The notion of 'role' is introduced (of a thing in a relation and a property in a thing's description) and uses this concept to development and substantiate the categorial structure of the SF conceptual model.

85-564 127
Erema-Eremenko, A.A.: The methodological basis of implementation of the subject field description subsystem within a database design system. Orig. ru. In: Modelir.i informat.v RAS i OGAS. Kiev, SU 1983. p.71-76, 4 refs.

A conceptual data description (CDD) was developed from source information representing entities, their properties and relationships. Man-machine procedures are given which help to implement the CDD system by performing the functions of definition, analysis, qualification and updating of the source data. The SF description operators are shown which perform in the CDD system the operations of inclusion, definition, deletion, selection, join and separation of entities in question.

85-565 128-11
Przelecki, M.: On the meaning of indexicals. Orig. en. Studia logica Vol 42, No 2-3, 1983. p.285-291

85-566 128-6
Sartori, G. (Ed.): Social Science Concepts. A systematic analysis. Orig. en. Beverly-Hills, CA,US; London,GB; New Delhi,IN: SAGE Publ.1984. 455p., L 30.25, ISBN 0-8039-2177-2. - Contains a Part I: "The Method" with an introduction "Guidelines for Concept Analysis" by G.Sartori and a Part II with treatises on 7 selected concepts as follows:

85-566a Graham, G.J.Jr.: Consensus. 85-566b Riggs,F.W.: Development. 85-566c Jackson, R.H.: Ethnicity. - 85-566d Teune, H.: Integration. 85-566e Patrick, G.M.: Political Culture. 85-566f Lane, J.-E.: Power. - 85-566g Kotowski, Ch.M.: Revolution.

85-567 128-73
Stul', Ya.E., Sukhanov, K.N.: Technical knowledge concepts and their development. Orig. ru. In: Filos.Vopr.Tech.Znaniya. Moskva, SU 1984. p.5-22, 31 refs.

85-568 128-821
Bukumirovic, S.: Systems of information and information systems: towards differentiation of the concepts. Orig.sh. Informatika Vol 17, No 4, 1983. p.187-194, 36 refs.

85-569 128-89
Posner, R.: Nonverbale Zeichen in öffentlicher Kommunikation. (Non verbal signs in public communication. On the history and use of the concepts of 'verbal and nonverbal', 'interaction and communication', 'audience, public and public opinion', 'media', 'mass media' and 'multi-media communication') Orig.de. Z.f.Semiotik Vol 7, No 3, 1985. p.235-271
The author discusses the terminology of descriptive semiotics in the field of nonverbal communication and media studies, encompassing both history and current usage.

13 Mathematics in Classification

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Karelina,E.I., Korennoi,A.A.: The language of information modelling of scientific and technological situations. Orig. ru. Nauchno-tekhn.Inform.,Ser.2 Vol 2, No 7,1983. p.26-32,16 refs. Formalization of modelling methods is made by proposing a network approach based on the construction of a global frame.

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Leeuw, J.de: Book review of: Everitt, B.S., Dunn, G.: Advanced methods of data exploration and modelling. London, GB: Heinemann Educ.Books 1983. 253p. Orig. en. J.Classif. Vol 2, No 1, 1985. p.147-150, 9 refs.

85-572 133
Voronkov, V.I.: An approach to the formalization of sign models of semantic data structures. Orig. ru. In: Sover.sistem obrab. dan.v mezhotrasl.ASU. Kiev, SU 1983. p.44-54, 7 refs.

85-573 138-91
Ecole des Hautes Etudes en Sciences Sociales. Centre de Mathématique Sociale: Mathématiques et Sciences Sociales. Index des articles publiés et des ouvrages analysés numéros 1-80, 1962-1982. (Index of the published articles and analyzed works from number 1-80, 1962-1982 of the French journal Mathematics and Social Sciences) Orig. fr. Mathématiques et Sciences Humaines Vol 21, No 81, Paris, FR 1983. 48p.
Index to the French journal "Mathematics and Social Sciences" in which also a great number of articles have been published relating to linguistic formalisation and linguistics and mathematics.

