

Classification Literature 18(1991)No.2 (2-001 - 2-686)

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* Divisions of 04, 5, 6, 78, 82 and 88 according to the Information Coding Classification (ICC) described and displayed in Int.Classif.9(1982)No.2, p.87-93 and in the International Classification and Indexing Bibliography, Vol.1.(1982).

A further division of the above scheme (by one and sometimes two levels) was published in Int.Classif.12(1985)No.3, p.147-151. From this more detailed scheme it will be visible that subject fields may also occur in many cases on the third and also forth level of division, indicated by the number 8.

** Monographs on special topics at special subdivisions.

*** CS & T stands for Classification Systems and Thesauri
C & I stands for Classing and Indexing

We offer to send copies of the abstracts of the references cited to anybody interested.

Language abbreviations:

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

0 FORM DIVISIONS

01 Bibliographies

- 2-001 013.47
Gavrilina, N.V.; Lisenko, E.S., Shtal'man, M.I. (Comps.): Library-Bibliographical Classification in Soviet and abroad publishing: theoretical and practical questions. Bibliographical guide 1960-1985. Orig.ru. Moskva: Lenin Library 1990. 267p.
Bibliography of 1854 references concerning the LBC/BBK with annotations, in systematic arrangement with an author index for cyrillic and one for non-cyrillic written names.

02 Literature Reviews

- 2-002 0232
Hearn, S.S.: The year's work in subject analysis, 1989 (bibliographical essay). Orig.en. Libr.Resources & Techn.Serv. Vol 34, 1990. p.350-359
- 2-003 023
Hill, J.S.: Cataloging and classification. Orig.en. In: The ALA Yearbook of Library and Information Services. Vol 15. Chicago, IL: Amer.Lib. Assoc. 1990. p.88-9+

- 2-004 026.231
Rivier, A.: Construction des langages d'indexation. Aspects théoriques. (Construction of indexing languages. Theoretical aspects) Orig.fr. Documentaliste Vol 27, No 6, 1990. p.263-274 106 refs.
Survey covering some 40 years of development in the conception of classification systems, indexing languages and the influence of linguistic and mathematic theories on such systems.

- 2-005 026.3
Chaumier, J.; Dejean, M.: L'indexation documentaire. De l'analyse conceptuelle humaine à l'analyse automatique morphosyntaxique. (Documentary indexing. From human conceptual analysis to morphosyntactic automatic analysis) Orig. fr. Documentaliste Vol 27, No 6, 1990. p.275-279, 30 refs.
Presents the evolution of research conducted during the past 30 years in this field.

- 2-006 026.3
Gödert, W.: Klassifikatorische Inhaltserschließung: ein Übersichtsartikel als kommentierter Literaturbericht. (Classificatory content analysis: a review article in form of a commenting literature report) Orig.de. Mitt.blatt NRW, NF, Vol 40, No 2, 1990. p.95-114, 99 refs.

03 Dictionaries, Terminologies

- 2-007 036.387
Harvey, J.P.: A computer software glossary for libraries. Orig.en. In: Dhyan, P. (Ed.): Information Science and Libraries. New Delhi: Atlantic Publ. 1990. p.264-281

- 2-008 036.7
Yartseva, V.N. et al.: Linguistic encyclopedic dictionary. Orig.ru. Moskva: Sov. Entsiklopediya 1990. 685p. ISBN 5-85270-031-2
Contains in very narrow print of 3 columns longer articles on linguistic concepts in alphabetical order. The articles are signed by their authors. On p.627-683 a terminological index has been added (four columns arrangement).

- 2-009 036.715
Beardon, C. (Ed.): Artificial intelligence terminology. A reference guide. Orig.en. Chichester, GB: Horwood: New York, NY: Halsted Press 1989. 296p. refs.

- 2-010 038-82
Keitz, S.v.; Keitz, W.v.: Parat Dictionary of Library and Information Science. Bibliotheks und Informationswissenschaft, en-de, de-en. Weinheim-New York-Basel-Cambridge 1989. X, 414p. ISBN 3-527-28002-2
The dictionary contains all in all some 20,000 entries of American, British and German terms, starting with "abandon Call - erfolglose Anwahl" and ending with "Zykluszeit - cycle time". There are no definitions or explanations of contexts. The only additional information: indication of the gender concerning the German terms. The authors explain in their preface that due to problems encountered when translating scientific publications (in information science) and due to the lack of suitable scientific dictionaries they decided to compile the relevant terms and publish this dictionary.

- 2-011 038-824
Nogueira, C.C. (Ed.): Glossary of basic archival and library conservation terms. English with equivalents in Spanish, German, Italian, French and Russian. Orig. en, es, de, it, fr. ru. München: Saur 1988, 151p.

- 2-012 038-826
Francois, J.-Ch.: Glossaire en-fr. Terminologie des bases de données. Orig.fr. Terminol.et Transduct., No 3, 1990. p.199-218

- 2-013 038-83
Schneider, H.-J. (Ed.): Lexikon der Informatik und Datenverarbeitung, 3.Aufl. (Lexicon of informatics and data processing, 3rd ed.) Orig. de, en. München, DE: Oldenbourg 1991. XII, 989p. ISBN 3-486-21514-0
This 3rd essentially enlarged and updated edition contains altogether 8300 entries with definitions or descriptions of concepts to which 1070 synonyms, 4270 references and 3370 translations into English have been added. The short articles are signed and cross-referenced. A list of high-frequency words has been given beforehand. They are not given in italics in the definition texts as other referred-to terms. The list of authors now amounts to 198 contributors!

04 Classification Systems & Thesauri

041 General Classification Systems and Thesauri

- 2-014 041-de-21/4
Universitätsbibliothek Regensburg: Aufstellungssystematiken 19 Physik (U). 5.Aufl. (Shelving system for the field of physics, 5th ed.) Orig.de. Regensburg: Univ.bibliothek 1989. 142 p.

- 2-016 041-de-926
Universitätsbibliothek Regensburg: Aufstellungssystematiken 10 Slavistik (K). 3.Aufl. Shelving system for Slavistics, 3rd ed. Orig.de. Regensburg, DE: Universitätsbibliothek 1988. 707p.

- 2-017 041-de-97
Universitätsbibliothek Regensburg: Aufstellungssystematiken. 3.1 Philosophie (CA-CI). 4.Aufl. (Shelving system of the University Library of Regensburg. Section 3.1 Philosophy (CA-CI), 4th ed) Orig.de. Regensburg: Universitätsbibliothek 1989. 69p.

- 2-019 041-de-92
Lehmann, K.; Zentralinstitut für Bibliothekswesen: Klassifikation für Allgemeinbibliotheken. 1 Teil: Wissenschaftliche und Fachliteratur. Belletristik (KAB/E): Gliederung und Alphabet. Schlagwortregister. (Classification scheme for general libraries) Orig.de. Leipzig, DE: Bibliograph. Institut 1990. 320p.

- 2-020 041-de-924
Systematik d. Universitätsbibliothek Bielefeld. 15. Germanistik. (Classification Scheme of the University Library Bielefeld. Part 15. German Language and Literature) Orig. de. Bielefeld, DE: Universitätsbibliothek 1989. 227p.

- 2-020 041-de-924
Universitätsbibliothek Bielefeld: Systematik. 15. Germanistik. (Classification scheme for German Language and Literature) Orig.de. Bielefeld, DE: Universitätsbibliothek 1989. 227p.

- 2-021 041.6-99
Deutscher Verband Evangelischer Bibliothekare. Theologischer Ausschuss: Erweiterte Systematikgruppe "C" (Christlicher Glaube, Religionen, religiöse Weltanschauungen). (Enlarged Classification Group "C" - Christian faith, religions, religious aspects) Orig.de. Evang. Buchberater Vol 44, No 1, 1990. p.103

- 2-022 041.8
Zentralkatalog der Schleswig-holstein. Büchereisysteme: Schlagwortregister für die Sachgruppen BWL Betriebswirtschaftslehre, Bio Biologie, Erd Erd- und Völkerkunde, Gesch Geschichte, (etc bis Wi Wirtschaft). (Subject Heading List for the Subject Groups of Business, Biology, Geography, History, etc. (20 further headings following in alphabetical order of the German terms)) Orig.de. Flensburg and Rendsburg, DE: Büchereizentrale 1988. 256p.

- 2-023 041.8
Arbeitsgemeinschaft der Regionalbibliotheken; Arbeitsgruppe Regionalbibliographie: Schlagwortliste. (Subject Heading List as of Nov. 1988) Orig.de. Karlsruhe, DE: Badische Landesbibliothek 1989. 263p.

- 2-024 041.8
Maajärvi, R.; Kärki, E., Ojonen, S. (Comps.): Yleinen suomalainen asiasanasto. (The General Finnish Thesaurus. Preprint) Orig.fi. Helsinki, FI: Kirjastopalvelu 1988. 427p. ISBN 951-692-194-9
The thesaurus was composed in the years 1981-1988 by two full-time workers and several assisting people. It is now maintained by the Helsinki University Library. It encompasses altogether 10,880 descriptors and 1,934 cross-references. It consists of an alphabetic and a systematic section, the latter divided into 61 groups. The thesaurus was chosen to be the principal indexing device in the national library, the public

libraries and some of the research libraries of Finland. The present edition is a preprint. The official version is in print.

043 Dewey Decimal Classification

2-025 043.1-en
Intner, Sh.S.: (Book review of) Comaromi, J. et al: Dewey Decimal Classification. 20th ed. Albany, NY: Forest Press OCLC 1989. 4 vols. Libr.Resources & Techn.Serv. Vol 33, 1989. p.186-191

047 Library-Bibliographical Classification

2-026 047.1-ru-4
Library-Bibliographical Classification. Tables for Scientific Libraries. Vol.6: E Biological Sciences. In 2 vols. + Extensions and Corrections. Orig. ru. Moskva, SU: Lenin-Library 1988/1990. 346+415p.

048- Special Classification Systems and Thesauri

2-027 048-364/5
Die Literaturdatenbank STIMLINE für Steine und Erden, Industriemineralien. (The bibliographic database STIMLINE for stones and soils, industrial minerals) Orig.de. Hannover, DE: GEOFIZ 1990. 20p.
In the annex the Thesaurus STIMLINE (some 280 descriptors).

2-028 048-397
Goel, Y.: Proposal for classification of regional geography of Israel. Orig.en. Yad La-Kore Vol 24, No 3-4, 1990. p.46-49

2-029 048-53
La Classification Internationale des Maladies et les Classifications Sanitaires Connexes. (International Classification of Diseases and Health-Related Classification Systems) Orig. fr. Geneva, CH: World Health Organization 1990. 86p., Rapport trimestriel de Statistiques Sanitaires Mondiales, Vol.43, No.4

2-030 048-546
Gerlach, M.: Die Bibliothek in der Krankenpflegeschule. Ein Ordnungssystem nicht nur für die Bibliothek. Orig. de. Kirchweiler, DE: e.Gerlach 1989. 16p.

2-031 048-55
Zentralstelle für Psychologische Information u. Dokumentation: PSYNDEX Terms: Deskriptoren - Subjekt Terms zur Datenbank PSYNDEX. 2nd ed., updated. (Descriptors for the Psychological Database PSYNDEX) Orig. de. Trier: Universität 1989. XI,228p.

2-032 048-63
Picon, A., Sloan, G. (Eds.): PAIS Subject Headings. 2nd ed. Orig.en. New York, NY: Public Affairs Information Service 1990 XVIII,536p.
Review by P.F.Booth in the INDEXER, 17(1991)No.3, p.224-5

2-033 048-657
GAVEL, Société Conseil: Macrothesaurus pour le traitement de l'information relative au développement économique et social. (Macrothesaurus for Information on Economic and Social Development. 4th ed.) Orig.fr. Paris: OECD, ONU 1991. 371p., ISBN 92-64-23450-0

2-034 048-72
Breit, C. (Ed.): Betriebswirtschaftlicher Thesaurus. 3.erweiterte u. verbesserte Auflage. (Management thesaurus. 3rd enl. and rev.ed.) Orig.de. München-Unterföhring: GBI 1989. VI,227p.

2-035 048-91
Seaton, A. et al.: Chambers Thesaurus. Orig.en. Edinburgh, GB: Chambers 1990. 750p., ISBN 0-550-10567-0 (pbk)
Book review by J.A.Gordon in Indexer, 17(1991)No.3, p.225-6

2-036 048-918
MacLeod, I.: The Scots Thesaurus. Orig.en. Aberdeen, UK: Aberdeen Univ. Press 1990. XX,536p., ISBN 0-08-036582-5 (cased)
Book review by Ph.Bradley in the Indexer 17(1991)No.3, p.225

2-037 048-94
Petersen, T. (Dir.): Getty Art History Program: Art and Architecture Thesaurus. Oxford, U.K.: Oxford University Press 1990.

05 Periodicals and Serials

2-038 056.714
International Semiotic Spectrum. Orig.en. Imatra, Finland: International Semiotics Institute 1990, No.3, 4p. ISSN 0825-0456

2-039 056.77
Terminology Science and Research. Journal of the International Institute for Terminology Research - IITF. Orig.en. 1(1990) No 1-2, Wien, Austria: TermNet. International Network for Ter-

minology 1990. 93p. Editor in Chief: Jennifer Draskau. Editorial Board: Heribert Picht, Gerhard Budin, Helmut Felber, Christopher Laurén, Erhard Oeser, and A Min Tjoa. The first double issue in A5 size contains an editorial by J. Draskau and 9 articles mainly on problems of phraseology and C.Plunger gives a Synoptic analysis of the Workshop on Phraseology, LSP and Terminology, Nov.24 and 25, 1989, Vienna.

2-040 056.77.99
Scientific-Technical Terminology. Orig. ru. Moskva, SU: VNIKI 1990. 40p., ISSN 0131-5919
No. 90-1 reports on the formation of the Techn.Committee for Terminology Standardization - TC 2.1 "Terminology", and on new GOST Standards for technical terms and definitions, etc.

06 Conference Reports, Proceedings

See also 2-186, 2-540

2-041 06.87-09-29/2; 252
Diday, E.(Ed.): Data Analysis and Informatics. V. Proceedings of the 5th International Symposium on Data Analysis and Informatics, Versailles, France, Sept.29-Oct.2, 1987. Orig. en, fr. Amsterdam, NL: North-Holland 1988. XIII+514p.
Book review by A.Ferilgoj in J.Classif. 7(1990)p.153-158

2-042 06.88-11-18/19
Perreault, J.M.: (Book review of) Classification Theory in the Computer Age: Conversations Across the Disciplines. Proceedings From the Conference, Nov.18-19, 1988. Albany, NY 1989. 108p.
Orig.en. Int.Classif. Vol 18, No 1, 1991. p.47-52, 5 refs.

2-044 06.89-09-18/19; 761
Boulangier, J.-C.: La lexicographie de demain. (Fifth Annual Conference of the University of Waterloo Centre for the New Oxford English Dictionary: Dictionaries in the Electronic Age, St.Catherine's College, Oxford, England, 18-19 Sept.1989) Orig.fr. Terminol.& Traduct., No 3, 1990. p.257-265

2-045 06.89-10-5/6
Bies, W.: (Book review of) Stephan, W.(Comp.& Ed.): Die Schlagwortnormdatei. Entwicklungsstand und Nutzungsmöglichkeiten. Vorträge eines Kolloquiums...Berlin: Deutsches Bibliotheksinstitut 1990. 179p. Orig.de. Int.Classif. Vol 18, No 1, 1991. p.56-58, 6 refs.

2-046 06.89-10-20/22
Second Symposium on Transnationalizing Scientific and Technical Terminology and the Conference on the International Exchange of Scientific and Technical Neologisms, Warszawa, Oct. 20-22, 1989. Orig.en,fr. NEDTERM, No 13/16, 1991. p.9-164
The issue contains an Editorial and information on the organizers as well as the papers of the conference as follows:
2-047 Stoberski, Z.: International terminology brings nations closer together. - 2-048 Manczak, W.: Terminologie internationale et purisme linguistique. - 2-049 Prado,D.: Efforts de coordination d'activités terminologiques pour les langues latines. - 2-050 Tasiemski,M.: Internationalisms in mass media and everyday life, and computerized storage of general neologisms. - 2-051 Markelova, I.: English/Russian term correspondences. - 2-052 Achava-Amrung, P.: Terminology as an academic criterion. - 2-053 Petrova,T.: A view on the ontological nature of the term. - 2-054 Nelyubin, L.: On the organizational structure of an iconic type terminological dictionary. - 2-055 Semenov, A.: Multilingual dictionary as a means of solving communication problems. - 2-056 Minjar-Beloruicheva, A.: On the problem of selection of historical terms for a learners dictionary. - 2-057 Lurquin, G.: L'apprentissage de la néonymie savante. - 2-058 Skujina, V.: National contribution to the enrichment of international terminology on Latin and Greek components. - 2-059 Jurkowski, M.: General problems of internationalization of the astronautic terminology. - 2-060 Citkina, F.A.: International terms in statics and dynamics. - 2-061 Khairullin, V.: Term explicitness and translation. - 2-063 Kyiak, T.: The aspects of the internationalization of the Ukrainian terminology. - 2-064 Sonneveld, H.: On the conceptual system and information management. - 2-065 Grinyov, S.: Some problems in terminology internationalization. - 2-066 Muravov, I.V.: Terminology of physical culture as an instrument of realization and health-improvement behaviour of man. - 2-067 Sekirin, P.: The development of international sport terminology in Russian, English, German, and French - a contemporary view. - 2-068 Kovalishina, L.N.: Computer-assisted terminological help in translating. - 2-069 Akulenko, V.: A typology of terms and possibilities of their international standardization. - 2-070 Fathykova, L.: A functional approach to the study of terms. - 2-071 Kuskov, M.: Measuring interlinguistic associations. - 2-072 Durrani, A.: Internationalization of terms in Urdu and the role of the World Bank of International Terms. - 2-073 Rogozhnikova, T.: Special purpose associative dictionary. - 2-074 Peshkova, N.: The use of a denotation graph in the teaching process as a means of knowledge acquisition and terminology presentation. - 2-075 Sirayeva, S.V.: On structural semantic analysis of derivative terminology in German. - 2-076 Ponomarenko, L.A.: Terms

including names of scientists draw the people nearer. - 2-077 Tkacheva, L.B.: Some tendencies in the development of terminology on the international level. - 2-078 Treskova, S.I.: International terminology and mass media: a case study. - 2-079 Walczak, B.: La terminologie dans les dictionnaires généraux (en s'appuyant sur l'exemple du Dictionnaire de la Langue Polonaise sous la red. de Mieczyslaw Szymczak). - 2-080 Huq, M. D.: Use of technical terminologies: The case of Bangladesh. - 2-081 Antia, B.: An areal approach to terminological neologisms in Nigerian languages. - 2-082 Pienkos, J.: La traduction scientifique et technique - un défi lancé au XXIème siècle. -

2-083 06.89-10; 646
Toward more consistent access to agricultural information. Meeting on agricultural thesauri at the World Bank, Washington DC, Oct.1989. Orig.en. Quart.Bull.Int.Assoc.Agricultural Libr. & Doc. Vol 35, No 1, 1990. p.37-9

2-085 06.89.12; 761
Lejchik, V.M.; Koroleva, E.V.: Symposium on scientific and technical lexicography. Orig.ru. Nauchn.-tekhn.inform., Ser.2, No 5, 1990. p.37-39
The symposium was devoted to the composition and boundaries of terminological systems as subjects of research and their coverage in various lexicographic publications, terminological dictionaries above all.

