

Classification Literature 18(1991)No.3 (3-001 - 3-366)

As there was no space left in this issue for the outline to Classification Literature we ask our readers to kindly have a look at the outline given in the last issue (IC 91-3). Also for reasons of space it was not possible to include the many abstracts available to most of the references. The reader is invited to ask for those in which he is interested. We will try to supply them according to our possibilities. The notation at the right refers to our classification system based on the outline. It was published in IC 1985-3, p.147-151.

0 FORM DIVISIONS

01 Bibliographies

- 3-001 016.753
Searching Techniques, Indexing, Manual vs. Machine Searching.
Online Review Vol 14, No 4, 1990. p.522-23
Lists some 40 references on the subjects of the topic.

02 Literature Reviews

See also 3-244

- 3-002 026.757
Schuegraf, E.J.: A survey of expert systems in library and information science. Can. J. Inform.Sci. 15(1990)No 3, p.42-57, 79 refs.

- 3-003 026
Weckert, J.; Cooper, C.: Artificial intelligence, expert systems and librarianship: a review of the literature. Orig.en. Australian Libr.Rev. Vol 7, No 4, 1990. p.281-299, 138 refs.

03 Dictionaries, Terminologies

- 3-004 032
Bakewell, K.G.B.: Book review of Prytherch, R. (Comp.): Harrod's Librarians' glossary of terms used in librarianship, documentation and the book crafts and reference book. 7th ed. Aldershot: Gower 1990. XI, 673p. Indexer Vol 17, No 4, 1991. p.298

- 3-005 036
Guntton, T.: A dictionary of information technology and computer science. Oxford, GB: NCC Blackwell 1990. 205 p. ISBN 1-85554-058-4

- 3-006 036.820
Westbrook, J.H.; Grattidge, W. (Eds.): A glossary of terms relating to data, data capture, data manipulation, and databases. CODATA Bull. Vol 23, No 1-3, 1991. XIII, 196p., 17+51 refs. In systematic order, with definitions.

- 3-007 038-824
Terminology for parliamentary archivists, de - en - fr. Mitt. Parlaments- u. Parteistiftungsarchivare, No 16, 1990. p.5-22

- 3-008 038-834
Pustobaev, V.P.; Popov, S.I.; Grachev, V.A.: Terminological reference dictionary of programming. Orig.ru. Omsk, SU 1989. 100p.

- 3-009 038-91
Bandhauer, W.; Raasch, A.; Wagner, R.; Zarotti, A.: Linguistisches Glossar (D-F/F-D). (Linguistic glossary, de-fr, fr-de) Lebende Sprachen Vol 35, No 2, 1990. p.68-75, 12 refs.

04 Classification Systems & Thesauri

041 General Classification Systems and Thesauri

- 3-010 041-de
Hierzer, A. (Ed.): Neuer systematischer Katalog: Fachgruppenschema ab 1986. (New systematic catalogue, Scheme of Subject Groups as of 1986) Orig.de. Graz, Austria: Universitätsbibliothek 1988. 88p., Bibliogr.Inform., Univ.Bibl.Graz, 49

- 3-011 041-de
Lehman, K. (Ed.): KAB aktuell: Informationen, Erg., Korrekturen u. Titellisten zu KAB/E u. KAB/K. (Classification for General Libraries, Germany; Information, Corrections and title lists) Orig.de. Berlin: Zentralinst.f.Bibliothekswesen 1990. 68p.

- 3-012 0448.5
Burgett, T.H.; Roberts, C.W. (Comps.): Library of Congress Subject Headings Significant Changes 1974-1988. Lake Crystal, MN: Soldier Creek Press 1988. ISBN 0-936996-33-1

048- Special Classification Systems and Thesauri

- 3-013a 048-21/24
INSPEC Thesaurus 1991. London: Institution of Electrical Engineers 1991. 608 p., ISBN 0-85296-489-7

- 3-013b 048-33/36
Australian thesaurus of earth sciences and related terms, 3rd ed. Adelaide: Australian Mineral Foundation 1987. 351p. ISBN 0-908039-51-4

- 3-014 048-355
MARNA Classification. Orig.en. Rotterdam, NL: Netherlands Maritime Information Centre/CMO 1991. 67p.