14 Systems Theory in Classification

85-574 141
Kochergin, A.N.(Ed.): The systems method and contemporary science. Orig. ru. Novosibirsk, SU 1983. 168p. Descriptions of methodological and theoretical problems in the application of the systems approach. The following articles should be of interest for our field. 85-575 Saraeva, I.N.: Toward the problem of definition of the concept "general systemic regularity" within the context of the parametric general systems theory. - 85-576 Rozova,S.S.: Pragmatic nature of the knowledge classification system.

85-577 144
Khasanov, M.Kh., Khabibullaeva,D.P.: Methodological importance of systems approach in scientific cognition. Orig.ru. Obshchestv.nauki v Uzbekistane, No 3, 1984. p.17-25, 41 refs. The philosophic nature of the concepts 'system', 'structure', and 'function' are considered.

85-578 149
Wilkerson, L., Paul, A.: Every system should have one: a collection of properties which can be used as a criterion for evaluating the quality of a system. Orig. en. Inform.Process.& Management Vol 21, No 1, 1985. p.45-49

15 Psychology and Classification

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Yanko, V.M.: Linguistic regularities of indicators, documents, and files and their application in MIS design. Orig. ru. Priboiy i stemy upr., No 3, 1984. p.13-
The main established linguistic regularity is that the average length of an indicator and the minimal requisites of documents and files are approximately equal to man's working memory.

85-580 152
Klix, F.: Grundlage geistiger Leistungsfähigkeit. (Information processing by man as the basis of his intellectual activity) Orig. de. In: Bedeut.Inform.Individ.u.Ges.. Berlin, DO 1983. p.223-241, 4 refs.
The "recognition system" which man possesses can classify objects at the level of their abstract images, concepts. Classes of objects in human memory are hierarchically organised.

Discusses the feasibility of studying thinking patterns using experimental psychological and physiological studies and drawing on AI theory.

85-581 152
Vaina, L.M.: Towards a computational theory of semantic memory. Orig.en. In: Cognitive constraints on communication. Dordrecht, NL: Reidel 1984. p.97-113

85-582 153
Piatelli-Palmarini, M.(Ed.): Language and learning. The debate between Jean Piaget and Noam Chomsky. Orig. en. London, GB: Routledge & Kegan Paul 1983. XXXVI,409p.

85-583 154
Gopnik, A.: Conceptual and semantic change in scientists and children. Why there are no semantic universals. Orig.en. In: Explanations for language universals. Berlin, etc. 1984. p.163-179

85-584 156
Wilson, P.: Book review of Ward, S.A., Reed, L.J.(Eds.): Knowledge structure and use: implications for synthesis and interpretation. Philadelphia, PA, US: Temple University Press 1983. XII,681p. Orig.en. Inform.Process.& Management Vol 21, No 4, 1985. p.370

16 Development of Science and Classification

85-585 161
Kalinina, V.A.: Towards the definition of the concept "knowledge". Orig. ru. In: Dialekt.-materialist.analiz estestvenno-nauch.znaniya. Moskva, SU 1983. p.114-121, 13 refs. Soviet philosophers regard knowledge as a result of the reflection by a subject of the objective reality. Knowledge is interpreted as a phenomenon of conscience and in the objectivized form as a relatively independent integral system. Besides being a sign system and a system of logical sentences, scientific knowledge may also be considered a system of cognitive images.

85-586 161
Satiya, M.P.: On quantifying knowledge. Orig. en. Herald Libr. Sci. Vol 23, No 1-2, 1984. p.23-30, 23 refs. States that difficulties in measuring the quantity of knowledge are built-in. Examines factors such as money spent, number of persons engaged in research, documents published, ideas and bits, as possible units for measuring knowledge. Applies J.J.Rousseau's law of elites to the number of documents to estimate the quantity of knowledge.

85-587 1621
Kuptsov, V.: The structure of scientific knowledge. Orig. ru. Obshchestv.nauki No 3, 1984. p.121-133
Scientific knowledge is seen as a complex system of a hierarchy of structural levels: focal knowledge, scientific field knowledge and knowledge embracing entire sciences.

85-588 1627
Krasnonos, N.A.: Correlation of the principles of the material unity of the world and the unity of knowledge in scientific cognition. Orig. ru. Filos.probl. sovrem. estestvozn., No 56, 1984. p.30-37, 11 refs.