2-086 06.89; 88-6
Vilenskaya, S.K.: Interlibrary Workshop on Subject Indexing in the Social Sciences: 25 Years of the INION Workshop. Orig. ru. Predmet.póisk v tradits. i netrãdits.IPC (Leningrad), No 9, 1989. p.165-178, 27 refs.

2-087 06.90-02-26/1
Schipper, W.: Through the NFAIS Looking Glass, the Year 2000. Orig.en. Int.Forum Inform.& Doc. Vol 15, No 3, 1990. p.29-31
Report on the 32nd Annual NFAIS (Natl.Federation of Abstracting and Indexing Services) Conference in Philadelphia, Pa, Febr.26-March 1, 1990.

2-088 06.90-03-12/14
Bock, H.H.; Ihm, P.(Eds.): Classification, Data Analysis, and Knowledge Organization. Models and Methods with Applications. Proceedings of the 14th Annual Conference of the Gesellschaft für Klassifikation e.V., University of Marburg, March 12-14, 1990. Orig.en. Berlin-Heidelberg, etc.: Springer Verlag 1991. XII,393p.

The proceedings contain 50 papers arranged in 3 parts and altogether 10 subparts. Pt.1: Mathematical and Statistical Methods for Classification and Data Analysis. 2-089 Eckes, Th.; Orlik, P.: An agglomerative methods for two-mode hierarchical clustering. - 2-090 Gebhardt, F.: Selection from overlapping classifications. - 2-091 Herden, G.: On cluster methods for qualitative data II. - 2-092 Krolak-Schwerdt, S.; Orlik, P., Kohler, A.: A regression analytic modification of Ward's method: A contribution to the relation between cluster analysis and factor analysis. - 2-093 Mirkin, B.G.: The "partition with a structure" concept in biological data analysis. - 2-094 Müller, A.; Neumann, J.: Classification with neural networks. 2-095 Godehardt, E.: Multigraphs for the uncovering and testing of structures. - 2-096 Kamps, U.: Estimators and relative efficiencies in models of overlapping samples. - 2-097 Krauth, J.: Lower bounds for the tail probabilities of the scan statistic. 2-098 Pfeifer, D.: Poisson approximation of image processes in computer tomography. - 2-099 Arminger, G.: Some recent developments in linear models: A short survey. - 2-100 Benz, J.: Causal analysis in marketing research with LISREL or a combination of traditional multivariate methods? - 2-101 Halekoh, U.; Degens, P.O.: Analysis of data measured on a lattice. - 2-102 Mathar, R.: Dual algorithms in multidimensional scaling. 2-103 Spangenberg, N.; Wolff, K.E.: Comparison of biplot analysis and formal concept analysis in the case of a repertory grid. 2-104 Strahinger, S.; Wille, R.: Convexity in ordinal data. - 2-105 Streng, R.: Classification and seriation by iterative reordering of a data matrix. - 2-106 Vogt, F.; Wächter, C.; Wille, R.: Data analysis based on a conceptual file. Pt.2: Knowledge Organization, Databases, and Information Retrieval. 2-107 Czap, H.: Decentralized modelling of data and relationships in enterprises. - 2-108 Hammerl, R.: A contribution to the examination of semantic relations between lexemes. - 2-109 Luksch, P.; Wille, R.: A mathematical model for conceptual knowledge systems. - 2-110 Rahmstorf, G.: Compositional semantics and concept representation. - 2-111 Gradmann, S.: Small and beautiful? Some remarks on evaluating microcomputer based library systems. 2-112 Kiel, R.; Schader, M.: A tool for validating PROLOG programs. - 2-113 Marx, S.; Schader, M.: On the database component in the knowledge-based systems WINDAS. - 2-114 Panyr, J.: Information retrieval techniques in rule-based expert systems. 2-115 Wolters, C.: Object databases and thesauri for small museums. - 2-116 Budin, G.: The structure and role of specialized information in scientific and technical terminologies. - 2-117 Hvalkof, S.: Terminology work in the World Health Organization: EUROTERM abbreviations. - 2-118 Mayer, R.: Hyperterm - A proposal for a user-friendly termbank. - 2-119 Nedobity, W.: The

role of classification in terminology documentation. - Pt.3: Applications and Methods for Special Subject Fields. 2-120 Kraus, O.: The hierarchy of organisms: Systematics and classification in biology. - 2-121 Day, W.H.E.: Estimating phylogenies with invariant functions of data. - 2-122 Lausen, B.: Statistical analysis of genetic distance data. - 2-123 Wolf, K.; Degens, P.O.: Variance estimation in the additive tree model. 2-124 Fischer, R.-J.: Semi-automated classification of medical phrases using a personal computer. - 2-125 Mulisch, E.: Structure of informations on medical trials. - 2-126 Klar, R.: Recent problems and longterm activities in the classification of medical concepts. - 2-127 Kurz, H.; Leder, O.: Exploring three-dimensional image data with classification methods. - 2-128 Alt, K.W.; Vach, W.: The reconstruction of "genetic kinship" in prehistoric burial complexes - Problems and statistics. 2-129 Elkar, R.S.; Huthsteiner, R., Ostermann, R.: An approach to a formal statistical analysis of historical data based on the town of Bamberg. - 2-130 Hintze, F.: Automatic syntax analysis of meroitic funeral inscriptions. - 2-131 Kopp, M.; Strauch, D. Wacker, C.: Application of computers in historical-topographical research. A database for travel reports on Greece (18th and 19th century). - 2-132 Madsen, T.: The use of multivariate statistics in Scandinavian archeology. 2-133 Theune-Vogt, C.: An analysis of beads found in the Merovingian cemetery of Weingarten. - 2-134 Friedrich, H.-J.; Rieck, J.: Bank code numbers as defining arguments and controlling tools in automated payments. - 2-135 Hölzl, J.: From commodity description to expert systems. - 2-136 Meinel, F.: Tabular layouts of article characteristics and formal concept analysis (in German). 2-137 Oppermann, H.: The postcode, a local and routing code for the transport of mail items.

2-138 06.90-12-3/4
Negrini, G.; Farnesi, T.(Ed.): Linguaggi documentari e basi dati. Atti del convegno Roma 3-4 dicembre 1990. (Documentary Languages and Databases. Proceedings of the Conference in Rome, 3-4 Dec.1990) Orig.it. Roma: Consiglio Nazionale delle Ricerche. Istituto di studi sulla ricerca e documentazione scientifica 1991. 536p., Note die Studio sulla Ricerca 24
Contains the 20 papers and 18 communications of the conference with an introduction by G.Negrini and a Foreword by P.Bisogno. All papers, except for 3 are in Italian. The titles of the papers (translated into English) have been listed already in Int.Classif.90-3/4, p.165. A translation of the full papers will be published in Advances in Knowledge Organization, Vol.3 (forthcoming).

2-139 06.90-12-3/4
Documentary Languages and Databases, Rome 3-4 Dec. 1990. Orig.en. Int.Classif. Vol 18, No 1, 1991. p.43

2-140 06.91-05-13/16
NISKÓ'91. International Conference on Knowledge Organization, Terminology, and Information Access Management. Proceedings of the First NISKÓ Conference, Bratislava, 13-16 May 1991. Orig.en. Bratislava, CSFR: NISKÓ, Scientific Technical Society. (available through INDEKS Verlag, Frankfurt) 1991. 192p.
The conference had been organized by the Czechoslovak Chapter of ISKO and the Micro CDS/ISIS Club of Bratislava with the assistance of Infotern and ISKO. It was chaired by P.Stancikova. The proceedings contain the papers presented except for two, which are appearing at present in Int.Classif. and AKO-3. The papers presented: 2-141 Dahlberg, I.: Knowledge organization in the Nineties: Bases, problems, goals. 2-142 Galinski, C.: Terminology and documentation, text management and the universal availability of information and knowledge. - 2-143 Ritzler, C.: Comparative study of PC-supported thesaurus software. - 2-144 Del Bigio, G.: The CDS/ISIS Software, recent developments and results. - 2-145 Pempleton, P.N.: Knowledge organization and knowledge retrieval as key elements of knowledge management. - 2-146 Sechser, O.: Repackaging data in database publishing. - 2-147 Sakov, A.: Classification systems and problems of their automatic updating in knowledge bases. - 2-148 Weihs, E.: Environmental thesauri construction; categories and function in Bavarian Land Information Systems. - 2-149 Riesthuis, G.J.: The Universal Decimal Classification as a CDS/ISIS Database. - 2-150 Prohorov, V.: Information retrieval languages as a source for development of knowledge bases. - 2-151 Ciampi, C.; Fall, J.: THES-MAKER II applied to a Polish version of BID-Thesaurus. - 2-152 Rybinski, H.; Muraszkiwicz, M.; Scherthaner, M.: A flexible multilingual thesaurus. 2-153 Wright, S.E.: The MicroMATER Tagset: Proposed data categories for the exchange of terminological data between terminological database systems. - 2-154 Appelova, A.: Terminology and thesaurus - knowledge in texts. - 2-155 Steinerova, J.: Cognitive structures in information systems. - 2-156 Volkova, I.: Terminology, classification and knowledge bases.

2-157 06.90-05-17/18
Knowledge Representation, Thesauri, and Classification. Orig.en. Int.Classif. Vol 18, No 1, 1991. p.43
Report on two workshops held in Bonn (May 1990) and in Garzau near Berlin (Nov.1990) chaired by B.Endres-Niggemeyer and organized by M.Herfurth, IZ Sozialwissenschaften Bonn. It is intended to publish the papers in a special volume.

2-158 06.90-08-14/18
Barthel, J.: (Book review of) Fugmann, R. (Ed.): Tools for Knowledge Organization and the Human Interface: Proceedings of the First International ISKO Conference. 2 vols. Frankfurt: INDEKS Verlag 1990/91. Inform. Management Report, June 1991. p.21

2-159 06.90-10-2/4
Second International Congress on Terminology and Knowledge Engineering - Applications, Trier, 2-4 Oct. 1990. Orig. en. Int. Classif. Vol 18, No 1, 1991. p.35-36
Report on the conference followed by a report on the workshops Oct.1, 1990. (Reprint from Infoterm Newsletter 58).

2-160 06.90-11-1/2
Workshop Intelligente Schnittstellen zu Informationssystemen, Darmstadt, 1-2 Nov. 1990. (Workshop on Intelligent Interfaces of Information Systems) Int. Classif. Vol 18, No 1, 1991. p.36

2-161 06.90-11-27/30
1st European Conference on Hypertext, ECHT'90, Versailles, 27-30 Nov. 1990. Orig. en. Int. Classif. Vol 18, No 1, 1991. p.36

2-162 06.90; 925
U.K.: CRG 278 and 279. Orig. en. Int. Classif. Vol 18, No 1, 1991. p.45-46
Report on two meetings of the British Classification Research Group on Oct.26 and Dec.13, 1990.

2-163 06.91-02-21/23
Meeting on Data and Concepts, Darmstadt, Febr.21-23, 1991. Int. Classif. 18(1991)No.1, p.37

2-164 06.91-02-25/27
15. Jahrestagung der Gesellschaft für Klassifikation. (15th Annual Conference of the German Society for Classification) Orig. en. Int. Classif. Vol 18, No 1, 1991. p.37

08 Other Monographs

2-165 08.33
Wellisch, H.H.: Indexing from A to Z. Orig. en. Bronx, NY: H.W. Wilson Co. 1991. XXVI, 461p., ISBN 0-8242-0807-2
All aspects of indexing, including back-of-the-book indexing and indexing of periodicals and nonprint materials, are covered in alphabetical order, altogether 96 articles, starting with "Abbreviations" and ending with "Zen and the art of indexing". Bibliography, p.411-421, and elaborate subject index, p.423-461.

09 Standards, Guidelines

See also 2-683

2-166 09.229
NTV IZWTI 31-83. Inhalt und Darstellung der Lexik von Informationsrecherchesprachen und terminologischen Angaben im Nachweis für den Austausch auf Magnetband (FOLIA). (Contents and representation of the lexicon of information retrieval languages and terminological reference data for magnetic tape exchange (FOLIA) Orig. de. Berlin: Zentralinst.f.Inform.u.Dok. 1989. 10 p., Normativ-technische Vorschrift d.IZWTI.

2-167 09.23a
NTV IZETI 9-89. Regeln für die Erarbeitung einsprachiger Informationsrecherchesauren. (Rules for the elaboration of monolingual thesauri) Orig. de. Berlin: Zentralinst.f.Inform.u. Dok. 1989. 7 p., Normativ-techn.Vorschrift d.IZWTI

2-168 09.23b
Guidelines for the construction and development of monolingual thesauri, pt.1. Orig. es. Rev. esp. doc. cient Vol 12, No 4, 1989. p.463-483

2-169 09.3
GOST 7.59-90. Indexing of documents. General requirements for classifying and subject indexing. Orig. ru. Moskva, SU: Publishing House of Standards 1990. 11p., Syst. of Standards on Inform., Librarianship and Publishing

2-170 09.76B-826
Robinson, G.: Presentation and selection policy in a British standard glossary: Revising BS 5408 (Glossary of Documentation Terms). Terminol. & Traduct., No 1, 1990. p.75-80, 9 refs.

1 THEORETICAL FOUNDATIONS

11 Order and Classification

2-171 118-2/4
Manchur, E.A. et al.: Natural science: system structure and dynamics. Orig. ru. Moskva, SU: Nauka 1990. 305p.
This collection of 22 "Methodological Essays" is a result of

the work of colleagues in the philosophical institutes of the Academy of Sciences of the USSR and of Bulgaria.

2-172 119
Gillman, P.C.: Classified information. Orig. en. L'Applications Vol 4, No 2, 1990. p.7-9
Introductory text into the significance and possibilities of classification.

2-173 119
Kendall, W.R.; Scott, C.R.: Protecting and classifying an important productive asset: information!. Orig. en. Information Age Vol 12, No 4, 1990. p.195-198
Changes in managerial thinking is called for with regard to the increasingly important role of information.

12 Conceptology in Classification

See also 2-163

2-174 121
Smirnov, V.A. (Ed.); AN SSSR. Inst. Filol.: Syntactic and semantic study of nonextensional logics. Orig. ru. Moskva, SU: Nauka 1989. 309p.

2-175 121
Kozachkov, L.S.: Applied logic of informatics. Orig. ru. Kiev: Nauk. dumka 1990. 253p., 122 refs.

2-176 121
Schreiber, F.A.: A breviary of time concepts for information systems. Orig. ru. Riv. inform. 20(1990)No 1, p.59-68, 24 refs.

2-177 122
Polyakov, I.V. (Ed.); AN SSSR, SO Inst. ist. filol. i filol.: Conceptualisation and meaning: Collected works. Orig. ru. Novosibirsk, SU: Nauka 1990. 238p.
The following 2 contributions are included in this volume:
2-178 Bessonov, A.V.: Frege's conceptualization of the logico-semantic theory. - 2-179 Razumovskij, O.S.: The logic of conceptualization and theorization in the context of theory development.

2-180 122; 313
Cheti, A.: Le categorie nell'indicizzazione. (Indexing categories) Orig. it. Biblioteche Oggi 8(1990)No 1, p.29-49, 34 refs.

2-181 123; 225
Swart, J.C.: Conceptual analysis for indexing and retrieval of information: a facet analytical approach. Orig. en. South African J. of Libr. & Inform. Sci. 58(1990)No 2, p.167-173, 21 refs.

124 Knowledge Representation

See also 2-548, 2-578, 2-629

2-182 124
Kandrishina, E.Yu.; Litvinstseva, L.V., Pospelov, D.A.: Representation of time and space knowledge in intelligent systems. Orig. ru. Moskva, SU: Nauka 1989. 328p.

2-183 124
Mantz, R.; Scheer, M., Hellwig, V., Raja, A.: Knowledge Engineering (Teil 1). Wissensrepräsentation; Einführung. (Knowledge representation. Introduction) Orig. de. St. Augustin, DE: Ges. f. Mathematik u. Datenverarbeitung (GMD) 1990. 61p., Arbeitspapiere der GMD 436.

2-184 124
Patel-Schneider, P.F.: Practical, object-based knowledge representation for knowledge-based systems. Orig. en. Inform. Syst Vol 15, No 1, 1990. p.9-19, 29 refs.

2-185 124
Wilbert, R.: Assoziative Begriffsrepräsentation in Neuronalen Netzen. Zur Problematik eines assoziativen Zugriffs in Information Retrieval Systemen. (Associative representation of concepts in neural networks. The problem of an associative access to information retrieval systems) Orig. de. Nachr. Dok. Vol 42, No 3, 1991. p.205-211, 23 refs.

2-186 124.06
Knowledge representation methods and tools: Proceedings of a seminar. Orig. ru. Leningrad, SU: Leningr. dom nauch.-tekhn. prop., O-vo "Znanie" RSFSR (Ed. I.B. Aref'ev) 1990. 64p.

2-187 124
Luca, C.; Theseider, D.D., Torasso, P.: A theory of diagnoses for incomplete causal models. Orig. en. In: IJCAI-89: Proc. 11th Int. Joint Conf. Artif. Intell., Detroit, Mich., Aug. 20-25, 1989. Vol. 2. San Mateo, CA 1989. p.1311-1317, 27 refs.
Particular attention is given to incomplete knowledge representation. Various forms of incompleteness are analyzed, and nonmonotonic reasoning to draw and confirm conclusions from incomplete knowledge is presented.

2-188 1248-254
Gasteiger, J.; Marsili, M., Hutchings, M.G. et al.: Models for the representation of knowledge about chemical reactions. Orig.en. J.Chem.Inform.Comput.Sci. Vol 30, No 4, 1990. p.467-476, 20 refs.

13 Mathematics in Classification

See also 2-621

2-189 131
Ounaev, V.V.: A mathematical model of classification. Orig.ru. Nauch.-tekhn.inform., Ser.2, 1990 No.3, p.22-27, 9 refs.; English transl.: Automatic Document. & Mathematical Linguistics 24(1990)No.2, p.28-35, 9 refs.

2-190 131
Romanov, A. A.; Shemakin, Yu.I.: Information retrieval with incomplete data. Orig.ru. Nauch.-tekhn.inform., Ser.2, No 12, 1989. p.9-16, 4 refs.

2-191 138-519
Kollewe, W.: Data representation by nested line diagrams illustrated by a survey of pensioners. Orig.en. Int.Classif. Vol 18 No 1, 1991. p.26-34, 12 refs.
Application of formal concept analysis to cases which describe concept lattices with many hundred or thousand concepts, utilizing for their visualization 'Nested Line Diagrams'.

15 Psychology and Classification

See also 2-544, 2-547

2-192 151
Rastier, F.: Principes et paradigmes de la recherche cognitive. (Principles and paradigms of cognitive studies) Orig. fr. Semiotica Vol 77, No 1-3, 1989. p.27-42, 33 refs.

2-193 153
Nishanov, V. (Ed.): The cognitive aspects of scientific rationality: Collected works. Orig.ru. Frunze, SU: Kirg.gos.universitet 1989. 106p.