- 3-015 048-51/54
Parmentier, C.: Enrichissement du thésaurus de la Banque d'Informations sur les Recherches (BIR) de l'INSERM. (Enlargement of the Thesaurus BIR of INSERM) Orig. fr. Paris, FR: Inst.Natl.Tech.N.Doc.(INTD) 1990. 85p.

- 3-016 048-522/3
Pharmaline Thesaurus, 4th ed., Supplement No.2. Orig. en. Leicester, GB: Drug Information Pharmacists' Group 1990. 12p.

- 3-017 048-55
Walker, A., Jr. (Ed.): Thesaurus of Psychological Index Terms, 6th ed. Arlington, VA: Amer.Psychol.Assoc. 1991. 332p., ISBN 1-55798-111-6.

- Book review by Pat Booth in Indexer 17(1991)No.4, p.297. Almost 7000 terms in alphabetical order with a Rotated Alphabetical Terms Section and a subject category listing.

- 3-018 048-56
NERIS Curriculum Thesaurus. Orig.en. Milton Keynes, Beds.: NERIS 1990. 174p., ISBN 0-95167450-1

- 3-019 048-68
Jacobs, C.R.: Defense Technical Information Center thesaurus. Orig.en. Arlington, VA: Defense Technical Inform.Center 1990. 243p., AD-A226000/8/HCW

- 3-020 048-681
Peace and security thesaurus. Orig.en,fr. Ottawa: Canadian Institute for International Peace and Security 1990. I, 109p.

- 3-021 048-75
Building services thesaurus - Pt.1: Alphabetical list. 2nd rev ed. Bracknell, Berks.: BSRIA 1990. 193p., ISBN 0-86022-243-8

- 3-022 048-78
Cazou, C.: Elaboration du thésaurus transport de la SNCF. (Elaboration of the transportation thesaurus of the Soc.Natl.Chemin de Fer) Orig.fr. Paris: INTO (Mémoire) 1990. 146p.+ annexe

- 3-023 048-817; -51/4
CRISP thesaurus. Fiscal year 1989. Orig.en. Bethesda, MD: National Institutes of Health. Dept.of Health & Human Services 1989. 799p., NTIS PB89-206015

- 3-024 048-93
Klassifikation für Musikalien (Noten) - KAB/MN: 4.Entwurf d. Gliederung. (Classification for music {notes}: 4th Draft Outline) Orig.de. Forum Musikbibl., No 1, 1991. p.42-49

- 3-025 048-93
Tucker, R. (Ed.): Authority control in music libraries. Orig.en. Canton, Mass.: Music Library Assoc. 1989, ISBN 0-914954-37-7

- 3-026 048-93
Christie, M.L.: Book review of Harrold, A., Lea, G.: Musaurus. A music thesaurus: a new approach to organizing music information. London: Music Press 1991. 128p. Orig.en. Indexer Vol 17, No 4, 1991. p.296-296

- 3-027 048-94
Petersen, T.; Getty Art History Information Program: The Art and Architecture Thesaurus. Vols.1-3. New York, NY: Oxford University Press 1990.

05 Periodicals and Serials

See also 3-100

- 3-028 051.845
Kascus, M.A.: Cataloging & Classification Quarterly, 1980-1990: Index, Volumes 1-10. Cat. & Classif. Quart. 12 (1991) No.3-4 p.81-236

06 Conference Reports, Proceedings

3-029 06.88-03; 196
Hermans, A.: La science des vocabulaires spécialisés: histoires et perspectives. (The science of specialized vocabularies: history and perspectives) Orig.fr. Banque des Mots, No 40, 1990. p.108-112

3-030 06.88-09-; 166
Ennals, R.; Gardin, J.-C.: Interpretation in the humanities: perspectives from artificial intelligence. Orig.en. London, GB: British Library 1990. 383p., ISBN 0-7123-3186-7
Book review by Gerard Losfeld, in: Int.J.Inform.& Libr.Res., 2(1990)No.1, p.57-58
Papers of a round table held in September 1988.