85-589 164
Shreyder, Yu.A.: Standards in information and traditions of science: a philosophic-methodological aspect. Orig. ru. In: Probl.razrab.i vnedreniya standartov po NTI, bibli.i izdat.delu (sistema SIBID) v svete postanovleniya TSK KPSS i Sov.Min.SSSR. Moskva, SU 1984. p.28-29
The work of ordering and standardization of accumulated knowledge terms and elaborated methods is a necessary means for developing the new which negates already achieved results.

85-590 166
Karpov, Yu.M.: A method for structural investigation of problem areas in science using the techniques of cluster analysis of bibliographic data networks. Orig. ru. Probl.inform.sistem., No 3, 1983. p.25-40, 8 refs.

85-591 166
Sengupta, I.N., Oespane, K.S.: History of the growth of knowledge in the field of biophysics. Orig.en. Herald Libr.Sci. Vol 23, No 2-3, 1984. p.124-134
Narrates the important research and discoveries in biophysics.

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Mahapatra, M., Musib, S.K.: Subject dispersion studies in agricultural economics. Libri 34(1984)No 4, p.341-349, 9 refs. The scope of this paper lies in analyzing the citations appended to the research papers in agricultural economics with a view to finding out the amount of subject dispersion among citations and the nature of subject influencing the formation and development of the field of agricultural economics.

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85-594 179
Foskett, D.J.: Il futuro della classificazione. (The future of classification) Orig.it. Biblioteche Oggi 2(1984)No 3, p.31-36

18 Classification Research

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85-595 188
Kumar, Krishan: Research in library classification in India. Orig. en. In: Gupta, B.M. et al: Handbook of libraries, archives and information centers in India. Chap.20. New Delhi, IN: Infonnation Industry Publ. 1984-5. p.278-293, 29+12 refs.

19 History of Classification

See also 85-531

85-596 191
Biagetti, M.T.: Book review of Serrai, A.: Dai "loci communes" alla bibliometria (From "loci communes" to bibliometry) Roma, IT: Bulzoni 1984. 237 p. Orig. en. Int.Classif. Vol 12, No 1, 1985. p.43-44
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Holman, E.W.: Evolutionary and psychological effects in pre-evolutionary classifications. Orig.en. J.Classif. Vol 2, No 1, 1985. p.29-39, 19 refs.

2 STRUCTURE AND CONSTRUCTION OF CS & T

21 General questions of CS & T

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Livchak, A.B.: On the semantic power of the query language. Orig.ru. Nauchno-tekh.nform., Ser.2, No 2, 1984. p.30-31, 16 refs.

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Rolling, L.: Langages documentaires. (Indexing languages) Orig. fr. In: Informatique et Inform.Sci.et Techn. Le Chesnay, FR 19847. p.73-85

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Nowicki, W.: Characteristics of notional systems. Orig.pl. Zag. naukozn. Vol 19, No 1-2, 1983. p.127-140

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Morozov, V.V., Pevzner, 8.R.: Sprachliche Sicherstellung automatisierter Systeme der wissenschaftlich-technischen Information. (Verbal control in automated systems of scientific and technical information) Orig. de. Berlin, OD: Zentralinst.f.Inform.u.Ookum.d.OOR 1983. 61p.

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Description of a project aiming at the compilation of lists of basic terms, especially of its methods and results.

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Satija, M.P.: Anatomy of the growth of knowledge. Orig.en. Int. Librarian (Simla, IN) Vol 1, No 1, 1985. p.17-26, 22 refs.

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Sorokina, H.G.: Thesaurus models of vocabulary combinability: implementation methodology. Orig. ru. In: Probl.tekhn.perevoorzheniya b-k. Leningrad, SU 1983. p.112-127, 3 refs.

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Ross, J.: Geographic headings online. Orig.en. Catalog.& Clas-sif.Quarterly Vol 5, No 2, 1984. p.27-43, 17 refs.

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25 Numerical Taxonomy

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Goodman, M.: Book review of Felsenstein, J. (Ed.): Numerical taxonomy. Berlin, DE: Springer Verl. 1983. 644 p. Orig. en. J. Classif. Vol 2, No 1, 1985. p.145-146, 3 refs.

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