2-194 153; 164
Afanas'ev, A.I.; Tsofnas, A.Yu.: Gnosiological basis of the unity of the explanatory and understanding functions of scientific theory. Orig.ru. Probl.filos.(Kiev) 83. p.23-30, 13 refs.

2-195 153
Budko, V.V.: The adequacy of scientific knowledge. Orig. ru. Khar'kov, SU: Izd.-vo Osnova pri Gos. Universitate 1990. 183p.

156 Knowledge acquisition

2-196 156
Chechnev, B.A.: Information and knowledge: towards the problem formulation. Orig.ru. Naukoved.i informat. (Kiev), No 32, 1989 p.50-57, 12 refs.

2-197 156
Gomez, F.; Segami, C.: Knowledge acquisition from natural language for expert systems based on classification problem-solving methods. Orig.en. Knowledge Acquisition Vol 2, No 2, 1990. p.107-128, 17 refs.

2-198 156; 757
Patel, Jitu: On the road to automatic knowledge engineering. Orig.en. In: IJCAI-89; Proc.11th Int.Joint Conf.Artif.Intell., Detroit, MI, Aug.20-25, 1989. Vol.1. San Mateo, CA 1989. p.628-632, 8 refs.

157 Computerization of Thought Processes

2-199 157
Karbach, W.: Entwurfsmethodiken für wissensbasierte Systeme. Ein Überblick. (Methods of design for knowledge based systems. An overview) Orig.de. In: Christaller, T.; Ges.f.Math.u.Datenverarb.; Koordiniertes System von Werkzeugen für die Konstruktion und den Betrieb von Expertensystemen. Abschlußbericht des Verbundvorhabens WEREX. St.Augustin, DE: GMD 1989. p.241-84.

2-200 157; 351; 356
Válas, G.: Knowledge transfer in place of information transfer: Non-sequential communication. Orig.hu. Tud.és műsz.űz.évk. OMIKK Vol 36, No 10, 1989. p.419-427, 463, 464, 15 refs.

2-201 157; 751
Vickery, B.; Vickery, A.: Intelligence and information systems. Orig.en. J.Inform.Sci. Vol 16, No 1, 1990. p.65-70, 1 ref.
A conventional program consists of data + algorithms; an 'intelligent' program, however, is currently described as knowledge + inferences. The kinds of information skill for intelligent information software are discussed.

16 Development of Science and Classification

See also 2-194

2-202 164
Burkin, Yu.V.: Knowledge imaging: Methodology and applications. Orig.ru. Moskva, SU: Institut Nefti i Gaza 1989. 47p., 11 refs.

2-203 164
Kondrat'ev, I.M.: Socio-cultural and value factors in the evolution of scientific knowledge. Orig.ru. Probl.filos.(Kiev), No 83, 1990. p.17-23, 6 refs.

2-204 165; 187
Veltman, K.: Computers and a new philosophy of knowledge. Orig.en. Int.Classif. Vol 18, No 1, 1991. p.2-12, 2 refs.

17 Problems in Classification

See also 2-213, 2-231

2-205 173
Tabuchi, Toshiaki: Computer retrieval and indexing. Orig. ja. Bull.Japan Spec.Lib. Assoc.(Semmon Toshokan), No 125, 1989. p.39-44, 3 refs.
Stresses that computer retrieval needs not only a developed computer system but also a developed data base with accurate classification and indexing by information specialists.

2-206 177
Brunnstein, K.: Zur Klassifikation von Computer-Viren. Der "Computer-Virus-Katalog". (Classification of computer viruses. The "computer virus catalog") Orig.de. In: Paul, M.(Ed.); Ges.f.Informatik; Computergestützter Arbeitsplatz, Proc. München, 18-20 Oct.1989. Bonn, OE: Ges.f.Informatik 1989. p.498-509

18 Classification Research

See also 2-204

2-207 18.924
Maniez, J.: A decade of research in classification. Orig.en. Int.Classif.Vol 18, No 2, 1991. p.73-77, 8 refs.
Description of E.de Grolier's seven reports for the FID/CA Committee on 'General theory of classification', 1953-1960 as a contribution to his 80th birthday, June 25, 1991.

19 History of Classification

2-208 191
Innocenti, P.: Notes concerning the history of classification. Orig.it. L'Indicizzazione Vol 4, No 1, 1989. p.47-63

2-209 194
Dewey, M.: Decimal Classification beginnings. Orig. en. Libr.J. Vol 115, No 11, 1990. p.87-90
Reprint of an article originally published in Library Journal, 15 Febr.1920.

2-210 197
Gurevich, K.: Russian-Soviet history in library classifications. Cataloging & Classif.Quart. 12(1990)No 1, p.63-85, 28 refs.

2 STRUCTURE AND CONSTRUCTION OF CS & T

21 General questions of CS & T

See also 2-150, 2-152, 2-154, 2-388

2-211 211
Dobrokhotova, I.Yu.: Main trends in thesaurus theory. Orig.ru. In: Proektir.intellekt.sistem/ekspert.sistemy i sistemy. Moskva: Mosk.inst.Elektron.Mashinostr. 1990. p.88-116, 95 refs.

2-212 211
Frappalo, C.: Synonym files and thesauri: they are not synonymous. Orig.en. Text Management J. Vol 1, No 1, 1990. p.21-23

2-213 211.179
Kralova, A.: Comments on the development of retrieval languages. Orig.cs. Ctenar Vol 41, No 6, 1989. p.182-185; p.230-232

2-214 217
Chatterjee, A.: Thesaurus: an aid to information retrieval. Orig.en. In: Dhyani, P. (Ed.); Information science and libraries. New Delhi: Atlantic Publ. 1990. p.43-65, 14 refs.

2-215 217
Schmitz-Esser, W.: Thesauri facing new challenges. Orig. en. Int.Classif. Vol 17, No 3/4, 1990. p.129-132

2-216 218
Kwasnik, B.H.: Thesauri as knowledge bases for information retrieval. Orig.en. In: Information in the Year 2000: From Research to Applications. ASIS'90: Proc.53rd ASIS Ann.Meeting, Toronto, Ont., Nov.4-8, 1990. Learned Inform.,Inc.: Medford, NJ 1990. p.346

2-217 218
Soper, M.E.(Ed.): The librarian's thesaurus: A concise guide to library and information terms. Orig.en. Chicago, IL: ALA Publ. Serv. 1990. 224p.

22 Elements of CS & T

See also 2-160, 2-521

2-218 222
Vasil'eva, E.A.: Some aspects of organisation of subject complexes. Orig.ru. Sb.nauch.tr./Leningr.Gos.Inst.Kul'tury, No 125 1988. p.115-126, 12 refs.

2-219 224
Sapelkin, V.S.: The hierarchic structure of a subject authority shell. Orig.ru. Nauch.-tekhn.inform.,Ser.2, No 4, 1990. p.21-3

225 Facet, Faceted Classification

See also 2-464, 2-491

2-220 225; 281
Selivanova, Yu.G.: Facet-block thesauri and indexing languages compatibility: some experience in solving the language compatibility problem at the Research Department, N.K.Krupskaya Institute of Culture, Leningrad. Orig.ru. Sb.nauch.tr./Leningr. Gos.Inst.Kul'tury, No 128, 1989. p.121-127

2-221 226
Banks, J.; Higerson, S.: Conceptual and mechanical aspects of subject headings: a brochure. Orig.en. Show-Me Libr. Vol 41, 1990. p.25-29

2-222 226; 814
Sadowska, J.: Methodology of subject heading formation in Polish universal libraries. Orig.pl. Prz.bibl. Vol 57, No 3, 1989. p.241-250

2-223 226
Wang, Zhengxing: Inapplicability of the facet formula to the building of subject entries in indexing. Orig. ch. Qingbao kexue (Inform.Sci.) Vol 9, No 1, 1988. p.55-60

2-224 226.293
Ruchinskaya, E.M.: Experiences in comparing subject headings for optimization purposes. Orig.ru. Nauch.-tekhn.bibl.SSSR, No 4, 1990. p.3-10

2-225 227; 733
Ruge, G.; Schwarz, C.: Term associations and computational linguistics. Orig.en. Int.Classif. 18(1991)No 1, p.19-25, 20 refs.

2-226 227
Wen, Wu: Word coordination and concept coordination. Orig.ch. Qingbao kexue (Inform.Sci.) Vol 9, No 2, 1988. p.50, 63-70

2-227 227; 812
Fischer, Franz: Elemente des Schlagwortkatalogs in der Methode Eppelsheimer. (Elements of the subject catalogue according to the Eppelsheimer methodology (Reprint)) Orig. de. Mitt.bl.d.AKTHB, No 37, 1990. p.79-97 (Reprint from Schlagwortgebung und Schlagwortkatalog. Vorträge d.Fortbildungsveranstaltung, Köln 1977. Köln 1978. p.141-177)

2-228 227
Stebner, G.: Die Methode "Eppelsheimer", dargestellt am Beispiel des Saarbrücker Sachkatalogs. (The Eppelsheimer methodology, exemplified by the Saarbrücken subject catalogue) Orig. de. Mitt.bl.d.AKTHB, No 37, 1990. p.61-77

23 Construction of CS & T

See also 2-004, 2-167, 2-168, 2-488, 2-497, 2-498, 2-515, 2-533, 2-534

2-229 231
Soloveva, 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, 35 refs.

2-230 231
Zenovich, S.V.: The verification of comprehensiveness and direct algorithms for estimating the possibility of a classification structure presented in tabular form. Orig. ru. Nauch.-tekhn.inform.,Ser.2, No 12, 1989. p.19-20, 2 refs.

2-231 231.179
Bermejo, C.A.; Rubio, A.V.; Rojo, A.S.: Development of standardized documentary languages in Spanish: an evaluation. I.Theoretical and practical application of controlled languages. Orig. es. Rev.Espan.de Doc.Cient. 12(1989)No 2, p.154-159, 8 refs.

2-232 233
Neelameghan, A.: Concept categorization and knowledge organization in specialized databases: A case study. Orig.en. Int.Classif. Vol 18, No 2, 1991. p.92-97, 6 refs.

2-233 236
Bates, M.J.: Design for a subject search interface and online thesaurus for a very large records management database. In: Information in the Year 2000: from Research to Cooperation. Proc.53rd ASIS Ann.Meeting, Toronto, Ont., Nov.4-8, 1990. Medford, NJ: Learned Information, Inc. 1989. p.20-28

237 Computer-supported Construction of CS & T

See also 2-441, 2-525

2-234 237
Serrano, E.L.; Nerpell, A.de I.; Bracero, A.V.: Automatic construction of thesauri. Orig. es. Rev.Espan.de Doc.Cient. Vol 12, No 2, 1989. p.129-140, 9 refs.

2-235 237
Crouch, C.J.: An approach to the automatic construction of global thesauri. Orig.en. Inform.Process.& Management Vol 26, No 5, 1990. p.629-640, 46 refs.

2-236 237
Fugmann, R.: An interactive classaurus on the PC. Orig.en. Int.Classif. Vol 17, No 3/4, 1990. p.133-137, 6 refs.

2-237 239
Damerau, F.J.: Evaluating computer-generated domain-oriented vocabularies. Orig.en. Inform.Process.& Management Vol 26, No 6, 1990. p.791-801, 18 refs.

24 Relationships

See also 2-322, 2-323, 2-324, 2-595, 2-629

2-238 242
Sarre, F.; Felsner, G.; Guentzer, U.; Jüttner, G.: Die Thesaurus-Relationen des lernfähigen Information Retrieval Systems IEGEN. (Thesaurus relations in the knowledge-based information retrieval system IEGEN) Orig.de. In: Endres-Niggemeyer, B. et al.(Ed.); Ges.f.Linguist.Datenverarb.; Interaktion u.Kommunikation mit dem Computer. Proc.Jahrestagung, Ulm, 8.-10.März 1989. Berlin: Springer 1990. p.164-175, 14 refs.

2-239 243
Bonzi, S.: Syntactic patterns in scientific sublanguages. A study of four disciplines. Orig.en. J.Amer.Soc.Inform.Sci. Vol 41, No 2, 1990. p.121-131, 14 refs.

2-240 244
Sacharnyj, L.V.: The associative structures in natural and information retrieval language (with the example of subject headings language). Orig.pl. Zagadnienia Inform.Naukowe] Vol 54, No 1, 1989. p.75-100, 12 refs.

2-241 246; 753
Robertson, S.E.: On term selection for query expansion. Orig. en. J.Doc. Vol 46, No 4, 1990. p.359-364, 5 refs.

247 Relational Data Files

See also 2-308

2-242 247; 254
Ceri, S.; Pernici, B.; Wiederhold, G.: Optimization problems and solution methods in the design of data distribution. Orig. en. Inform.Syst. Vol 14, No 3, 1989. p.261-271, 30 refs.

2-243 247
Colby, L.S.: A recursive algebra for nested relations. Orig.en. Inform.Syst. Vol 15, No 5, 1990. p.567-582, 26 refs.

2-244 247
Üzsu, M.T.; Meehan, D.J.: Finding heuristics for processing selection queries in relational database systems. Orig.en. Inform.Syst. Vol 15, No 3, 1990. p.359-373, 18 refs.

2-245 247
Rothermel, K.: An effective representation of complex clauses in a relational database. Orig.en. Inform.Syst. Vol 15, No 4, 1990. p.463-477, 20 refs.

2-246 247
Sudha, R.; Curran, St.M.: An automated tool for relational database design. Inform.Syst. 14(1989)No 3, p.247-259, 31 refs. The tool described is SYNTHESIZER (written in Turbo Pascal).

25 Numerical Taxonomy

See also 2-041, 2-088-137, 2-164, 2-308

- 2-247 251
Hong,Zi-Quan; Yang,Jing-Yu: Optimal discriminant plane for a small number of samples and design method of classifier on the plane. Pattern Recognition 24(1991)No 4, p.317-324, 14 refs.
- 2-248 251
Krzanowski,W.J.: Between-group analysis with heterogeneous covariance matrices: The common principal component model. Orig.en. J.Classif. Vol 7, 1990. p.81-98, 29 refs.
- 2-249 251
Mandel, I.D.: Cluster Analysis. Orig.ru. Moskva, SU: Finansy and Statistika Publishers 1988. 176p.
- 2-250 251
Myles,J.P.; Hand,D.J.: The multi-class metric problem in nearest neighbour discrimination rules. Orig. en. Pattern Recognition Vol 23, No 11, 1990. p.1291-1297, 6 refs.
- 2-251 252
Bartholomew, D.J.: Latent variable models and factor analysis. Orig.en. London, GB: Griffin 1987. 194p.
- 2-252 252
Celeux, G.; Diday, E.; Govaert, G.; Lechevalier, Y.; Ralambondrainy,H.: Classification automatique des données: Environnement statistique et informatique. (Automatic classification of data: Statistical environment and informatics) Orig.fr. Paris, FR: Dunod 1989. 285p.
- 2-253 252
Day,W.H.E.: (Book review of) Godehardt, E.: Graphs as structural models: The application of graphs and multigraphs in cluster analysis. Braunschweig/Wiesbaden: Vieweg 1988. X,214p. Orig.en. J.Classif. Vol 7, 1990. p.141-142, 7 refs.
- 2-254 252
Janssen,J.; Marcotorchino,F., Proth,J.M.(Eds.): Data analysis: The ins and outs of solving real problems. Orig. en. New York: Plenum 1987. IX,381p.
- 2-255 252
Kurita, T.: An efficient agglomerative clustering algorithm using a heap. Pattern Recognition 24(1991)No 3, p.205-9, 7 refs.
- 2-256 252
Snijders,T.A.B.; Donnaar,M., Schuur,W.H.v., Dijkman-Caes,C., Driessen,G.: Distribution of some similarity coefficients for dyadic binary data in the case of associated attributes. Orig.en. J.Classif. Vol 7, 1990. p.5-31, 32 refs.
- 2-257 252
Storer, W.F.; Eastman, C.M.: Some experiments in the use of clustering for data validation. Orig.en. Information Systems Vol 15, No 5, 1990. p.537-543, 30 refs.
- 2-258 252
Zhang, Qiwen; Wang,Qen Ring, Boyle, R.: A clustering algorithm for data-sets with a large number of classes. Orig. en. Pattern Recognition Vol 24, No 4, 1991. p.331-340, 11 refs.
- 2-259 252
Srivastava, A.; Murty, M.N.: A comparison between conceptual clustering and conventional clustering. Orig. en. Pattern Recognition Vol 23, No 9, 1990. p.975-981, 6 refs.
- 2-260 253
Aladjem, M.: Parametric and nonparametric linear mappings of multidimensional data. Orig.en. Pattern Recognition Vol 24, No 6, 1991. p.543-553, 32 refs.
- 2-261 253; 88-228
Bell,D.A.; McErlean,F.J., Stewart,P.M., McClean,S.I.: Application of Simulated Annealing to clustering tuples in databases. J.Amer.Soc.Inform.Sci. Vol 41, No 2, 1990. p.98-110, 24 refs.
- 2-262 253
Fairhurst, M.C.; Abdel Wahab, H.M.S., Brittan, P.: Matching structural and implementational models in the specification of image classifiers. Orig.en. Pattern Recognition Vol 24, No 6, 1991. p.555-566, 15 refs.
- 2-263 253
Chidananda Gowda,K.; Diday,E.: Symbolic clustering using a new dissimilarity measure. Orig.en. Pattern Recognition Vol 24, No 6, 1991. p.567-578, 27 refs.
- 2-264 253
Hamamoto,Y.; Matsuura, Y., Kanaoka, T., Tomity, Sh.: A note on the orthonormal discriminant vector method for feature extraction. Pattern Recognition 24(1991)No 7, p.681-684, 14 refs.
- 2-265 254
Lu, Si Wei; Ren, Ying, Suen, Ching Y.: Hierarchical attributed graph representation and recognition of handwritten Chinese characters. Pattern Recognition 24(1991)No 7, p.617-32, 18refs.
- 2-266 254
McErlean,F.J.; Bell, D.A., McClean, S.I.: The use of Simulated Annealing for clustering data in databases. Orig. en. Information Systems Vol 15, No 2, 1990. p.233-245, 22 refs.
- 2-267 254
McMorris, F.R.: The median procedure for n-trees as a maximum likelihood method. J.Classif. Vol 7, 1990. p.77-80, 9 refs.
- 2-268 254
Sriram, N.: Clique optimization: a method to construct parsimonious ultrametric trees from similarity data. Orig. en. J.Classif. Vol 7, 1990. p.33-52, 19 refs.
- 2-269 255
Bazhenov,S.R.; Bobrov,L.K., Elepov,B.S., Nigmatullin,R.S.: Automatic classification of documents using pattern recognition. Orig.ru. Moskva, SU: AN SSSR. SO 1989. 45p., 82 refs.
- 2-270 255; 872
Chang, C.C.; Lee, S.Y.: Retrieval of similar pictures on pictorial databases. Orig.en. Pattern Recognition Vol 24, No 7, 1991. p.675-680, 5 refs.
- 2-271 255
Dattatreya, G.R.: Unsupervised context estimation in a mesh of pattern classes for image recognition. Orig.en. Pattern Recognition Vol 24, No 7, 1991. p.685-694, 21 refs.
- 2-272 255
Fu, Li-Min: Analysis of the dimensionality of neural networks for pattern recognition. Orig.en. Pattern Recognition Vol 23, No 10, 1990. p.1131-1140, 8 refs.
- 2-273 255
Kundu, A.; He, Yang: On optimal order in modeling sequence of letters in words of common language as a Markov chain. Orig. en. Pattern Recognition Vol 24, No 7, 1991. p.603-608, 13 refs.
- 2-274 255
De Luca,P.G.; Gisotti, A.: Printed character preclassification based on word structure. Orig.en. Pattern Recognition Vol 24, No 7, 1991. p.609-615, 9 refs.
- 2-275 255
Shekar,B.; Murty,M.N., Krishna, G.: A knowledge-based approach to pattern generation. Orig.en. Pattern Recognition Vol 23, No 11, 1990. p.1299-1306, 5 refs.
- 2-276 255
Spivak, Sh.: Some properties of the multisurface method for pattern classification. Orig.en. Pattern Recognition Vol 24, No 4, 1991. p.325-330, 9 refs.
- 2-277 255
Zhu, Qiuming: On the minimum probability of error of classification with incomplete patterns. Orig.en. Pattern Recognition Vol 23, No 11, 1990. p.1281-1290, 12 refs.
- 2-278 256
Legendre,P.; Oden,N.L., Sokal,R.R., Vaudor,A., Kim,J.: Approximate analysis of variance of spatially autocorrelated regional data. Orig.en. J.Classif. Vol 7, 1990. p.53-75, 16 refs.
- 2-279 257
Košmelj, K.; Batagelj, V.: Cross-sectional approach for clustering time varying data. J.Classif. 7(1990) p.99-109, 7 refs.
- 2-280 258-526
Sharabchiev, Yu.T.; Derkach, A.S.: Use of cluster analysis of keywords in scientific documents in scientometric studies. Orig.ru. In: Metodol.probl.med.informt.i naukoved.. Moskva, SU 1989. p.114-123, 18 refs.
- 2-281 258-673
Louviere,J.J.; Timmermans, H.J.P.: Using hierarchical information integration to model consumer responses to possible planning actions: recreation destination choice illustration. Environment & Planning A, Vol 22, No 3,1990. p.291-308, 53 refs.
- 2-282 258-822
Todorov, R.; Glaenzel, W.: Computer bibliometrics for journal classification. Orig.en. Inform.Process.& Management Vol 26, No 5, 1990. p.673-680, 10 refs.
- 26 Notation, Codes**
- 2-284 261
Husain, Sh.: Calculating the capacity of a notational system: some new formulae. Int.Forum Inf.& Doc. 16(1991)1, p.22-7, 4r.