3-031 06.88-12-18/21; 251
Cliff, N.: Book review of Jansen, M.G.H. Schuur, W.H. van (Eds.): The many faces of multivariate analysis: Proc. of the SMABS-88 Conference, Groningen, Dec.18-21, 1988, vols.1 & 2. Groningen: RION, Inst.voor Onderwijsonderzoek, Rijksuniversiteit., J.Classif. Vol 7, 1990. p.129-133

3-032 06.89-10-5/6; 485
Hartwig, G.: (Book review of) Stephan, W. (Ed.): Die Schlagwortnormdatei. Entwicklungsstand u. Nutzungsmöglichkeiten. Vorträge eines Kolloquiums... in Frankfurt, 5.u.6.10.1989. Berlin: Dt.Bibliotheksinstitut 1990. 179p. Orig.de. Mitt.bl.NRW v. 40, No 3, 1990. p.280

3-033 06.89-11-6/10; 934.33 DE
Lohse, H.: (Book review of) Römer, G. (Ed.): Sacherschließung im Verbund. Vorträge, Materialien u. Arbeitsergebnisse eines Fortbildungskurses d. Landes Baden-Württemberg im Mathemat.Fortbildungsinstitut Oberwolfach-Walke, 6.-10.11.1989. Karlsruhe: Badische Landesbibliothek 1990. 275p. (Cooperative Subject Indexing.) Orig.de Mitt.bl.NRW Vol 40, No 4, 1990, p.430-431

3-034 06.90-11-04
Busch, J.A.: The first ASIS SIG/CR Classification Workshop. Bull.Amer.Soc.Inform.Sci. Vol 17, No 3, 1991. p.31-32
Report with brief summaries of the papers.

3-035 06.90-12-3/4
Negrini, G.; Farnese, T.; Benediktsson, D. (Eds.): Documentary Languages and Databases. Papers from the Rome Conference, Dec. 3-4, 1990. Orig.en. Frankfurt/Main: INDEKS Verlag 1991. 272p., ISBN 3-88672-022-5. (Advances in Knowledge Organization, 3)
Contains the English translations of a selection of papers of the reference 2-138 in IC 1991-3, p.177 with introductions by P.Bisogno and G.Negrini. A name and subject index is included.
3-036 Costanzo Capitani, P.: ISO International Standard: An instrument and an objective. - 3-037 Imberciadori, F.: The European Thesaurus of Education. - 3-038 Potenza, R.: Thesauri in earth sciences. - 3-039 Ciampi, C.: THES-MAKER: A program for the semi-automated building of thesauri. - 3-040 Felluga, B.; Lucke, S., Palmera, M.: From a system of descriptors to a thesaurus for the environment. - 3-041 Cammelli, A.: THES-GIUR: a thesaurus as an aid to a legal database and for the analysis of the lexicon of the law. - 3-042 Dahlberg, I.: Philosophical foundations of conceptual ordering systems. - 3-043 Maniez, J.: Are classifications still relevant in databases? 3-044 Negrini, G.: Objectives and multidisciplinary nature of a mission-oriented project. - 3-045 Venerosi, P.: Using a documentary language in a human interface. - 3-046 Campochiaro, E.; Marcelli, F.: Thesaurus and UDC classification: an integrated system of online indexing and retrieval of parliamentary information. 3-047 Naldi, F.; Carrara, P., Vannini Parenti, I.: The data banks of CNR research projects. - 3-048 Zampolli, A.; Calzolari, N.: Linguistic tools for information retrieval. - 3-049 Rossi Mori, A.; Galeazzi, E., Gangemi, A., Pisanelli, D.M., Thornton, A.M.: The transfer of medical concepts in a multilingual environment. - 3-050 Agosti, M.: Usage of current hypertext systems as powerful information retrieval tools. - 3-051 Groppi, G.: Information retrieval techniques for various data bases in the same subject area. - 3-052 Basili, C.; Palazzolo, N., Tammaro, A.M.: IRIDA: A project for intelligent information retrieval. - 3-053 Taddei Elmi, G.: The problem of meaning of legal informatics. From traditional classification languages "used" in informatics to natural languages understood in informatics. - 3-054 Cognetti, G.; Poppi, G.: Problems of indexing in Italian biomedical libraries. 3-055 Barbieri, G.; Colazzo, L., Molinari, A.: A hypertext system for the management of complex objects. -

3-056 06.91-02; -04; 925
CRG Meetings 280 and 281. Int.Classif. 18(1991)No 3, p.159
Short report on two meetings of the British Classification Research Group held in February and April 1991.