2-285 262; 485.6-21/4
Rambow, L.: Das Signatursystem der neuen Physik-Systematik. (The book number system of the new physics classification scheme) Orig.de. Bücherplatz; Intern.Informationsblatt d.AGB, No 3/4, 1989. p.52-56

2-286 265
Husain, Sh.: (Book review of) Satija, M.P., Agrawal, S.P.: Book numbers: Some Indian methods. New Delhi: Concept Pub., 1990. VII, 96p.. Orig.en. Int.Classif. 18(1991)No 1, p.53-55, 8 refs.

2-287 265
Classification and call numbers. In: Taylor, A.G., O'Neil, R.: Cataloging with copy. 2nd ed. Englewood, CO: Libraries Unlimited 1988. p.170-246

2-288 268-26.99
Barnard, J.-M.: Standard representations for chemical information. In: Collier, H.R.(Ed.): Chemical information, information in chemistry, pharmacology & patents. Proc.Int.Conf., Montreux, CH, Sept.1989. Berlin: Springer 1989. p.209-219, 24 refs.

27 Revision, Updating, & Maintenance

See also 2-461, 2-467

2-289 272; 285
Rada, R.: Maintaining thesauri and metathesauri. Orig. en. Int.Classif. Vol 17, No 3/4, 1990. p.158-164, 30 refs.

2-290 273
Michalak, T.J.: An experiment in enhancing catalog records at Carnegie. Library Hi Tech Vol 8, No 3, 1990. p.33-42, 5 refs.

28 Compatibility and Concordance

See also 2-220, 2-289

2-291 286; 526
Hendrickson, J.B.; Miller, T.M.: Reaction indexing for reaction databases. Orig.en. J.Chem.Inform.& Comput.Sci. Vol 30, No 4, 1990. p.403-408, 11 refs.
Description of a program to translate the reaction entries in the REACCS and SYNLIB databases into the same terms as those employed in the SYNGEN program for synthesis design.

29 Evaluation of CS & T

See also 2-224

2-292 293
Alvaro, B.C.; Villagra, R.A.; Sorli, R.A.: Development of formalized Spanish indexing languages: II. Evaluation of available Spanish-language thesauri. Orig.es. Rev.esp.doc.cient. Vol 12, No 3, 1989. p.283-305, 8 refs.

2-293 293
Kando-Marsyuama, N.; Kishida, K.; Mushakoji, S.; Inagaki, K.; Higuchi, K.; Ueda, Sh.: A comparative evaluation of thesauri concerning "conceptual representability": an indexing experiment with documents on library and information science. Orig.Ja. Libr.& Inform.Sci. Vol 26, 1988. p.103-114, 34 refs.

2-294 295
Ruchinskaya, E.M.: A comparison of subject heading languages for their optimization. Orig.ru. Nauchn.i Tekhn.Bibl.SSSR, No 4, 1990. p.1-10, 10 refs.

2-295 295
Teresita, R.R.; Delsy, T.F.: Comparative study of three subject heading lists in Spanish. Orig.es. Rev.esp.doc.cient. Vol 12, No 4, 1989. p.422-440, 11 refs.

2-296 295.042.5
Azevedo, V.E.de; Bandeira, M.M.O.: Extensions and Corrections to the UDC: Portuguese Medium Edition. Orig.pt. Cienc.inform. Vol 18, No 2, 1989. p.135-150, 7 refs.

3 CLASSING AND INDEXING

31 Theory of Classing and Indexing

See also 2-005, 2-006, 2-165, 2-180

2-297 31.07
Bakewell, K.G.B.: (Book review of) Cleveland, D.B., Cleveland, A.D.: Introduction to indexing and abstracting, 2nd ed. Englewood, CO: Libraries Unlimited 1990. XIII, 329p. Orig.en. Indexer Vol 17, No 3, 1991. p.223

2-298 311
Problems in the use of a coextensive and general subject heading list under manual and computer-aided subject indexing. Orig.ru. Sb.nauchn.tr./Leningr.vos.Inst.Kul'tury, No 125, 1988. p.86-97, 20 refs.

2-299 311
Chan, L.M.; Hodges, T.: Subject cataloguing and classification: the late 1980's and beyond. In: Technical Services today & tomorrow. Englewood, CO: Libraries Unlimited 1990. p.74-85, refs.

2-300 311
Prizmet, E.L.: Towards a unified theory of subject indexing: V.P.Kruglikova about V.P.Kruglikova's book 'Subject indexing of printed materials'. Orig.ru. Predmet.polsk.v tradits. i ne-tradits.IPS, No 9, 1989. p.61-68, 6 refs.

2-301 313
DeHart, F.; Reitsma, R.: Subject searching and tables of contents in single-work titles. Orig.en. Techn.Services Quart. Vol 7, No 1, 1989. p.33-51, 12 refs.

2-302 313
Whittaker, J.: Creativity and conformity in science: titles, keywords and co-word analysis. Orig.en. Social Studies of Science Vol 19, No 3, 1989. p.473-496, 18 refs.

2-303 313
Wyllie, J.: Concept indexing: the world beyond the windows. Orig.en. Aslib Proc. Vol 42, No 5, 1990. p.153-159

2-304 314
Glazek, D.: Possibility of increasing the efficiency of information retrieval by means of free key words. Orig.en. Zagad. Inform.Naukowe Vol 54, No 1, 1989. p.125-137, 4 refs.

2-305 317
Pigot, M.: Authors as their own indexers. Orig.en. Indexer Vol 17, No 3, 1991. p.161-166, 10 refs.

2-306 317
Ramesh-Babu, B.: Author vs professional indexes: who should make an index to a book? A theoretical approach. Orig.en. Relisar Bull. Vol 6, No 2, 1990. p.28-38, 11 refs.

32 Subject Analysis

2-307 321
Langridge, D.W.: Subject analysis: Principles and procedures. Orig.en. London, etc.: Bowker-Saur 1989. 146p., 13 refs. ISBN 0-408-03031-3

Subject analysis is understood as the determination of the significant characteristics of a document, an act that precedes the actual indexing which is the assignment of indexing terms. The book has the following chapters: Definition and aims - Forms of knowledge - Topics - Forms of writing - Summarization Summarizing in practice - Subject analysis of systems - Depth analysis. References and related readings (13 items). Bibliography of works on the nature and history of the forms of knowledge (with a grading of items according to "introductory", "intermediate", and "advanced" = 150 items). Appendix 2: The forms of knowledge: Summary of characteristics (tabular). Appendix 3: Sequence of steps in summarization. Index of books analyzed in text (76 refs.). General index (p.141-146).

2-308 322; 254; 247
Missaoui, R.; Frasson, C.: Utilisation de techniques d'analyse des données pour l'optimisation des requêtes relationnelles. (Using data analysis techniques to optimize relational queries) Orig. fr. INFOR Vol 27, No 3, 1989. p.338-359, 35 refs.

2-309 323
Kiryakhina, T.G.; Kukushkin, A.G.: One approach to upgrading information product quality. Orig.ru. In: ProBl.soversh.pat.-inf.obespech.v usloviyakh khozrascheta: Vses.semin., Moskva, 3-4 noyab., 1989. Moskva, SU 1989. p.27-29

33 Classing and Indexing Techniques

See also 2-165, 2-169

2-310 33.07
Prapongescu, G. et al. (Eds.): Methods of indexing employed in information and documentation work: Guidance materials. Orig.ro. Bucuresti: Com.Nat.Sti.Tekhnol.Inst.Nat.Inf.Doc.1989. 152p.

2-311 333; 483
Beloozerov, V.N.; Kravcenko, N.D., Cel'cova, N.A.: Description of the contents of a document by the exchange format of GASNTI. Orig.ru. Nauch.tekhn.inform., Ser.2, No 9, 1989. p.24-28, 9 refs.

2-312 333
Olesen, T.: Precision in subject data or strangulation through data constipation? Orig.dk. DF-REVY Vol 13, No 1, 1990. p.5-6

2-313 337
Assuncao, J.B.: PRECIS in Portuguese: searching for an adaptation (special issue). Orig. pt. Rev.Esc.Bibl.Univ.Fed.Minas Gerais Vol 18, 1989. p.153-365

2-314 337
Fujita, M.S.L.: Evaluating the retrieval performance of the PRECIS indexing system. Orig.pt. Cienc.Inform. Vol 18, No 2, 1989. p.120-134

2-315 337.392
Kageura Kyo: Consistency of PRECIS operators from the viewpoint of the concept of semantic roles in natural languages. Orig.Ja. Libr.and Inform.Sci., No 26, 1989. p.89-102

2-316 337.395
The subject catalogue... at a time when it can be technically reproduced. Orig.it. Bibliotecario 1989. p.169-179, 3 refs.

2-317 338
Aihara Nobuya; Senga Masayuki, et al: J-BISC as IR tool for Japanese books - its indexing and operation, Pt.2. Orig. Ja. Kagaku gijutsu bunken sabisu (Sci.& Technol.Inf.Serv.) 1989, No.90, p.24-30

34 Automatic Classing and Indexing

2-318 341
Sakharnyj, L.V.: Subject indexing as full text compression and its computer simulation. Orig.ru. Predmet.pouisk v tradits. i netradits.IPS, No 9, 1989. p.7-24

2-319 342
Klimasauskas, C.C.: Neural networks: as new technology for information processing. Orig.en. Data Base 20(1989)No 1, p.21-23

2-320 342
Thompson, P.: A sensitivity analysis of a probabilistic information retrieval system. Orig.en. J.Amer.Soc.Inform.Sci. Vol 41, No 5, 1990. p.348-358, 17 refs.

2-321 343; 733
Felicjan, L.: Methods of access to text files. Orig.it. Quad.inform. Vol 15, No 2, 1989. p.19-28, 15 refs.

2-322 343.24
Sorokina, N.G.: Referent: An automatic indexing system recognizing informationally-significant semantic relations. Orig.ru Sb.nauch.tr./Leningr.Gos.Inst.Kul'tury, No 128, 1989. p.90-104 10 refs.

2-323 343.243; 857
Salton, G.; Smith, M.: On the application of syntactic methodologies in automatic text analysis. Orig.en. SIGIR Forum Vol 23, No 2, 1989. p.137-150, 21 refs.

2-324 343.246
Umino Bin: Some principles of weighting based on word frequency for automatic indexing. Orig.Ja. Libr.and Inform.Sci., No 26, 1988. p.67-88, 29 refs.

2-325 3432
Deerwester, S.; Dumais, S.T.; Furnas, G.W.; Landauer, T.K.; Harshman, R.: Indexing by latent semantic analysis. Orig. en. J.Amer.Soc.Inform.Sci. Vol 41, No 6, 1990. p.391-407, refs.

2-326 3432
Panevova, M.: Retrieval language PASSAT. Orig.cs. Ceskoslovenska Informatika Vol 31, No 4, 1989. p.102-105, 6 refs.

2-327 3432
Ruge, G.; Schwarz, C., Thurmair, G.: A hyperterm system based on natural language processing. Orig.en. Int.Forum Inform.& Doc. Vol 15, No 3, 1990. p.3-8, 8 refs.

2-328 3433
Kharin, N.P.: Automatic indexing of queries in a document retrieval system using statistical and morphological data. Orig.ru. Nauch.-techn.Inform., Ser.2, No 2, 1990. p.25-29, 8 refs.

2-329 3433
Zaretskij, D.A.: A statistical-distribution method for displaying paradigmatic relations among concepts. Orig.ru. Vopr.inform.teorii i prakt.(Moskva), No 58, 1989. p.50-58, 8 refs.

2-330 344
Gou Hanqing: A simplified and appropriate computer-aided indexing system. Orig.ch. Qingbao kexue (Inform.Sci.) Vol 9, No 2, 1988. p.24-30

2-331 345
Hancox, P.: A recursive algorithm for generating SLIC index entries. Orig.en. Program Vol 23, No 3, 1989. p.311-317, 7 refs.

2-332 348
Gomez, F.; Segami, C.: Classification-based inferences in retrieving information from a database of scientific facts. Orig.en. In: Proc.5th Conf.Artif.Intell.Appl., Miami, Fla., March 6-10, 1989. Washington, DC 1989. p.76-81, 12 refs.

2-333 348
Juan, Z.L.; Cheng, W.Y.: The theory and practice of automatic classification of Chinese scientific documents. Orig.en. In: Minzu, Z.(Ed.); Aslib; China Soc.for Scient.& Techn.Inform.; Database Development and Chinese Inform.Needs. Proc.2nd Beijing Int.Symp. on Computerized IR, 7-11 Dec.1987. London, GB 1990. p.271-277, 6 refs.

2-334 348
Lutz, E.; Kleist-Retzow, H.v., Hoernig, K.: MAFIA - an active mail-filter-agent for an intelligent document processing support. Orig.en. SIGOIS Bull. 11(1990)No 4, p.16-32, 14 refs.

2-335 348-746
Kuznetsov, B.A.; Krichesvskij, V.K., Rakova, T.A.: An experiment in automatic classification of documents. Orig.ru. Vopr.inform.teorii i prakt., No 58, 1989. p.38-42, 3 refs.

2-336 348-918
Hosono, K.; Gotoh, T., Harada, T., Morohashi, M., Umeda, S.: Analysing characteristics of Kanji and Katakana scripts of technical terms in science and technology fields. In: Moench, O. et al. (Eds.); Ges.f.Math.u.Datenberarb.; Japanese Inform.in Science, Technol.& Commerce. Proc.2nd Int.Conf. Berlin 23-25 Oct. 1989. Berlin, OE 1989. p.472-484

2-337 349
Deogun, J.S.; Raghavan, V.V.: Formulation of the term refinement problem for user-oriented information retrieval. Orig.en. In: Ann.Artif.Intell.Syst.Gov.Conf., Washington, DC, March 27-31, 1989. Proc. Washington, DC 1989. p.72-78, 27 refs.

2-338 349
Jones, K.P.: Natural-language processing and automatic indexing: a reply. Indexer Vol 17, No 2, 1990. p.114-115, 5 refs.

2-339 349
Belogonov, G.G.; Kuznetsov, B.A., Krichesvskij, V.K.: Experimental assessment of the performance of an IR system using automatic keyword and key phrase indexing. Orig.ru. Nauch.-tekh.inform. Ser.2, No 12, 1989. p.6-8, 2 refs.

2-340 349
Malone, L.C.; Driscoll, J.R., Pepe, J.W.: Modelling the performance of an automated keywording system. Orig.en. Inform.Process.& Management Vol 27, No 2/3, 1991. p.145-151, 16 refs.

2-341 349
Guo Youren: Automatic indexing of Chinese S and T documents and the analysis of its testing results. Orig.ch. Qingbao Kexue (Inform.Sci) Vol 9, No 2, 1988. p.15-23

35 Manual and Automatic Ordering

2-342 351
Rossi, G.P.: Architectural design issues for naming communicating entities in distributed systems. Orig.it. Rivista di Informatica Vol 20, No 3, 1990. p.205-220, 30 refs.

2-343 354
Organizing the library collection for accessibility: integration of materials, appropriate subject headings, and the impact of technology. Orig.en. In: Wright, K.C., Davie, J.F.: The library manager's guide to hiring and serving disabled persons. McFarland & Co 1990. p.51-62

2-344 355
Dittrich, K.R.: Object-oriented database systems: the next miles of the marathon. Orig.en. Inform.Syst. Vol 15, No 1, 1990. p.161-167, 17 refs.

2-345 355
Durham, T.: The big jump to object oriented database. Orig.en. IBM Syst.User, March 1990. p.15, 17-18

2-346 355
Gibb, F.; Smart, G.: Structured information management using new techniques for processing text. Orig.en. Online review Vol 14, No 3, 1990. p.159-171, 3 refs.

2-347 355
Katsumi, Tanaka; Masatoshi, Yoshikawa; Kozo, Ishihara: Schema design, views and incomplete information in object-oriented databases. J.Inform.Process. 12(1989)No 3, p.239-250, 9 refs.

2-348 355
Kaula, R.; Ngwenyama, O.K.: An approach to open intelligent information systems. Orig.en. Inform.Syst. Vol 15, No 4, 1990. p.489-496, 39 refs.
New approach to the design of open intelligent information systems based on artificial intelligence techniques. OIISA proposes a mechanism for the effective partitioning of the knowledge base and a framework by which separate knowledge bases would cooperatively solve problems. (Authors, abbr.)

2-349 355
Khoshafian, S.; Franklin, M.J., Carey, M.J.: Storage Management for persistent complex objects. Orig.en. Inform.Syst. Vol 15, No 3, 1990. p.303-320, 60 refs.

2-350 355
Kuznetsov, B.A.: Inclusiveness of VINITI's subject database: an analysis. Orig.ru. Vopr.inform.teorii i prakt., No 58, 1989 p.130-135, 6 refs.

2-351 355
Michal, R.: Computer storage and retrieval of data. Orig.cs. Metod.zprav./St.knih.CSR, No 4, 1989. p.217-228

2-352 355
Sellis, T.K.; Roussopoulos, N.; Ng, R.T.: Efficient compilation of large rule bases using logical access paths. Orig. en. Inform.Syst. Vol 15, No 1, 1990. p.73-84, 25 refs.

2-353 355; 753
Wiederhold, G.; Rathmann, P.; Barsalou, Th.; Lee, B.S.; Quass, D.: Partitioning and composing knowledge. Orig.en. Inform.Syst. Vol 15, No 1, 1990. p.61-72, 31 refs.

356 Hypertext, Hypermedia

See also 2-161, 2-200, 2-623

2-354 356
Bannon, L.; Groenback, K.: Hypermedia: support for a more natural information organization. Orig.en. In: Clausen, H. (Ed.): Inform.& innovation. Proc.7th Nordic Conf.f.Inform.& Doc., Aarhus Univ., DK, 28-30 Aug.1989. Aarhus University, Denmark 1989. p.39-53, 24 refs.

2-355 356
Begoray, J.A.: An introduction to hypermedia issues, systems and application areas. Orig.en. Int.J.Man-Machine Studies Vol 33, No 2, 1990. p.121-147, 41 refs.

2-356 356
Gloor, P.A.; Streitz, N.A.: Hypertext und Hypermedia. Von theoretischen Konzepten zur praktischen Anwendung. (From theoretical concepts to practical application) Orig.de. Heidelberg, etc.: Springer Verlag 1990. IX, 302p., ISBN 3-540-53089-4

2-357 356
Kuhlen, R.: Hypertext. Ein nicht-lineares Medium zwischen Buch und Wissensbank. (Hypertext. A non-linear medium between book and knowledge base) Orig.de. Berlin-Heidelberg, etc.: Springer Verlag 1991. XV, 362p.

Contains four main chapters with many subdivisions: Concerning the concept of hypertext. Methodical aspects in the construction and utilization of hypertext. Hypertext for the elaboration of information and knowledge representation. Research design for a hypertext system in the context of special communication (WITH - knowledge-based textoriented hypertext system). Bibliography of some 500 references. System examples for experimental and commercial hypertext systems (altogether 39 detailed descriptions and 51 only listed without description. Indexes of persons and of subjects.

2-358 356
Rada, R.: Focus on links: a holistic view of hypertext. Orig. en. Int.Classif. Vol 18, No 1, 1991. p.13-18, 16 refs.

36 Coding

2-359 368-26
Lawson, A.J.; Kallies, H.: Multistep reactions. The RABBIT approach. Orig.en. J.Chem.Inform.& Comput.Sci. Vol 30, No 4, 1990. p.426-430, 12 refs.

Presentation of a simple concept (RABBIT) for the coding of multistep reactions. A RABBIT (Random Access Black Box Indexing Term) code contains purely structural information and may be represented as a vector in two-dimensional space.

Author, abbr.

37 Reclassification

2-360 371
Epstein, S.B.: Retrospective conversion revisited, Part 1. Orig.en. Library J. Vol 115, No 9, 1990. p.56-58

2-361 375
Boyce, B.R. et al.: Measurement of subject scatter in the Superintendent of Documents Classification (when a collection is reclassified to the Library of Congress Classification). Orig.en. Gov.Publ.Rev. Vol 17, 1990. p.333-339

2-362 375
Massonneau, S.: Reclassification and barcoding: a unique opportunity. Orig.en. Collection Management Vol 13, No 1/2, 1990. p.15-38, 9 refs.

2-363 375
Wooleyhan, S.G.: Missouri Botanical Garden's recataloging project (to convert to the Library of Congress Classification system). Orig.en. Show-Me Libr. Vol 41, Spring 1990. p.43-44

38 Index Generation and Programs

See also 2-007

2-364 382
Afanasova, L.N.: Problems and experience in preparing SDI cumulative indexes. Orig.ru. Sb.nauch.tr./Leningr.Gos.Inst.Kul'tury, No 128, 1989. p.104-109

2-365 382
Chen, Zhengyu: Some reflections on the normalization of the subject index in China's information publications. Orig.ch. Qingbao kexue (Inform.Sci.) Vol 9, No 2, 1988. p.59-62

2-366 382
Fugmann, R.: The Navigational Index. Orig.en. Int.Classif. Vol 18, No 2, 1991. p.122-132, 6 refs.
Description of a set of indexes - called Navigational Index - to the volumes 1 and 2 of "Tools for Knowledge Organization and the Human Interface", Frankfurt, INDEKS Ver1.1990/91. This publisher distributes also the Navigational Index on diskette (MS/DOS, WORD), (DM 25).

2-367 381
Kruglikova, V.P.: Draft prospectus of the monograph "The subject index and subject indexing of print materials: General methodology". Orig.ru. Predmet.poisik v tradits.i netradits.IPS No 9, 1989. p.69-71

2-368 381
Sadovska, Ya.: The coextensive subject heading in a subject index. Orig.ru. Predmet.poisik v tradits.i netradits.IPS, No 9, 1989. p.50-60, 2 refs.

2-369 382
Thoiron, P.; Bejoint, H.: Pour un index évolutif et cumulatif de cooccurrents en langue techno-scientifique sectorielle. (On an evolutionary and cumulative index of co-occurencies in a sectorial techno-scientific language) Orig.fr. Meta Vol 34, No 4, 1989. p.661-671

2-370 382
Weinberg, B.H.: The indexes to AACR2 and its revision: an evaluation. Orig.en. Libr.Resources & Techn.Services 34(1990)No 3 p.393-399, 8 refs.

2-371 383
Jones, L.P.; Gassie, E.W.; Radhakrishnan, S.: INDEX: the statistical basis for an automatic conceptual phrase-indexing system. Orig.en. J.Amer.Soc.Inform.Sci. Vol 41, No 2, 1990. p.87-97

2-372 383; 982
Kondrat'eva, E.S.: Compiling a cumulative index from SDI data. Orig.ru. In: Soversh. inf.-bibliogr. obsluzh.uchenykh i spets. Novosibirsk, SU 1989. p.79-84, 5 refs.

2-373 383
Kuen-Fang, J.J.; Yung-Chia, L.: Building efficient and flexible feature-based indices. Orig.en. Inform. Syst. Vol 15, No 6, 1990. p.653-662, 17 refs.

2-374 383
Sano, H.: Concise display of index entries. Orig.en. J.Doc. Vol 47, No 1, 1991. p.23-35, 11 refs.

2-375 383
Soboleva, E.B.; Razmakhina, L.F.; Bazhenov, S.R.: Perfecting the preparation of regional current bibliographies. Orig.ru. In: Soversh. inf.-bibliogr. obsluzh.uchenykh i spets. Novosibirsk, SU 1989. p.58-69, 6 refs.

2-376 383.99
Bakewell, K.G.B.: Towards a new international standard on indexing. Orig.en. Indexer Vol 17, No 2, 1990. p.127-8, 2 refs.

2-377 384
Fugmann, R.: (Book review of) Fetters, L.K.: A guide to indexing software. New York: Amer.Soc.Indexers 1989. 3rd ed. 26p. Orig.en. Int.Classif. Vol 18, No 1, 1991. p.56

2-378 384
Mulvany, N.C.: Software tools for indexing: what we need. Orig.en. Indexer Vol 17, No 2, 1990. p.108-113, 13 refs.

2-379 384
Weinberg, B.H.: Indexing software: The theoretical and the possible. Orig.en. In: Inform.in the Year 2000: From Research to Applications. ASIS'90: Proc.53rd ASIS Ann.Meeting, Toronto, Ont., Nov.4-8, 1990. Medford, NJ: Learned Inform. 1990. p.345

2-380 386
Tung, S.J.: dbase indexing tips. Orig.en. OCLC Micro, No 5, 1989. p.10-11

2-381 396
Mittal, R.: Creation of a subject index to the NUCSSI Database with the CDS/ISIS package. Orig.en. Ann.Libr.Sci.Doc. Vol 36, No 1-2, 1989. p.52-62, 3 refs.

387 Thesaurus Software

See also 2-007, 2-143, 2-144, 2-149, 2-151

2-382 387
Fugmann, R.: (Book review of) Meiss, B.: Thesaurus, integriert, online, dynamisch - Neues Arbeiten mit DOMESTIC. MUnchen: KTS Informationssysteme 1989. 103p. Orig.en. Int.Classif. Vol 17, No 3-4, 1990. p.184

2-383 387
McLelland, J.: Computers, databases, and thesauri. Orig. en. Aslib Proc. Vol 42, No 7/8, 1990. p.201-205

2-384 387
Ganzmann, J.: Criteria for the evaluation of thesaurus software. Orig.en. Int.Classif. Vol 17, No 3/4, 1990. p.148-157, 23 refs.

2-385 387; 754
Jarke, M.; Jeusfeld, M., Rose, T.: A software process data model for knowledge engineering in information systems. Orig. en. Inform.Syst. Vol 15, No 1, 1990. p.85-116, 64 refs.

2-386 387
Milstead, J.L.: Specifications for thesaurus software. Orig.en. Inform.Process.& Management 27(1991)No 2/3, p.165-175, 5 refs.

2-387 387
Milstead, J.L.: Thesaurus software packages. Orig.en. In: Inform.in the Year 2000: From Research to Cooperation. Proc.53rd ASIS Ann.Meeting, Toronto, Ont., Nov.4-8, 1990. Medford, NJ: Learned Inform., Inc. 1990. p.3-15

2-388 387; 213
Milstead, J.L.: Thesaurus software packages for personal computers. Orig.en. Database Vol 13, No 6, 1990. p.61-65, 4 refs.

2-389 387
Powell, A.P.: ZyINDEX: Bringing order to electronic chaos. Orig.en. Libr.Software Rev. Vol 8, No 3, 1989. p.155-158

2-390 387
Ritzler, C.: Comparative study of PC-supported thesaurus software. Orig.en. Int.Classif. 17(1990)No 3/4, p.138-147, 1 ref.

2-391 387
Schmitz-Esser, W. (Comp.): Thesaurus software on offer in Europe. Orig.en. Int.Classif. Vol 17, No 3/4, 1990. p.180-181

2-392 388-9; 346; 88-9
Serebryannikova, T.O.: Subject indexes to bibliographies in the automatic retrieval system on culture. Orig.ru. Sb.nauch.tr./Leningr.Gos.Inst.Kul'tury, No 128, 1989. p.109-116, 12 refs.

2-393 388-947
LaRose, A.J.: Inclusiveness of indexes and abstracts of interest to students of communication. Orig.en. RQ Vol 29, No 1, 1989. p.29-35, 10 refs.

2-394 388-969
Hudson, A.: Compiling a general index to "Sussex Archaeological Collections". Indexer Vol 17, No 2, 1990. p.83-90, 5 refs.

39 Evaluation of Classing and Indexing

See also 2-315, 2-316

2-395 391; 291
Bermejo, A.; Villagra, R.A., Sorli, R.A.: Development of formalized documentary languages in Spanish: An evaluation. I Theoretical and practical significance of controlled vocabularies. Orig.es. Rev.esp.doc.cient. 12(1989)No 2, p.154-159, 8 refs.

2-396 391
Boles, D.: The effect of subject matter familiarity on indexer consistency, number of index terms supplied, and indexer use of author terminology. Orig.en. Chapel Hill, NC: University of North Carolina. Thesis (MSLS) 1989. 23p.

2-397 391
Dillon, M.; Wenzel, P.: Retrieval effectiveness of enhanced bibliographic records. Orig.en. Libr.Hi Tech Vol 8, No 3, 1990 p.43-47
Improvement is found to be primarily in the area of recall; precision is found to suffer as content is added to records.

2-398 391
Schamber, L.; Eisenber, M.B., Nilan, M.S.: A re-examination of relevance: toward a dynamic, situational definition. Orig.en. Inform.Process.& Management 26(1990)No 6, p.755-776, 62 refs.

2-399 391
Lio Shaowu: The vagueness of indexing and searching in subject retrieval. Orig.ch. Qingbao kexue (Inform.Sci.) Vol 9, No 5, 1988. p.36-39

2-400 392
Iivonen, M.: Inconsistencies in indexing and its control. Orig. fi. Signum Vol 22, No 8, 1989. p.190-194, 11 refs.

2-401 392
Sievert, M.C.; Andrews, M.J.: Indexing consistency in Information Science Abstracts. Orig.en. J.Amer.Soc.Inform.Sci. Vol 42, No 1, 1991. p.1-6, 7 refs.

2-402 392
Prasher, R.G.: Evaluation of an indexing system. Orig.en. Herald of Libr.Sci. Vol 28, No 3, 1989. p.157-165

2-403 392; 88-27
Shaw, W.M.Jr.: Subject indexing and citation indexing - Part II An evaluation and comparison. Orig.en. Inform.Process.& Management Vol 26, No 6, 1990. p.705-718, 36 refs.

2-404 394.42
Azevedo Veiga, E.de: Extensions and corrections to the UDC: Portuguese Medium Edition. Orig.pt. Ciencia de Informacao Vol 18, No 2, 1989. p.135-150, 7 refs.

2-405 395; 88-51/4
Booth, A.: How consistent is MEDLINE indexing? A few reservations. Health Libr.Rev. Vol 7, No 1, 1990. p.22-26, 3 refs.

2-406 396
Coghlan, J.: Algorithm versus database-produced chemical indexing. Orig.en. Database Vol 13, No 3, 1990. p.57-62

2-407 396; 651/4
MacKinin, E.J.; Sievert, M., Johnson, E.D., Mitchell, J.A.: The MEDLINE/full-text research project. Orig.en. J.Amer.Soc. Inform.Sci. Vol 42, No 4, 1991. p.297-307, refs.

2-408 396
Liu Nanjie: An approach to relevant retrieval by combining normalized subject terms and free terms. Orig.ch. Qingbao kexue (Inform.Sci.) Vol 9, No 3 1988. p.40-45

2-409 396
Rowley, J.E.: A comparison between free language and controlled language indexing and searching. Orig.en. Inform.Serv.& Use Vol 10, No 3, 1990. p.147-155, 6 refs.

2-410 397
Tuuteri, O.: Thoughts on indexing: Shall a knowledge search be left up to subject headings? Orig.fi. Kirjastoletti Vol 81, No 10, 1989. p.382-383

2-411 398-9
Walker, G.: Searching the humanities. Subject overlap and search vocabulary. Database 13(1990)No 5, p.37-46, 34 refs.

4 ON UNIVERSAL SYSTEMS

41 On Universal CS & T in General

2-412 411
Foskett, D.J.: Concerning general and special classifications. Orig.en. Int.Classif. Vol 18, No 2, 1991. p.87-91, 8 refs.

42 On the Universal Decimal Classification

See also 2-149, 2-296, 2-404, 2-612

2-414 42.07
Rose, H.: Universal Decimal Classification: Theory and practice. 2nd ed. New Delhi: Sterling Publ. 1990. VIII, 192p. ISBN 81-207-1255-2

2-415 42.08
Himanka, J.; Kautto, V., Suominen, J.V.: UDK: N Suomalaisen Lyhennetyin Laitoksen Käytäminen Yleisen Suomalaisen Asiasanaston Termeiksi. (Translation of the Finnish abridged version of the UDC into general Finnish subject headings) Orig.fi. Oulu, FI: University of Oulu. Dept. of Libr. & Inform.Sci. 1991. 53p. Publ. of Oulu Univ. Libr. No. 24
Investigation showed that a translation of the entire UDC is not advisable, a selective one, would, however, make sense.

- 2-416 42.119
Haarala, A.-R.: The role of the UDC in Finnish classification policy. Orig.en. The Hague: IFLA 1990. 8p., Materials for the 56th Conference, Stockholm 1990
- 2-418 42.213
Kil'dyushevskaya, Z.V.: The UDC in computerised IR systems. Orig.ru. Nauch.-tekh.inform., Ser.1, No 2, 1990. p.16-7, 9 refs.
- 2-419 42.213
Meink, P.: Die maschinenlesbare DK. (The machine-readable UDC) Orig.de. DK-Mitt. Vol 33, No 3, 1989. p.9-11, 1 ref.
Guidelines for the diskette version of the UDC as ASCII-text file for Macintosh, MS-DOS and AMIGA.
- 2-420 42.4
UDC topics. Orig.cs. Ceskoslovenska Informatika Vol 32, No 5, 1990. p.150
- 2-421 42.4.02
Satyanarayana, V.V.V.: Universal Decimal Classification. International Medium Edition - English text (BS 1000M:1985): a critical review. Orig.en. Annals of Libr.Sci.& Doc. Vol 36, No 3, 1989. p.91-95, 2 refs.
- 2-422 42.925
McIlwaine, I.C.: Task Force for UDC System Development. Orig.en Int.Classif. Vol 17, No 3-4, 1990. p.177-178
- 2-423 42.934
Kristal'nyi, B.V. et al.: UDC in the state system of scientific and technical information. Orig.ru. Nauch.-tekh.inform., Ser.1, No 11, 1988. p.13-15
- 2-435 43.88; 757
Schultz, L.: Designing an expert system to assign Dewey Classification numbers to scores. Orig.en. In: Nixon, C.; Padgett, L.: National OnLine Meeting. Proc.1989, New York, 9-11 May 1989. Medford, NJ: Learned Inform., Inc. 1989. p.393-397
In order to improve the productivity of cataloguing staff at Duke University Library, an expert system was developed to assign DDC notations to music.
- 2-436 43.88.07
Comaromi, J.P.; Satija, M.P.(Eds.): Exercises in the 20th Edition of Dewey Decimal Classification. Orig. en.
New Delhi: Sterling Publ. 1990. XV, 127p.
The book aims at introducing students to the process of assigning and synthesizing class numbers by the 20th ed. of the DDC. It can also be applied in using OOC-18 or -19. There are 14 chapters: 1 Introduction to the text of the four volumes of DDC; 2 How to assign and build class numbers in the DDC; 3 Practical number building; 4 Order of precedence; 5-11 Use of the Tables 1-17; 12 Examples illustrating multiple synthesis; 13 Classification of general statistics, Law, Geography, and History; 14 More illustrated examples. Index.
- 2-437 43.88.07
Srivastava, A.K.: (Book review of) Comaromi, J., Satija, M.P.: Exercises in the 20th edition of the Dewey Decimal Classification. New Delhi: Sterling Publ. 1990. Orig. en.
Lucknow Librarian Vol 22, No 1/2, 1990. p.49-50
- 2-438 43.934
Karlsdottir, G.: Progressive trends in classification and indexing. Orig. Icelandic. Bokasafnid, 14 March 1990. p.53-54

43 On the Dewey Decimal Classification (DDC)

- 2-424 43.175
Marek, K.: Dewey Decimal Classification for US Conn: an advantage?. Orig. en. ERIC 1988. 17p., 17 refs., ED 311 895
Examination of the use of the DDC at the U.S.Conn Library at Wayne State College in Nebraska.
- 2-425 43.4
Merwe, M.S.van der: Comments on Dewey 20. Orig.en. Mousaion Vol 8, No 1, 1990. p.22-31
- 2-426 43.4
Samdani, R.A.: Dewey Decimal Classification Scheme: 20th ed. Orig.en. Pakistan Library Bull. Vol 20, No 4, 1989. p.1-11
- 2-427 43.4
Stann, P.H.: (Book Review of) Comaromi, J.P., Bell, J., Matthews, W.E. Jr., New, G.R. (Eds.): Dewey Decimal Classification and Relative Index, Ed.20. Albany, NY: Forest Press 1989. 4 vols. Inform.Process.& Management Vol 26, No 6, 1990, p.806
- 2-428 43.4.07
Kumar, P.S.G.: Practical guide to DDC20: Dewey Decimal Classification, Edition 20. Orig. en. Nagpur: Dattsons 1990. 247p.
- 2-429 43.4.07
Yan Tinwei: Short introduction to the Dewey Decimal Classification, 20th edition. Orig.ch. Tushu qingbao gongzu (Libr.Inform.Serv.), No 1, 1990. p.45-46
- 2-430 43.4.295
Comaromi, J.P.; Satija, M.P.: Dewey Decimal Classification: international and Indian aspects. In: Venkatappiah, V. et al. (Eds): Dimensions of Libr.& Inform.Science: Kaula Festschrift. New Delhi: Concept Publ.Co. 1990. p.381-96, 35 refs.
- 2-431 43.42
Satija, M.P.: (Book review of) Comaromi, J.P. et al: Abridged Dewey Decimal Classification, 12th ed. Albany, NY: Forest Press, OCLC 1990. XIII, 857p. Int.Classif. 18(1991)No 1, p.55-6, 3 refs.
- 2-432 43.489
Satija, M.P.: Dewey Decimal Classification for schools. Indian J.Inform.Lib. & Soc. Vol 3, No 3-4, 1990. p.285-290, 6 refs.
- 2-433 43.756
Drabenstott, K.M.; Demeyer, A.N., Gerckens, J., Poe, D.T.: Analysis of a bibliographic database enhanced with a library classification. Libr.Resources & Techn.Serv. Vol 34, No 2, 1990. p.179-198, 12 refs.
- 2-434 43.862
Rachmananta, D.P.: Bibliographic standards of Indonesia. Orig. en. Int.Cat.& Bibliographic Control 19(1990)No 3, p.37-40, 4 refs.
Report on the work of the Indonesian Kantor Bibliografi Nasional which includes also extension and adaption of notations on several sections of the DDC and the subject headings of the National Library.