3-057 06.91-03-20/22
Informatics 11 Conference explores the structure of information. Aslib Inform. Vol 19(1991)No.6, p.207
The five sessions of this conference dealt with 1) Text structures, 2) Information structures based on text, 3) Conceptual information structures, 4) Novel information, 5) User modeling.

3-058 06.91-05-13/16
Stancikova, P.: NISKO'91 at Bratislava. Orig.en. Int.Classif. Vol 18, No 3, 1991. p.167-168

3-059 06.91-05-24
Greiner, G.: 81st German Library Convention. Topical Area XI: Subject Analysis. Int.Classif. Vol 18, No 3, 1991. p.161

3-060 06.91-07-10/11
12th International SCCAC Meeting. Orig. en. Int.Classif. Vol 18, No 3, 1991. p.160-161
Short report on the meeting of the Society for Conceptual and Contents Analysis by Computer, July 10-11, 1991, Germany.

3-061 06.91-10-01
Deutscher Dokumentartag Ulm. Int.Classif. 18(1991)No 3, p.162
Short preview on the topic of the special session organized by the Committee on Knowledge Processing, Artificial Intelligence and Information Science, Ulm, Oct.1, 1991.

3-062 06.91-10-14/18
Wissensorganisation'91. (Knowledge Organization'91) Orig. en. Int.Classif. Vol 18, No 3, 1991. p.168-169
Preview with the complete program of the German ISKO Chapter's 2nd conference, Weilburg, 14-18 Oct.1991.

07 Textbooks

See also 3-105, 3-253

3-063 07.11
Satiya, M.P.: (Book review of) Kumar, Krishan: Theory of classification. 4th rev.ed., New Delhi: VIKAS 1988 (1991 repr.). IX, 560p. Int.Classif. Vol 18, No 3, 1991. p.170-171, 2 refs.

08 Other Monographs

3-064 08.11
Vickery, B.C.: (Book review of) "Eric de Grolier's 'Big Book' on classification". Int.Classif. Vol 18, No 3, 1991. p.170

3-065 08.71
Brookes, B.C.: (Book review of) Blair, D.C.: Language and representation in information retrieval. Amsterdam: Elsevier 1990. XIV, 335p. Orig.en. J.Doc. Vol 46, No 4, 1990. p.373-374

3-065 08.711
Dietze, J.: Einführung in die Informationslinguistik. (Introduction into information linguistics) Orig.de. München: K.G. Saur Verlag 1989/1991. 159p., 344 refs.
The four major chapters deal with 1) Introduction, 2) Meta-language and grammar, 3) Analysis and synthesis of natural language, 4) Application areas. Name and subject index.

3-067 08.75
Oberhauser, O.C.: Multimedia information storage and retrieval using optical disc technology. Potential for library and information services. Orig.en. Wien: Österr.Inst.f.Bibliotheks-forschung, Dokumentations- u. Informationswesen 1990. 182p., 327 refs., 4 app., Biblos-Schriften, Bd.151
Inventory of the present situation and a rich information source. Study was made in 1989 at the Department of Information and Library Studies, University College of Wales.

1 THEORETICAL FOUNDATIONS

11 Order and Classification

See also 3-063, 3-064, 3-285

3-068 111; 132
Kononov, B.P.: Classification logic: Classes and sets, explanation of paradoxes, and blurred classes. Orig.ru, transl. into en. Autom.Doc.& Math.Linguist. 25(1991)No 1, p.7-13, 10 refs.

3-069 114
Guha, R.V., Lenat, D.B.: Cyc: A midterm report. Orig. en. AI Magazine, No 4, 1990. p.33-59, 31 refs.

3-070 114
Travis, I.L.: Cyc Project. Book review. ASIS/SIG/CR News, June 1990. p.5
Summary review of the following three works by the same authors: (1) Lenat, D.B., Guha, R.V.: Building large knowledge-based systems: Representation and inference in the Cyc Project. Reading, MA: Addison-Wesley 1990. (2) Cyc1: The Cyc representation language, Pt.3. Austin, TX: Microelectronics and Computer Technology Corp. (MCC Techn.Rpt.No.ACT-AI-454-89) 1989. (3) The world according to Cyc, Pt.3. Austin 1989. MCC Techn. Rpt. No. ACT-AI-455-89).