44 On the Library of Congress Classification

- 2-439 44.6-984
Dreyfuss, R.: Library of Congress Classification for Judaica: recent changes (1988-89). Orig. en.
Judaica Librarianship Vol 5, No 1, 1989. p.41-47
- 2-440 44.984.172
Greig, E.: Library of Congress Classification in an Australian environment. Cataloguing Australia 15(1989)No 2, p.40-4, 9 refs.
- 448 On the Library of Congress Subject Headings
See also 2-586, 2-614
- 2-441 448
Lazinger, S.S.: Producing an LCSH Authority List for special libraries with dBase. Orig.en. Electronic Library Vol 8, No 1, 1990. p.8-14
- 2-442 448
Studwell, W.E.: Something old, something new, something borrowed, nothing blue: a major proposal for LC Subject headings. Orig.en. Technicalities, No 10, 1990. p.8-9
- 2-443 448
Studwell, W.E.: The biggest shortcoming of LC subject headings: documentation/presentation of data. Orig.en. Technicalities, No 10, 1990. p.4-5
- 2-444 448
Studwell, W.E.: Perfidious policies; or, lack of theory = lack of firm and constant direction for LC subject headings. Orig.en. Technicalities, No 10, 1990. p.8-9
- 2-445 448.1
Studwell, W.E.: Library of Congress Subject Headings: Philosophy, Practice, and Prospects. Orig.en. New York-London: Harworth Press 1990. 120p.
Introduction by Paule Rolland-Thomas. 3 Chapters: The system. Application. The future. Bibliography (44 refs.). Index (2p.)
- 2-446 448.6-36
Studwell, W.E.; Larsgaard, M.L.: Geologic subject headings: a macro view and a micro view. Orig.en. Inform.Bull.(West Assoc. Map Libr.), No 21, 1989. p.56-59
- 2-447 448.752
Gerhan, D.R.: LCSH in vivo: Subject searching performance and strategy in the OPAC era. Orig.en. J.Acad.Lib.arianship Vol 15, No 2, 1989. p.83-89, 11 refs.
- 2-448 448.6-984
Weinberg, B.H.: Compilation of Library of Congress Subject Headings for Judaica: comparison, evaluation, and recommendation. Judaica Librarianship 5(1989/90)No 1, p.36-40, 14 refs.
- 2-449 448.847
Smiraglia, R.P.: Subject access to archival materials using LCSH. Orig.en. Cat.& Classif.Quart. Vol 11, No 3/4, 1990. p.63-90, 5 refs.

2-450 448.876
Studwell, W.E.: The invisible geologic quadrangle (geographic subdivisions in map subject cataloging). Orig.en. Inform.Bull. (West.Assoc.Map Libr.), No 21, 1990. p.98-100

45 On the Bliss Classification (BBC)

2-451 45:6-6; 242
Neilson, C.: Organisation of a knowledge base for social science information: Bliss Class K and category based retrieval. Orig.en. ASSIgnation: Asiib Soc.Sci.Inform.Group Newsletter Vol 6, No 4, 1989. p.18-19

46 On the Colon Classification (RCC)

2-452 46.07
Singh, Sewa: A practical manual of Colon Classification: Edition-7. Bombay, etc.: Jaico Publ.House 1990. VII,305p.

This book starts with examples for the different fields of the Colon Classification and ends with the theoretical chapters explaining the features of the CC, especially also the new ones of Ed 7. The "examples" part includes the explanation of the facet arrangement in a similar way as this has been done in the 6th edition of the CC by Ranganathan himself. It does this in 38 chapters. Every chapter ends with a number of exercises for which the answers are given at the end of the book. It concludes with an index.

2-453 46.4
Satiya, M.P.: A critical introduction to the 7th Edition (1987) of the Colon Classification. Orig.en. Cat. & Classif. Quart. Vol 12, No 2, 1990. p.125-138

2-454 46.4
Somaraja, P.: Colon Classification on the March: An overview of Edition 7. Orig.en. In: Venkatappiah, V. et al (Eds.): Dimensions of Library and Inform.Sci.: Kaula Festschrift. New Delhi: Concept Publ.Co. 1990. p.397-407, 4 refs.

2-455 46.4
Svenonius, E.: (Book review of) Satiya, M.P.: Colon Classification (7th Edition): A practical introduction. New Delhi: Ess Ess Publ. 1989. 236p. Int.Classif. Vol 18, No 1, 1991. p.52-53

47 On the Library Bibliographical Classif. (LBC/BBK)

See also 2-001

2-456 47.08
Dubinina, T.V. (Ed.): The Library-Bibliographical Classification: Collection of scientific articles. Orig.ru. Leningrad, SU: Gos.Publichnaja Biblioteka im.M.E.Saltykova-Shchedrina 1989. 148p., Vol.7.

Contains the following articles: 2-457 Cvetkova, I.B.: Improve ment of a modern information retrieval language and perspectives of the LBC. - 2-458 Komarova, V.N., Vasil'ev, V.E.: The growth of kinds of literature and the problem of its correlation to the LBC. - 2-459 Zagorskaja, E.I.: A subject index to the tables of the LBC. - 2-460 Manuchina, N.N.: A systematic control file to the alphabetic subject index (of the LBC).

2-461 47.274
Helbig, G.: Das Projekt 'Klassifikation für wissenschaftliche Bibliotheken. (The project 'Classification for Research Libraries') Orig.de. Zbl.Bibliothekswesen 104(1990)No 5, p.213-216, 15 refs.

2-462 47.6-92
Golodnova, N.N.: The new position of LBC schedules volume XX "SH Philological Sciences. Fiction". Orig.ru. In: Tez.dokl.i soobshch.konf.po itogam n.-i raboty Gos.biblioteki SSSR im. V.I.Lenina za 1989 g.. Moskva, SU 1990. p.53-54
All sections of this volume have been reworked and updated.

2-463 47:812
Ants, C.: BBK (LBC) in academic libraries. Orig.ru. Bibliotekar' (USSR), No 6, 1989. p.44-45

48 On Other Universal Systems

See also 2-045, 2-285, 2-311

2-464 481.225
Gerasimova, L.N.; Vladimirova, A.V.: A faceted approach to the classification of the Common All-Union Library Collection. Orig.ru. In: Edin.bibl.fond strany: probl.formir. Moskva, SU 1989. p.30-42, 10 refs.

2-465 482
Hou Hanqing: A review of the Broad System of Ordering. Orig.ch. Qingbao kexue (Inform.Sci.), No 9, 1988. p.77-83

2-466 485 AGB
Küpper-Morgenstern, U.: Thema: Systematik. (Topic: Classification System (of the AGB)) Orig.de. Bücherplatz (Intern.Inform.blatt d.AGB), No 3/4, 1989, p.46-51

2-467 485.27 ASB
Nohr, H.: Zur notwendigen Revision der "ASB". (On a necessary revision of the "General System for Libraries") Orig. de. Buch u.Bibl. Vol 42, No 10/11, 1990. p.858-861, 13 refs.

2-468 485 CLC
Mao Aizhen: The Chinese Library Classification: A comment. Orig.ch. Qingbao kexue (Inform.Sci.), No 9, 1988. p.65

2-469 485 KWB
Helbig, G.: Das Projekt "Klassifikation für wissenschaftliche Bibliotheken". (The project "Classification for scientific libraries") Orig.de. Zentralbl.f.Bibl.wes. Vol 104, No 5, 1990. p.213-216, 7 refs.

2-470 485 NDC; 6522/3
Kaisaku Muta; Yasuko Osada: Teikoku University Pharmacy Department Library: NDC and pharmaceutical libraries 1. Orig.Ja. Pharmaceutical Libr.Bull. Vol 34, No 3, 1989. p.185-8, 4 refs.

2-471 485 NDC; 6522/3
Tadao Fujita: The age of biotechnology: NDC & pharmaceutical libraries 2. Orig.Ja. Pharmaceutical Libr.Bull. Vol 34, No 3, 1989. p.189-190

2-472 485.6-94 NDC
Outlines of Nippon Decimal Classification 9th edition: 3, the arts section. Orig.Ja. Toshokan Zasshi Vol 83, No 10, 1989. p.659-662

Description of modifications in the 700-799 section "the arts" in the draft of the 9th edition of Nihon Jushin Bunruihyo (Nippon Decimal Classification).

2-473 485 NDLC
Masayuki Senga: National Diet Library Classification and searching: basic knowledge for subject searching in J-BISC 5. Orig.Ja. Toshokan Zasshi Vol 83, No 10, 1989. p.663-6, 2 refs.

2-474 485 SKB
Lenz, H.: Die Sachbuchsystematik für Katholische Öffentliche Büchereien (SKB): Geschichte - Charakterisierung - Probleme bei der Handhabung. (The classification system for catholic public libraries (SKB): history, description, problems of handling) Orig.de. Kath.öffentl.Büch. 4(1990)No 2, p.20-25

2-475 485 SWD
Gödert, W.: Zur semantischen Struktur der Schlagwortnormdatei (SWD). Ein Beitrag zur Problematik des induktiven Aufbaus kontrollierten Vokabulars. (On the semantic structure of the Standard Subject File (SWD). A contribution to the problem of inductive vocabulary construction) Orig.de. Libri Vol 40, No 3 1990. p.228-241, 28 refs.

2-476 485 SWD
Hartwig, G.: Replik der Replik in Sachen SWD. (Answer to an answer concerning the Standard Subject File) Orig.de. Buch u. Bibliothek Vol 42, No 3, 1990. p.217-218
The answer concerns the "Replik" of F.Geibelmann in Buch u. Bibliothek, 90-1, p.23-. Hartwig wanted to direct attention to new possibilities of concept standardization and structuring as can be found in encyclopedias.

2-477 485 SWD
Kelm, B.; Kunz, M.: Überlegungen zur Begrenzung des Wachstums der Schlagwortnormdatei (SWD). (Considering a limitation in the growth of the Standard Subject File (SWD)) Orig.de. Dialog mit Bibliotheken Vol 2, No 2, 1990. p.32-35

2-478 485 SWD
Ribbert, U.: Terminologiekontrolle in der Schlagwortnormdatei. (Terminology control in the Standard Subject File) Orig.de. Hamburg, DE: Fachhochschule. FB Bibliothekswesen. Diplom-Arbeit (Thesis) 1988/89.

2-479 485 SWD
Stephan, W.: Die Schlagwortnormdatei (SWD): eine kooperativ geführte Datei im Dienstleistungsangebot der Deutschen Bibliothek. (The Standard Subject File (SWD): a cooperatively managed file of the German Library Information Services) Orig.de. Dialog mit Bibliotheken Vol 1, No 2, 1989. p.25-27

2-480 487 IPC
Belov, V.V.; Makarov, M.A.; Pavlutin, V.A.: "Introduction to the IPC" - the main guide to the classification of patent documents. Orig.ru. Vopr.izobretatel'stva, No 4, 1990. p.36-39

2-481 487
Belov, V.V.; Makarov, M.A.; Tsikunova, L.A.: The IPC revision procedure and the coming into force of the 5th edition. Orig.ru. Vopr.izobretatel'stva, No 12, 1989. p.19-23

2-482 487.753 IPC
Kaltenbach, M.; Turner, W.A.; Lavelle, F.: Lexitran-mediated access to patent databases. Orig.en. J.Inform.Sci., Principles & Practice Vol 17, No 1, 1991. p.13-20, 13 refs.

2-483 487
Vijvers, W.G.: The International Patent Classification as a search tool. Orig.en. World Patent Inform. Vol 12, No 1, 1990. p.26-30, 8 refs.

2-484 487
Belova, N.V.: Searching in France's patent file. Orig. ru. Vopr.izobretatel'stva, No 4, 1990. p.42-46

2-485 487.751
Chelkak, G.P.: Searching in the US Patent Collection. Orig.ru. Vopr.izobretatel'stva, No 11, 1989. p.34-39, 3 refs.

2-487 489
Mooney, M.T.: Matching library holdings against GPO tapes: issues, concerns, and solutions (using SuDoc class numbers: experience of University of California, Riverside). Orig.en. Gov.Publ.Rev. Vol 17, 1990. p.421-428

5 ON SPECIAL OBJECTS CS

52 On Special Taxonomies in the Matter and Energy Area 2

2-488 5232
Beloozerov, V.N.; Nosikov, S.M.: An evolutionary approach to the development of an indexing language for data retrieval. Orig.ru. In: Tez.dokl.Vses.soveshch.spets.v obl.nauch.-tekhn.inf. po probl.sozdaniya i ispol'z.faktograf.baz dannyh, Moskva, 19-21 dek.1989. Moskva, SU 1989. p.126-129

53 Cosmos and Earth Area 3

2-489 5334
Wieser, E.: Informationssysteme - begrifflicher und methodischer Bezugsrahmen. (Information systems - conceptual and methodical frame) Orig.de. Z.Vermessungswesen 115(1990)No 6, p.233-246, 35 refs.

54 Bio Area 4

2-490 5422
Michelot, D.; El Alami, D.; Dutheil, C.; Doré, J.-C.: Essai de typologie des différentes classes de champignons supérieurs sur la base de leurs caractéristiques pharmacotoxicologiques. (Attempt at a typology of different classes of champignons on the basis of their pharmacotoxicological characteristics) Orig.fr. Documentaliste Vol 28, No 2, 1991. p.82-118

2-491 5437; 225
Schmidt, Bettina: Eine Prolog-Realisierung einer Facettenklassifikation am Beispiel von Arzneipflanzen. (A Prolog-realization of a faceted classification system exemplified by pharmacological plants) Orig.de. Hannover, DE: Fachhochschule. Dipl. Arbeit (Thesis) 1989. 71,35 p.

57 Economics and Production Area 7

2-492 576
Ojala, M.: SIC codes revisited: Dun's goes marching two by two. Orig.en. Online Vol 13, No 6, 1989. p.84-89

58 Science and Information Area 8

2-492a 58254
Akilina, M.I.: Towards a classification of libraries. Orig.ru. Nauch.i techn.8iblioteki SSSR, No 12, 1989. p.3-9, 12 refs.

2-493 5834
Guo, Y.K.; Lock, H.C.R.: A classification scheme for declarative programming languages. Syntax, semantics and operational modes. Orig.en. St.Augustin, DE: Ges.f.Mathematik u.Datenverarb. 1990. 80p., refs.

2-494 5834
Hildebrand, K.: Klassifizierung von Software Tools. (Classification of software tools) Orig.de. Wirtschaftsinformatik Vol 33, No 1, 1991. p.13-25, 20 refs.

2-495 5834
Pashkina, N.L.: A classification of distributed database management systems. Orig.ru. In: O-vo "Znanie" PSFSR. Leningr.dom nauch.-tekhn.prop.. Leningrad, SU 1990. p.48-51

59 Culture/Humanities Area 9

2-496 593
Müller-Benedikt, M.: SMM-REvision, Teil 2: Ergänzende Bemerkungen zum Entwurf einer revidierten Fassung der Systematik des Musikschritztums, abgedr.in FM 1990, 1, p.33-49. (Supplement-

ing remarks on the design of a revised version of the system of music documents as printed in FM 1990-1, p.33-49) Orig. de. Forum Musikbibliothek, No 2, 1990. p.95-104

6 ON SPECIAL SUBJECTS CS & T

62 On CS & T in the Energy and Matter Area

2-497 626.23
Dzhilkibaeva, G.M.: Developing a local subject authority to step up the information support of research projects in the Kazakh Academy of Sciences Institute of Chemical Sciences. Orig.ru. Izv.AN Kazakhskoj SSR. Ser.khim., No 5, 1989. p.85-91, 15 refs.

63 On CS & T in the Cosmos and Earth Area 3

2-498 631.231
Zucoli, P.: Un tesoro di astronomia e astrofisica. (A thesaurus of astronomy and astrophysics) Orig.it. Boll.d'Inform. Vol 30, No 1, 1990. p.35-38

64 On CS & T in the Bio Area 4

See also 2-083, 2-145, 2-148

2-499 6416
Dao Thi Quy: The methodology of construction of the information retrieval language for a special information system. Orig.pl. Zagadnienia Inform.Naukowej Vol 2, No 55, 1989. p.119-153, 20 refs.
Summary of a PhD thesis which present the methodology of construction of the information language on technology of enzyme specimens.

2-500 649
Andreeva, E.V.; Ryzhin, E.P.: Classification of knowledge pertaining to the environment: method of its composition and structure. Orig.ru. Nauch.-tekhn.inform., Ser.1, No 10, 1989. p.16-20

65 On CS & T in the Human Area 5

2-501 651/4
Hosoe, T.; Sakagami, Y.; Kawano, K.: Addition of Japanese terms to MEDLINE file-service through JOIS-III. Orig.ja. Joho kanri: (J.Inf.Process.& Management) Vol 32, No 11, 1990. p.981-1001

2-502 651/4
Hultsch, E.; Heyen, P.: Bedeutung von SNOMED in der Medizinischen Dokumentation. (The significance of SNOMED in medical documentation) Orig.de. Praxis Med.Dokumentation Vol 11, No 1, 1991. p.6-9, 8 refs.

2-503 651/4
Morales, A.M.; Montilla, A.M.G.; Lopez, L.M.A.; Fernandez, E.P.; Salvador, J.A.: Proposal of codification of diseases, drugs, techniques and medical related subjects used in biomedical libraries. Orig.es. Rev.Espanola de Doc.Scient. Vol 13, No 1, 1990. p.551-561, 10 refs.

2-504 652
Shadrina, N.A.; Vovk, L.P.: Reflecting documents about re-building healthcare in the subject catalogue of medical libraries. Orig.ru. Nauch.i tekhn.Bibl.SSSR, No 6, 1989. p.22-23

2-505 653
Berg-Schorn, E.: Basiswissen ICD-9 für Morbiditätsstatistiken. (Essentials of ICD-9 for morbidity statistics) Orig. de. Köln, DE: Kohlhammer 1989. 69p., refs.

2-506 65384
Bogliolo, A.; Robert, E.: Classifying and indexing systems: choices to improve the dynamics of research. Orig.it. L'Indicizzazione Vol 3, No 1, 1988. p.79-90
The study was undertaken at the National Institute for Research on Cancer, Genoa.

2-507 655
Knight, N.H.: PsycINFO update. Orig.en. In: Online/CD-ROM '90 Conference Proc. Weston, CT: Online, Inc. 1990. p.101-105
The addition of the Thesaurus of Psychol.Index terms is examined at PsycINFO's file reload on DIALOG and BRS.

2-508 656
Zaprudskij, B.S.: The role of an experimental disciplinary database in designing the lingware for an international computerised educational science information system. Orig. ru. In: L'inv.i inform.obespech.avtomatizir.sistemy nauch.-ped.inform. Moskva, SU 1989. p.25-33

2-509 656.753
Guilbeault-Chong, D.; Nicolson, L.: Making learning materials accessible. Orig.en. Canadian J.of Inform.Sci. Vol 14, No 4, 1989. p.44-55, 10 refs.

2-510 6598
Doucet, M.; Filon, R.; Garon, D.: Classification and analysis of collections of game objects using the ESAR system: A research report. Orig.fr. Doc.et bibl. Vol 35, No 4, 1989. p.173-185

66 On CS & T in the Socio Area 6

2-511 66; 6812
Celková, L.: The MISON computerized information system lingware (MISON Subject Authority). Orig.sk. Inform.bull./UK.IC.SAV Vol 19, No 2, 1988. p.42-51

2-512 661
Owen, T.M.: Sociological Abstracts, Inc.: update. Orig.en. In: Online/CD-ROM'90 Conf.Proc. Weston, CT: Online, Inc. 1990. p.129-131
The three databases produced by Sociological Abstracts, Inc. are identified as: Sociological Abstracts, International Review of Publications in Sociology, and Social Planning/Policy & Development Abstracts. Sociofile, a CD-ROM product is introduced. The Thesaurus of Sociological Indexing Terms is applied.

2-513 662
McNitt, W.H.: Development of the PRESNET subject descriptor thesaurus. Orig.en. Amer.Archiv. Vol 52, No 3, 1989. p.358-364
PRESNET = Presidential Libraries Information Netrioste.

2-514 6652
Janik, S.: Etudes terminologiques et linguistiques. (The terminology of the Thesaurus: Handicapped) Orig.fr. Meta Vol 34, No 4, 1989. p.745-752

2-515 66768-85.23
Roux, P.J.A.; Rykheer, J.H.: Developing a South African master thesaurus for community information. Orig.en. South African J. Libr.& Inform.Sci. Vol 58, No 2, 1990. p.174-179, 13 refs.

2-516 668
Cotter, G.A.; Blados, W.R.: Terminology strategies for international information exchange. Orig.en. Springfield, VA: NTIS 1989. 13p., AD-A214 147/1/HCW

67 On CS & T in the Econ. & Production Area 7

2-519 676
Bukumirovic, S.: Harmonisation of classifications, nomenclatures and identifications for good and services, and activities to solve these problems in Yugoslavia. Orig.en. Int.Forum Inform.& Doc. Vol 16, No 1, 1991. p.18-21, 6 refs.

2-520 676
Vischer, J.: Beschreibung und Analyse ausgewählter Warenklassifikationen. (Description and analysis of selected commodity classification systems) Orig.de. Hamburg, DE: Fachhochschule. FB Bibliothekswesen. Diplom-Arbeit (Thesis) 1988/89.

2-521 676.222
Hölzl, J.: (Book review of) Meinl, F.: Sachmerkmale, Schlüssel zur technischen Gestaltung, Beschreibung und Information. Ehningen: Expert Verlag 1990. 374p. Orig.en. Int.Classif. Vol 17, No 3-4 1990. p.184-185

2-522 6765
Boudet Herrera, A.H.; Ramon, P.C.: The Spanish version of the Textile Thesaurus. Pt.1: Development. Orig.es. Rev.cienc.y tecn. Vol 6, No 14, 1989. p.69-73, 75, 6 refs.

68 On CS & T in the Science & Inform. Area 8

2-523 682
Chmielewska-Gorczyca, E.: Thesaurus of information science. Orig.pl. Zagadnienia Inform.Naukowej Vol 2, No 55, 1989. p.51-95

2-524 682
Crueger, I.: Literaturdatenbank INFODATA. Die Datenbank zum Fachgebiet Informationswissenschaft und -praxis. (INFODATA - the bibliographic database in the field of information science and information work) Orig.de. Frankfurt/Main: Fachinformationszentrum Technik 1991. 74p., 15 refs., FIZ-Technik Schriftenreihe 3
Description - among others - of the INFODATA search aids (descriptor list, subject order, and periodicals list).

2-525 682.237
Farnesi, T.; Zosi, P.: Uno strumento di lavoro per la realizzazione di un thesaurus. (Tools for the creation of a thesaurus) Orig.it. L'Indicizzazione Vol 5, No 1, 1990. p.28-37

2-526 6824
Rasch, M.; Boll, K.: "THEOBALD" - ein EDV-gestützter Thesaurus für das Archiv. Überlegungen zu Aufbau und Organisation eines entsprechenden DV-Programms. (THEOBALD - a computer-aided archives thesaurus). Orig.de. Archiv u.Wirtschaft Vol 23, No 3, 1990. p.105-111, 3 refs.

69 On CS & T in the Humanities Area 9

See also 2-392, 2-394, 2-538

2-528 692
ALCTS approves subject headings for individual works of fiction and drama, three strikes and you're in. Orig.en. Library J. Vol 115, May 15 1990. p.12

2-529 694
Petersen, C.: Information on images. The Art and Architecture Thesaurus as a front end for retrieval. Orig.en. In: Nixon, C. Padgett, L. (Eds.): National Online Meeting. Proc.10th Natl.Online Meeting, New York, May 9-11, 1989. Medford, NJ: Learned Inform., Inc. 1989. p.335-341, 6 refs.

2-531 694
Heusinger, L.: Marburger Informations-, Dokumentations- und Administrations-System (MIDAS), Handbuch. (MIDAS - a system for information, documentation, and data administration in the field of art and culture) Orig.de. München, DE: Saur 1989. 580p.

2-532 696
Serebryannikova, T.O.; Lachev, N.Yu.; Kazantseva, M.I.; Litvinova N.N.; Mukhina, E.N.; Sachkova, Z.M.: Subject headings lists for subject indexing: a case study of the "Culture" sector. Orig.ru. Sbornik nauch.tr./Leningr.Gos.Inst.Kul'tury, No 125, 1988. p.106-114

2-533 6976.232
Wimmer, F.M.: Entwurf eines Klassifikationsschemas für philosophische Positionen. (Design of a classification scheme for philosophical positions) Orig.de. Conceptus Vol 24, No 62, 1990. p.33-47

2-534 6977.232
Tomaschitz, W.: Über den Versuch einer philosophiegeschichtlichen Klassifikation der Lehre Nagarjunas. Orig.de. Conceptus Vol 24, No 62, 1990. p.49-71, 23 refs.

7 CLASSIFICAT. AND LANGUAGE

71 General Problems of Natural Language

See also 2-008

2-535 711.08
Kolshanskij, G.V.: The objective picture of the world in cognition and language. Orig.ru. Moskva, SU: Nauka 1990. 105p.

714 Semiotics
See also 2-038

2-536 714.08
Dines, J.J.: Zeichen, Text, Semiose und Kontext: Hjelmslev und Peirce. (Sign, text, semiosis and context: Hjelmslev and Peirce) Orig.de. Z.Semiotik 11(1989)No 4, p.339-351, 3 refs.

2-537 714.08
Polyakov, I.V.: Sign systems in the social and cognitive processes. Orig.ru. Novosibirsk, SU: Nauka 1990. 157p.
This collection of scientific work contains in its part 1 on Logico-methodological problems of the analysis of sign-systems altogether 6 papers and in its part 2 on "Sign systems: functioning processes" altogether 5 papers.

715 Artificial Intelligence
See also 2-008

2-538 715; 328-969
Gardin, J.-C.: Artificial intelligence and the future of semiotics: An archaeological perspective. Orig.en. Semiotica Vol 77, No 1-3, 1989. p.5-26, 77 refs.
AI modelling should be oriented towards some specific application in some knowledge field (here archaeology). The author considers the creation of comprehensive models useless at the present stage of AI research.

2-539 715.08
Pospelov, D.; Semenov, N.A.: Artificial intelligence as the basis of the new information technology: Collected papers. Orig.ru. Kalinin, SU 1990. 116p.

72 Semantics

2-540 72.06
Chanysheva, Z.Z.(Ed.): Semantics of language and speech units: Proceedings of an intercollegiate regional conference. Orig.ru. Ufa, SU 1990. 106p.

2-541 721.08
Isengalieva, V.A.: Semantic studies: Collected works. Orig.ru. Alma-Ata: Kaz.Gos.Universitet 1989. 96p.

2-542 721
 Tsujia Gun-ichi: Natural language understanding - its history and future prospects. Orig.Ja. Joho shori Vol 30, No 10, 1989. p.1142-1149, 4 refs.
 The issue No.10 is devoted to problems of natural language understanding. Here are the following articles: 2-543 Anzai Jui-chiro; Kamioka Jaro: Mechanisms for natural language understanding. - 2-544 Nomura Hiroto: Mechanisms for natural language understanding: Representation of understanding. - 2-545 Katagiri Yasuhiro: Models of contextual processing in natural language understanding. - 2-546 Muraki Kazunori: The significance of context analysis in natural language understanding. - 2-547 Hizawa Teruaki: Understanding intentions. - 2-548 Ukita Teruhiko; Kinoshita Satoshi: Knowledge representation and reasoning for natural language understanding - knowledge representation. - 2-549 Nishida Toyooki: Knowledge representation and reasoning for natural language understanding. - 2-550 Sugimura Ryoichi; Hasida Koity; Tanaka Yuichi: Duals - an experimental system for discourse understanding.

2-551 721
 Sulejmenova, E.D.: The concept of meaning in present-day linguistics. Orig.ru. Alma-Ata: Mekter 1989. 160p.

2-552 721
 Vignaux, G.: Semantic domains and cognitive processes. Orig.en. Semiotica Vol 77, No 1-3, 1989. p.163-171, 12 refs.

2-553 723
 Huang Xiangxi: Analysis and processing of word connectives in Chinese. Orig.cn. Qingbao kexue (Inform.Sci.) Vol 9, No 5, 1988. p.28-35

2-554 723
 Stockinger, P.: A conceptual theory of state changes. Orig.en. Semiotica Vol 77, No 1-3, 1989. p.137-150, 38 refs.

2-555 724.08
 Leonova, L.P.(Ed.): Formal and semantic aspects of the word: Collected papers. Orig.ru. Kalinin, SU: Kalin.Gos.Universitet 1989. 128p.

2-556 725
 Shan-Hwei Nienhuys-Cheng: Classification and syntax of constraints in binary semantical networks. Orig.en. Inform.Syst. Vol 15, No 5, 1990. p.497-513, 7 refs.

2-557 725; 6722
 Suelow, K.; Cordes, R.; Sell, I.; Kirchner, J.H.: Interaktive Handhabung eines relationalen Netzes für die Begriffswelt der Ergonomie. (Interactive handling of a relational network for ergonomic terms and knowledge) Orig.de. Wirtschaftsinformatik Vol 32, No 4, 1990. p.337-344, 15 refs.

2-558 726
 Dillon, A.; MacKnight, C.: Toward a classification of text types. A repertory grid approach. Orig.en. Int.J.Man-Machine Studies Vol 33, No 6, 1990. p.623-636, 22 refs.

2-559 726
 Jimenez-Guarin, C.-L.: Opérations d'accès par le contenu à une base de documents textuels: application à un environnement de bureau. (Contents-related access operations in a textual data base: applications in an office environment) Orig.fr. Grenoble, FR: Institut National Polytechnique de Grenoble. Doctoral Thesis: Informatique: INPG 1989

2-560 726
 Muskhelishvili, N.L.; Shrejder, Yu.A.: Insight versus understanding. Orig.ru. Uch.zap.Tart.gas.universiteta, No 855, 1989. p.3-17, 10 refs.

73 Automatic Language Processing

See also 2-225, 2-321

2-561 734
 Schwarz, C.: Automatic syntactic analysis of free text. Orig.en. J.Amer.Soc.Inform.Sci. Vol 41, No 6, 1990. p.408-417, refs.

2-562 736
 Craven, T.C.: Condensed representation of sentences in graphic displays of text structures. Orig.en. J.Doc. Vol 46, No 4, 1990. p.339-352, 24 refs.
 How can sentences be represented briefly but informatively in graphic displays of a sentence dependency structure? "Speed-writing" of words and two other automatic notemaking-like techniques have been implemented in TEXNET system.

2-563 736.08
 Kretzenbacher, H.L.: Rekapitulation. Textstrategien der Zusammenfassung von wissenschaftlichen Fachtexten. (Recapitulation. Text strategies to summarize scientific technical texts) Orig.de. Tübingen, DE: Narr 1990. 185p., refs.

2-564 738-417
 Pavlovskaja, E.: Early identification of development trends in science. Orig.en. Int.Forum Inform.& Doc. Vol 16, No 1, 1991. p.28-33, 14 refs.
 The work is based on an analysis of dynamic characteristics of occurrence frequencies for one-word terms and word combinations in document texts. Field of application: biotechnology.

74 Grammar Problems

See also 2-239

2-565 741.08
 Hoppe, Alfred: Grundzüge der Kommunikativen Grammatik, Teil II: Theorie der semantischen Syntax: Feste Fügungen. (Basics of the Communicative Grammar. Pt.2: Theory of semantic syntax: solid structures) Orig.de. Bonn, DE: F.Dümlers Verlag 1991. 135p., Dümmlerbuch 8379

The book contains the following 14 chapters: 1 The contents-related order of language. 2 Correlation. 3 Inductions. 4 Examples for inductions and inferences. 5 Classifications. 6 The semantic roles exemplified by a coded structure class (GFCK). 7 Diatheme and Diapheme. 8 The semantic structure of processes. 9 Functions at the nodes of the reversible network. 10 Construction and results of the network with the specially developed graph (Hoppegraph). 11 The network of nodes, computation and free thinking. 12 Analogies of structures. Wholeness in language? and freedom of language-bound thinking. 13 The Logosemantikon. 14 Language and Computer. - Index with an introduction (p.129-135) explaining also the abbreviations of codes used.

2-566 743
 Haas, S.W.: A feasibility study of the case hierarchy model for the construction and porting of natural language interfaces. Orig.en. Inform.Process.& Management Vol 26, No 5, 1990. p.615-628, 14 refs.

75 Question-Answering Systems, Online Tech.

See also 2-160, 2-201, 2-241, 2-447, 2-482, 2-485, 2-509, 2-640

2-567 751
 Eberts, E.; Eberts, C.G.: Four approaches to human computer interaction. Orig.en. In: Intell.Interfaces: Theory, Res.and Des. Amsterdam, NL 1989. p.69-73, 116-27, 116 refs.
 In the same volume the following contributions can be found: 2-568 Polson, M.C.; Wickens, C.D.; Klapp, S.T.; Colle, H.A.: Human interactive informational processes. - 2-569 Jacob, R.J.K.: Direct manipulation in the intelligent interface. - 2-570 Elkerton, J.; Williges, R.C.: Dialogue design for intelligent interfaces. - 2-571 Myers, G.L.; Scerbo, M.W.; Limanowski, J.J.; Fisk, A.D.: Understanding and enhancing "Online" procedural documentation usage. - 2-572 Trollip, St.R.; Lippert, R.C.: Constructing knowledge bases: a process for instruction.

2-573 751
 Altenkrueger, D.E.: KBMS: Aspects, theory and implementation. Orig.en. Inform.Syst. Vol 15, No 1, 1990. p.1-7, 28 refs.

2-574 751
 Fischer, G.: Communication requirements for cooperative problem solving systems. Inform.Syst. 15(1990)No 1, p.21-36, 46 refs.

2-575 751
 Chen, H.; Dhar, V.: User misconceptions of information retrieval systems. Orig.en. Int.J.Man-Machine Studies Vol 32, No 6, 1990. p.673-692, 33 refs.

2-576 751
 Chignell, M.H.: A taxonomy of user interface terminology. Orig.en. SIGCHI Bull. Vol 21, No 4, 1990. p.27-34, 13 refs.

2-577 751
 Livchak, A.B.: Dissimilar relationships: the language of enquiries and the limitations of context. Orig.ru. Nauch.-tekhn.inform., Ser.2, No 12, 1989. p.17-18, 2 refs.

2-578 751; 124
 Reimer, U.; Schek, H.-J.: A frame-based knowledge representation model and its mapping to nested relations. Orig.en. Data and Knowledge Engg., No 4, 1989. p.321-352, 46 refs.

2-579 751
 Sernadas, C.; Fiadeiro, J.; Sernadas, A.: Modular construction of logic knowledge bases: an algebraic approach. Orig.en. Inform.Syst. Vol 15, No 1, 1990. p.37-59, 29 refs.