3-071 115.192
Perreault, J.M.: An essay on the prehistory of general categories (I): T.Jefferson. Int.Classif. 18(1991)No 3, p.134-142, 5 refs.

3-072 116
Bricker, R.: Deriving disciplinary structures: Some new methods, models, and an illustration with accounting. Orig. en. *J. Amer. Soc. Inform. Sci.* Vol 42, No 1, 1991. p.27-35, 33 refs.

3-073 116
Serov, V.R.; Kozlova, I.V.: Modelling thematic structures of subject fields. Orig.ru, transl. into en. *Automatic Doc. & Math. Linguistics* Vol 24, No 4, 1990. p.28-34, 12 refs.

3-074 116
Solov'eva, E.A.: Design principles, structure, and properties of a consistent model of conceptual system. Orig.ru, transl. into en. *Autom. Doc. & Math. Linguistics* Vol 24, No 2, 1990. p.43-54, 34 refs.

3-075 119
Skovira, R.J.; Batty, C.D.; Travis, L.L.: Classification: Foundations, rediscovery, and relevance. In: *Managing Inform. & Technol.*, Proc. 52nd Ann. Meet. Amer. Soc. Inform. Sci. Washington, DC, Nov. 1989. Medford, NJ: Learned Inform. 1989. p.229-230

12 Conceptology in Classification

3-076 123; 757
Buschmann, H.: Entwurf eines kreativen Expertensystems. (Design of a creative expert system) Orig.de. *Angewandte Informatik*, No 2, 1989. p.63-75, 21 refs.

3-077 124; 757
Aleksandrov, V.V. (Ed.): Knowledge representation and expert systems: Collected papers. Orig. ru. St. Petersburg: AN SSSR. Leningr. Inst. Inform. i Avtomatiz. 1989. 194p., 6 refs.
3-078 Jarushkin, B.I.; Pennyakov, L.A.: Knowledge representation in the SAPR-EXPERT Tool Kit. 3-079 Sanonov, A.V.: A technique for design of specialised knowledge acquisition shells. 3-080 Novikov, A.Yu.: Revealing inconsistencies in ES deductive knowledge bases. - 3-081 Polyakov, M.I.; Ballyuzek, F.V.; Dobrynin, E.V.: Features of knowledge representation and use in medical expert systems.

3-082 124
Habel, Ch.: Repräsentation von Wissen. (Representation of knowledge) Orig.de. *Informatik Spektrum* 13(1990)No 3, p.126-136

3-083 124; 721
Lobanov, A.S.: A syntagmatic model of representation of knowledge and evaluation of the amount of semantic information in specialist training. Orig.ru, transl. into en. *Autom. Doc. & Math. Linguistics* Vol 25, No 1, 1991. p.58-67, 9 refs.

3-084 124; 132
Santamarina, C.; Salvendy, G.: Fuzzy sets based knowledge systems and knowledge elicitation. Orig.en. *Behav. Inf. Technol.* Vol 10, No 1, 1991. p.23-40

3-085 128-82
Apoyan, G.G.: Information: Denotatum and definitions. Orig.en. *Int. Forum Inform. & Doc.* Vol 16, No 3, 1991. p.3-5

3-086 128-82
Bonitz, M.: Information - Wissen - Informatik. (Information - Knowledge - Computer Science) Orig.de. *Informatik* Vol 37, No 4, 1990. p.132-135, 21 refs.

3-087 128-82
Buckland, M.K.: Information as a thing. Orig.en. *J. Amer. Soc. Inform. Sci.* Vol 42, No 5, 1991. p.351-360, 43 refs.

3-088 128-82
Wenzlaff, B.: Vielfalt der Informationsbegriffe. (Multitude of information concepts) Orig.de. *Nachr. Dok.* Vol 42, No 5, 1991. p.355-361, 58 refs.

13 Mathematics in Classification

See also 3-068, 3-084, 3-128

3-089 131
Kuznetsov, S.O.: Stability as an estimate of the degree of substantiation of hypotheses derived on the basis of operational similarity. Orig.ru, transl. into en. *Autom. Doc. & Math. Linguistics* Vol 24, No 6, 1990. p.62-75, 21 refs.

3-090 133
Dunaev, V.V.: A mathematical classification model. Orig.ru, transl. into en. *Autom. Doc. & Math. Linguistics* Vol 24, No 2, 1990. p.28-35, 9 refs.

15 Psychology and Classification

3-091 156
Karbach, W.; Linster, M.; Voss, A.: Models, methods, roles and tasks: many labels - one idea? Orig.en. *Knowledge Acquisition* Vol 2, No 4, 1990. p.279-299, 26 refs.

3-092 156
Sherratt, Ch.S.; Schlabach, M.O.: The applications of concept mapping in reference and information services. Orig.en. *RQ* Vol 30, No 1, 1990. p.60-69, 19 refs.

3-093 156; 872
Ashford, J.: Book review of Tufte, E.R.: The visual display of quantitative information. Cheshire, CT: Graphics Press 1983. 197p. and Tufte, E.R.: Envisioning information (same publisher) 1990. 125p. Orig.en. *J. Doc.* Vol 47, No 1, 1991. p.99-102

16 Development of Science and Classification

See also 3-030

3-094 161
Gavrilova, T.A.: From a knowledge field to a knowledge base via formalization. Orig.ru. In: *Predstavlenie znaniyi i ekspert. sistemy.* Leningrad, SU 1989. p.16-25, 12 refs.

3-095 164
Roberts, D.: Knowledge creation by information retrieval. Orig.en. *J. Doc.* Vol 46, No 4, 1990. p.365-367, 13 refs.

3-096 164
Davies, R.: Generating new knowledge by retrieving information. Orig.en. *J. Doc.* Vol 46, No 4, 1990. p.368-372, 23 refs.

17 Problems in Classification

3-097 174
Andrian, A.C.: Practical problems related to the computer-aided information and documentation. Pt. I. Orig.ro, en. *Probl. de inform. si doc.* Vol 25, No 2, 1991. p.65-85

3-098 176; 255
Shaw, M.J.; Gentry, J.A.: Inductive learning for risk classification. *IEEE Expert Systems* 5(1990)No 1, p.47-53, 24 refs.

3-099 179
Ursul, A.D.: Development of the noosphere and the prospects of informatics. Orig.ru, transl. into en. *Autom. Doc. & Math. Linguistics* Vol 24, No 5, 1990. p.37-46, 31 refs.

18 Classification Research

See also 3-101

3-100 182
Carter, R.C.; Kascus, M.A.: Cataloging & Classification Quarterly, 1980-1990: Content, change, and trends. Orig. en. *Cat. & Classif. Quart.* Vol 12, No 3/4, 1991. p.69-79, 4 refs.

19 History of Classification

See also 3-029, 3-071

3-101 191; 312; 182
Langridge, D.: Classifying knowledge. In: Meadows, A.I. (Ed.); *Knowledge and communication: Essays on the information chain.* London, GB: Libr. Assoc. Publ. 1991. p.1-18, 28 refs. Shows classification in historical perspective and delineates the current scene in classification research. (M.P.S.)

3-102 193
Osborn, A.D.: From Cutter and Dewey to Mortimer Taube and beyond: A complete century of change in cataloging and classification. *Cat. & Classif. Quart.* 12(1991)No 3/4, p.35-50, 27 refs.

3-103 193; 872
Rovelstad, M.V.: A seventeenth-century proposal for physical access and literature evaluation. Orig.en. *Libr. Quart.* Vol 61, No 2, 1991. p.174-187, 20 refs.

2 STRUCTURE AND CONSTRUCTION OF CS & T

21 General questions of CS & T

3-104 21.179
Schmitz-Esser, W.: New approaches in thesaurus application. Orig.en. *Int. Classif.* Vol 18, No 3, 1991. p.143-147, 9 refs.

3-105 213.07
Curras, E.: Thesaurus. Lenguajes Terminologicos. (Thesaurus. Terminological languages) Orig.es. Madrid: Ed. Paraninfo 1991. 284p., 24 refs. Author and subject index. 49 figs. The author states that the book is based on the Aitchison/Gilchrist work on thesaurus construction. It contains ten chapters: 1) Terminology, 2) Historical evolution, 3) Language concerns, 4) Terminological languages, 5) The structure of a thesaurus, 6) Construction of a thesaurus, 7) Presentation forms of a thesaurus, 8) Multilingual thesauri, 9) On publication & other complementary questions, 10) On the use of a thesaurus.

213 See also 3-211, 3-212, 3-311

3-106 217
Kwasnik, B.H.: Thesauri as knowledge bases for information retrieval. In: Inform.in the Year 2000: From Research to Applications. ASIS'90: Proc.53rd ASIS Ann.Meet., Toronto, Ont., Nov. 4-8, 1990. Medford, NJ: Learned Inform. 1990. p.346

3-107 218; 985
Kasisviswanadham, S.: Thesaurus approach in profile construction. Orig.en. Lucknow Librarian Vol 22, No 3-4, 1990. p.68-74

22 Elements of CS & T

See also 3-247, 3-263

3-108 222
Khakhaleva, N.I.: Terms which reveal the structure of large library collections. Orig. ru. Sov.Bibl., No 3, 1989. p.44-49

3-109 222; 228-73
Antonova, M.V.; Leichik, V.M.: The functions of scientific and engineering terms and their applications in information processes. Orig.ru, transl.into en. Autom.Doc.& Math.Linguistics Vol 24, No 6, 1990. p.1-7, 33 refs.

3-110 224
Sapelkin, V.S.: A hierarchical structure of a framework rubricator. Orig.ru, transl.into en. Autom.Doc.& Math.Linguistics Vol 24, No 2, 1990. p.71-75, 16 refs.

3-111 228-6
Wepsiec, J.: Hierarchical structure of subject headings in the social sciences. Cat.& Classif.Quart. Vol 13, No 1, 1991. p.79-102, 37 refs.

3-112 229
Zenovich, S.V.: A graphic representation model of a classification and its adaptation in an automated information system. Orig.ru. Nauch.-tekhn.inform., Ser.2, No 7, 1989. p.9-12

23 Construction of CS & T

3-113 231
Giudicelli, D.: Préliminaire à l'élaboration d'un thésaurus: récit méthodologique. (Preliminary steps in thesaurus elaboration methodology) Orig.fr. Paris: INTO (Mémoire) 1990. 49p.

3-114 234
Yakimov, A.E.: Linguistic component of systems of computer-aided design for industrial enterprises. Orig.ru, transl.into en. Autom.Doc.& Math.Linguistics 24(1990)No 5, p.65-68, 7 refs.

3-115 236
Lhermenier, H.: La construction d'un thésaurus en fonction des besoins de ses utilisateurs. (The construction of a thesaurus according to the needs of its users) Orig.fr. Paris: Institut d'Etudes Politiques (IEP) (Mém.DESS) 1990. 105p.

3-116 237
Egyud, J.; Karron, A.; Squillante, P.L.; Franklin Electronic Publishers, Inc.: Electronic thesaurus with access history list. Orig.en. US Patent, No. 5007019, April 9, 1991.

3-117 237
Kimoto, H.; Iwadera, T.: Construction of a dynamic thesaurus and its use for associated information retrieval. Orig.en. In: Vickdick, J.L. (Ed.); ACM.SIGIR; 13th Int.Conf.on Research & Development in Inform.Retrieval. New York 1990. p.227-240, 4 refs.

3-118 237; 387
Nohr, H.: Thesaurusarbeit mit LIDOS. (Thesaurus work with LIDOS) Orig.de. Nachr.Dok. 42(1991)No 3, p.217-220, 6 refs.

3-119 237
Salem, S.: Problems of thesauri construction and development in Arabic languages - case studies. Orig.en. Microcomputers for Inform.Management Vol 8, No 1, 1991. p.27-44, 17 refs.

24 Relationships

See also 3-273

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The references of the further subsections, of group 9 will be included in the next issue of IC.

Language abbreviations:

bg	Bulgarian	ja	Japanese
cs	Czech	li	Lithuanian
da	Danish	nl	Dutch
de	German	pl	Polish
en	English	pt	Portuguese
es	Spanish	ro	Romanian
fi	Finnish	ru	Russian
fr	French	sh	Serbo-Croatian
hu	Hungarian	sk	Slovakian
it	Italian	uk	Ukrainian