2-580 752.982
 Cochrane, P.A.: Subject access problems of different types of OPAC users; or, The double challenge. Orig.en. Technicalities, No 9, 1989. p.7-9

- 2-581 752
DeHart, F.E.; Matthews, K.: Subject enhancements and OPACS: planning ahead. Orig.en. Technical Services Quarterly Vol 7, No 4, 1990. p.35-52, 17 refs.
- 2-582 752.812
Geysler, E.P.: De gekoppelde openbaretoegangskatalogus: slegs 'n verbale oplossing vir 'n nie-verbale probleem? (The Online Public Access Catalogue: a verbal solution to a non-verbal problem?) Orig.af. Mousaion Vol 8, No 1, 1990. p.68-79, 18 refs.
- 2-583 752
Gomez, L.M.; Lochbaum, C.C.; Landauer, T.K.: All the right words. Finding what you want as a function of richness of indexing vocabulary. Orig.en. J.Amer.Soc.Inform.Sci. Vol 41, No 8, 1990. p.547-559, 22 refs.
- 2-584 752
Habel, C.; Pribbenow, S.: Frage-Antwort-Systeme. Übersicht über Konzeptionen, Leistungsumfang und Entwicklungsperspektiven. (Question-answering systems. A survey of models, performance and trends) Orig.de. In: Batori, I.S. et al: Computerlinguistik; Berlin, De.: de Gruyter 1989. p.708-722, 7 refs.
- 2-585 752.982
Hancock-Beaulieu, M.: Evaluating the impact of an online library catalogue on subject searching behaviour at the catalogue and at the shelves. Orig.en. J.Doc. Vol 46, No 4, 1990. p.318-337, 25 refs.
- 2-586 752.982; 448.756
Larson, R. R.: The decline of subject searching. Long-term trends and patterns of index use in an online catalog. Orig.en. J.Amer.Soc.Inform.Sci. Vol 42, No 3, 1991. p.197-215, refs.
- 2-587 752.982
Pienaar, R.E.: Enhancement of subject access in online public access catalogues (OPACS). Orig.en. S.Afr.J.Libr.& Inform.Sci. Vol 57, No 4, 1988, p.378-382, 13 refs.
- 2-588 752
Riesthuis, G.J.A.; Stuurman, P.: Tendensen in de onderwerpsontsluiting: (4) onderwerpsontsluiting en online catalogi. (Trends in subject analysis: (4) Subject analysis in online catalogues) Orig.nl. Open 22(1990)No 10, p.326-330, 29 refs.
- 2-589 752.812; 982
Schulz, U.: Einige Aspekte zukünftiger Inhaltserschließung und Online-Benutzerkataloge. (Some aspects of subject indexing and online public access catalogues) Orig.de. Bibliothek. Forsch. Praxis Vol 14, No 3, 1990. p.226-234
- 2-590 752.812; 982
Trinkhaus, M.: Möglichkeiten und Aspekte des sachlichen Zugriffs in Online-Katalogen. (Subject searching in online catalogues. Problems and changes) Orig.de. Bibliothek. Forsch.u. Praxis Vol 14, No 3, 1990. p.193-225
- 2-591 752.08
Ushakova, T.M.; Pavlova, N.D.; Zachesova, I.A.: Man's speech in communication. Orig.ru. Moskva: Nauka 1989. 191p., 306 refs. Discusses speech as the object of psychological study, speech semantics and speech communication in man-machine interaction. Index.
- 2-592 753
Harman, D.; Candela, G.: Retrieving records from a gigabyte of text on a minicomputer using statistical ranking. Orig.en. J.Amer.Soc.Inform.Sci. Vol 41, No 8, 1990. p.581-589, 26 refs.
- 2-593 753
Heine, M.H.; Tague, S.M.: An investigation of the optimization of search logic for the MEDLINE database. Orig.en. J.Amer.Soc.Inform.Sci. Vol 42, No 4, 1991. p.267-278, 17 refs.
- 2-594 753
Houda, A.: Le raisonnement du juriste à recherche. (The legal expert's reasoning during a search) Orig.fr. Can J.Inform.Sci. Vol 14, No 4, 1989. p.16-43
- 2-595 753; 243
Kuck, Sh.; John, R.; Lewe, A.; Najork, M.: Roles and their role in posing recursive queries. Orig.en. Inform.Syst. Vol 15, No 2, 1990. p.173-186, 38 refs.
- 2-597 753
Laenens, E.; Staes, F.; Vermeir, D.: Browsing à la carte in object-oriented databases. Orig.en. Comput.J. Vol 4, No 4, 1989. p.333-340, 12 refs.
- 2-597 753
Til'chin, O.T.; Serikov, A.F.; Chubuk, V.V.: Effective search tools for the RASUNT database. Orig.ru. In: Intellektualizatsiya inf.avtomatizir.sistem. Kiev, SU 1989. p.97-103, 5 refs.
- 2-598 753
Wong, S.K.M.; Yao, Y.Y.: Query formulation in linear retrieval models. Orig.en. J.Amer.Soc.Inform.Sci. Vol 41, No 5, 1990. p.334-341, 20 refs.
- 2-599 754
Basch, R.: Databank software for the 1990s and beyond - Part 1: The users' wish list. Online Vol 14, No 2, 1990. p.17-20; 22-4
- 2-600 754
Karagiannis, D.; Salzmann, W.: SML: Symbolic Manipulation Language. A graphic-oriented language for the description of a logic interpreter. Orig.en. Inform.Syst. Vol 15, No 1, 1990. p.117-135, 13 refs.
- 2-601 755.87
Rorvig, M.E.: Intellectual access to graphic information. Orig.en. Library Trends Vol 38, No 4, 1990. p.639-836
The issue contains an introduction by Mark E.Rorvig and the following nine papers on the topic of the title: 2-602 Petersen, T.: Developing a new thesaurus for art and architecture. 2-604 Keefe, J.M.: The image as document: descriptive programs at RPI. - 2-605 Seloff, G.A.: Automated access to the NASA-JSC Image Archives. - 2-606 Lunin, L.F.: Descriptive challenges of fiber art. - 2-607 Thiele, H.E.Jr.: Heraldry and Blazon: Graphic-based information language. - 2-608 Stone, G.; Sylvain, Ph.: ArchiVISTA: A new horizon in providing access to visual records of the National Archives of Canada. - 2-609 Walker, F. L.; Thoma, G.R.: Access techniques for document image databases. 2-610 Besser, H.: Visual access to visual images: The UC Berkeley Image Database Project. - 2-611 Beazley, W.G.: Impact of CALS on electronic publishing systems and users.
- 756 Use of Thesauri and CS in Online Techniques
See also 2-279, 2-381, 2-433
- 2-612 756.42
Buxton, A.B.: Computer searching of UDC numbers. Orig. en. J.Doc. Vol 46, No 3, 1990. p.535-542, 21 refs.
- 2-613 756
Chan, L.M.: Subject analysis tools online: the challenge ahead. Inform.Technol.& Libr. Vol 9, No 3, 1990. p.258-262, 10 refs.
- 2-614 756.448
Studwell, W.E.: Retrieving LC subject headings: long chains versus an increased number of headings. Orig.en. Technicalities, No 9, 1989. p.8-9
- 2-615 756
Anfinn, N.: Klassemaerker online. (Online class marks) Orig.dk. DF-REVY Vol 12, No 8, 1989. p.183-189, 14 refs.
- 2-616 756
Gödert, W.: Facet classification in online retrieval. Orig.en. Int.Classif. Vol 18, No 2, 1991. p.98-109, 20 refs.
- 2-617 756
Gomez, F.; Segami, C.: Classification-based inferences in retrieving information from a database of scientific facts. Orig.en. In: Proc.5th Conf.Artif.Intell.Appl., Miami, Fla, March 6-10, 1989. Washington, DC 1989. p.76-81, 12 refs.
- 2-618 756
Guo Jun: Displaying a descriptor language on the screen. Orig.ch. Qingbao kexue (Inform.Sci.) Vol 9, No 1, 1988. p.47-54
- 2-619 756
Kim, Y.W.; Kim, J.H.: A model of knowledge-based information retrieval with a hierarchical concept graph. Orig.en. J.Doc. Vol 46, No 2, 1990. p.113-136, 25 refs.
- 2-620 756; 82-76
Lutes-Schaab, B.: An online thesaurus for fact retrieval from relational databases. Orig.en. Darmstadt, DE: Ges.f.Math.u.Datenverarb. 1990. 12p., 15 refs., Arb.Papiere d.GMD 472
- 2-621 756.132
Rajkov, A.N.: The algebraic semantics of Boolean document searching. Orig.ru. Nauch.-tekhn.inform., Ser.2, No 5, 1990. p.26-29, 11 refs.
- 2-622 756
Masayuki Senga: Subjects and searching: basic knowledge for subject searching of J-BISC 3. Orig.ja. Toshokan Zasshi Vol 83 No 8, 1989. p.479-482, 4 refs.
- 2-623 756.356
Pollard, R.: Hypertext presentation of thesauri used in online searching. Orig.en. Electronic Publishing, Origination, Dissemination & Design Vol 3, No 3, 1990. p.155-172, 31 refs.
- 2-624 7568-51/4
Renford, B.L.: MESH and the quality of searching. Orig.en. DLA Bull. Vol 9, No 3, 1989. p.3-5

- 2-626 756
Sang Guoquan: Study of a retrieval system with a post-controlled thesaurus. Orig.ch. Qingbao kexue (Inform.Sci.) Vol 9, No 2, 1988. p.42-50
- 2-627 756
Zaretski, D.A.: A method for automatic expansion of search queries. Orig.ru. Vopr.inform.teoriya i prakt., No 58, 1989. p.59-66, 6 refs.
- 2-628 7568-76
Hoppe, H.U.; Ammersbach, K.; Lutes-Schaab, B.; Zinssmeister, G.: EXPRESS: an experimental interface for factual information retrieval. Orig.en. St.Augustin, DE: Ges.f.Math.u.Datenverarb. 1990. 24p., 27 refs., Arb.papiere d.GMD 465
- 757 Expert Systems**
See also 2-198, 2-435
- 2-629 757; 124; 243
Guangzheng Yang: On the knowledge-based pattern recognition using a syntactic approach. Orig.en. Pattern Recognition Vol 24, No 3, 1991. p.185-193, 12 refs.
- 2-630 757
Kerschberg, L.: Expert database systems: Knowledge/Data management environments for intelligent information systems. Orig.en Inform.Syst. Vol 15, No 1, 1990. p.151-160, 42 refs.
- 2-631 759
Walker, St.; DeVere, R.: Improving subject retrieval in online catalogues. 2. Relevance feedback and query expansion. Orig.en London, GB: British Library. Research & Development Dept. 1990 115p., refs., Research Paper 72
- 76 Lexicon/Dictionary Problems**
See also 2-008, 2-044, 2-085
- 2-632 762; 763
Stern, I.B.: Metastructure in a multi-functional base of encyclopedic knowledge. Orig.ru. In: Mezhdunar.semin.po mashin.perevodu "EVM i perevod 89", Tbilisi, 27 noyab.-2 dek.1989: Tez.dokl. Moskva, SU 1989. p.326-327
- 2-633 763
Reumert-Kazès, A.; Schuer, M.: Création de deux dictionnaires bilingues spécialisés - une méthodologie. (Creation of two bilingual specialized dictionaries - a methodology) Orig. fr. Terminol.et Traduct., No 3, 1990. p.225-244
- 2-634 763; 773
Riggs, F.W.: Nomenclators: a new kind of information service. Orig.en. Int.Classif. Vol 18, No 2, 1991. p.110-121, 22 refs. The onomantic method supplements established semantic methods by helping writers determine whether or not any given concept already has been used in the literature; if it has, the terms in use are identified and citations to the relevant literature are provided.
- 2-635 765
Abramova, N.N.; Belonogov, G.G.; Globus, E.I.; Kuznetsova, B.A.; Pozdnyak, M.V.: The core machine polysubject dictionary of key-words and phrases in the natural and technical sciences. Orig.ru. Vopr.inform.teorii i prakt., No 58, 1989. p.23-27, 2 refs.
- 2-636 765
Stariznyj, A.E.; Timoshenko, A.I.; Khoroshilov, A.: A machine poly-subject dictionary of the English language. Orig.ru. Vopr.inform.teorii i prakt., No 58, 1989. p.101-108
- 2-637 765
Lenders, W.: Gebrauchswörterbücher und maschinelle Wörterbücher Perspektiven der maschinellen Lexikographie. (Dictionaries for use and automatic dictionaries. Perspectives of computerized lexicography) Orig.de. Muttersprache 100(1990)No 2-3, p.211-214 2 refs.
- 2-638 766
Yu, Y.: Aufbau einer mehrsprachigen Terminologie-Datenbank mit der chinesischen Sprache als Ziel- und Quellsprache. (Development of a multilingual terminology database in Chinese) Orig.de. St.Augustin, DE: Ges.f.Mathematik u.Datenverarb. 1989. 241p., refs., Arb.papiere d.GMD 410
- 2-639 7668-746
Rukhadze, V.A.; Titov, V.A.; Zlobinskaya, G.I.: Computerized four-language term databank on instrument making. Orig.ru. In: Mezhdunar.semin.po mashin.perevodu "EVM i perevod 89", Tbilisi 27 noyab.-2 dek.1989: Tez.dokl. Moskva, SU 1989. p.263-265
- 2-640 767-753
Slator, B.M.: Extracting lexical knowledge from dictionary text Orig.en. Knowledge Acquisition 1(1989)No 1, p.89-112, 59 refs.
- 2-641 7678-787
Efremov, I.A.; Tumanova, N.P.: A computer-aided procedure of maintaining a term dictionary of a factual databank using a microcomputer. Orig.ru. Tez.dokl.Vses.sovershch.spets.v obl.nauch.-tekhn.inform.po probl.sozdaniya i ispol'z.faktograf.baz dannykh, Moskva, 19-21 dek. 1989. Moskva, SU 1989. p.111-112
- 2-642 768-416
Zigins, E.A.; Efremenko, I.L.; Gavrilo, V.I.; Khoroshilov, A.: A computer bio-chemical dictionary. Orig.ru. Vopr.inform.teorii i prakt., No 58, 1989. p.121-129, 3 refs.
- 2-643 768-743
Vojtkovskaya, L.S.: Lexico-grammatical features of an MT-oriented terminological dictionary on machine-building. Orig.ru. In: Mezhdunar.semin.po mashin.perevodu "EVM i perevod 89", Tbilisi, 27 noyab.-2 dek. 1989: Tez.dokl. Moskva 1989. p.54-56
- 2-644 768-82
Mahova, S.; Minihofer, O.: Early dictionaries generated by the Czech term databank. Orig.ru. In: Mezhdunar.semin.po mashin.perevodu "EVM i perevod 89", Tbilisi, 27 noyab.-2 dek. 1989: Tez.dokl. Moskva, SU 1989. p.208-210
- 77 General Problems of Terminology**
See also 2-039, 2-040, 2-047-082, 2-142, 2-154, 2-156, 2-159, 2-634
- 2-645 77-99
Favre, Ch.J.: International standardization work in terms and terminology. Orig.en. Terminol. & Traduct., No 1, 1990. p.7-22 9 refs. Annex: List of the relevant ISO Standards.
- 2-646 77-99
Galinski, C.; Nedobity, W.: International terminology standardization. Orig.en. Terminol.& Traduct., No 1, 1990. p.23-34 Report on ISO/TC37, including its standards, its history and its future, as well as addresses, and members.
- 2-647 77-99
Naz, R.: Importancia de la terminología en la normalización. (The importance of terminology in standardization) Orig.es. Terminol.& Traduct., No 1, 1990. p.81-86
- 2-648 771
Eisele, H.: Terminologist-typical frustrations. Orig.en. Int.Classif. Vol 18, No 1, 1991. p.39-40 English version of a paper presented in French at the Trier TKE'90 Congress, together with the discussion questions and answers.
- 2-649 771
Sager, J.C.; Nkwenti-Azeh, B.: Terminological problems involved in the process of exchange of new technology between developing and developed countries. Orig.en. In: Reports and Papers in the Social Sciences, No 59, 1989. p.1-37
- 2-650 771-08
Superanskaya, A.V.; Podol'skaya, N.V.; Vasil'eva, N.V.: General terminology: Theoretical issues. Orig.ru. Moskva, SU: Nauka 1989. 246p.
- 2-651 773-793
Stock, M.; Stock, W.G.: Literaturnachweis- und Terminologiedatenbank. Die Erfassung von Fachliteratur und Fachterminologie eines Fachgebiets in einer kombinierten Datenbank. (Bibliographical and terminology database. The input of both references to literature and terms of a subject field into a combined database) Orig.de. Nachr.Ook. 42(1991)No 1, p.35-41, 7 refs.
- 2-652 7734
Bessé, B.de; Pulitano, D.: Les logiciels de gestion de la terminologie. (Software for the handling of terminology) Orig.fr. Terminol.& Traduct., No 3, 1990. p.131-140
- 2-653 7734
Henning, J.: Description du logiciel Microcéseau 4. (Description of the Microcéseau 4 software) Orig.fr. Terminol.& Traduct., No 3, 1990. p.163-168
- 2-654 774
Leichik, V.M.: Application of methods from basic and related sciences in studying terms and term systems. Orig.en. Int.Forum Inform.& Doc. Vol 15, No 3, 1990. p.22-28, 34 refs.
- 2-655 776
Study on the functions of terminology database systems. Orig.en. Int.Classif. Vol 18, No 1, 1991. p.38
- 2-656 776
Czap, H.: Richtlinien für Planung, Implementierung und Nutzung von terminologischen Datenbanken. (Guidelines for the planning, implementation and utilization of terminological databases)

- Orig.de. Terminol. & Traduct., No 3, 1990. p.25-30
Report on the state of discussions and the results of Working Group 2 "Construction of terminological databases" of the Association of Terminology and Knowledge Transfer.
- 2-657 776
Mayer, F.: Terminologieverwaltungssysteme für Übersetzer. Ergebnisse einer Untersuchung. (Terminology databases for translators. Results of a survey) Orig.de. Lebende Sprachen Vol 35, No 3, 1990. p.106-114, 13 refs.
- 2-658 776
Mayer, F.: Export und Import von Daten bei Terminologieverwaltungssystemen. (Export and import of data in terminology management systems) Orig.de. Terminol. & Traduct., No 3, 1990. p.31-38, 8 refs.
- 2-659 776.982
Mayer, R.: Benutzerschnittstelle für eine Terminologiedatenbank. (User interface for a terminology database) Orig.de. In: Endres-Niggemeyer, B. et al. (Eds.); Ges.f.Linguist.Datenverarb.; Interaktion u.Kommunik.mit dem Computer. Proc.Jahrestagung Ulm 8.-10.März 1989. Berlin, DE: Springer 1990. p.128-137, 8 refs.
- 2-660 776
Schaezen, C.de: Droits d'auteur et banques de terminologie. (The rights of the authors and terminology databases) Orig.fr. Terminol. & Traduct., No 3, 1990. p.195-198
- 2-661 776
Schaezen, C.de: Bilan de dictionnaires électroniques et gestionnaires de dictionnaires. Plus d'expertise, d'efficacité et de convivialité. (Electronic dictionaries and dictionary databases) Orig.fr. Terminol. & Traduct., No 3, 1990. p.83-94, 15 refs.
- 2-662 776
Schmitz, K.-D.: Rechnergestützte Terminologieverwaltung am Übersetzerarbeitsplatz. (Computer-supported terminology management at the translator's workstation) Orig.de. Terminol. & Traduct., No 3, 1990. p.7-23, 11 refs.
- 2-663 776
Shipton, J.: La création d'une banque de données terminologique. Quelques aspects pratiques de l'organisation d'un projet de banque de données terminologique dans une organisation de moyenne importance. (The establishment of a terminological database) Orig.fr. Terminol. & Traduct., No 3, 1990. p.103-129
- 2-664 776
Vernimb, C.: Efficient automatic retrieval with 'term databases'. Orig.en. Infomediary (Amsterdam) Vol 3, No 2, 1989. p.65-90, 37 refs.
- 2-665 776.99
Volkova, I.N.: A bank of standardised terms (SOVTERM). Orig.ru. In: Mezhdunar.semin.po mashin.perevodu "EVM i perevod 89", Tbilisi, 27 noyab.-2 dek., 1989; Tez.dokl. Moskva 1989. p.57-58
- 2-666 777
Satija, M.P.: Indian national terminology bank. Orig.en. Int.Classif. Vol 17, No 3-4, 1990. p.168
- 2-667 777
Laopodis, V.: Terminology and information technologies. The case of the Greek language. Orig.en. Terminol. & Traduct., No 3 1990. p.219-223, 5 refs.
- 2-668 777.99
Baxmann-Krafft, E.-M.: Prinzipien terminologischer Normung im DIN (Deutsches Institut für Normung). (Principles of terminological standardization in the DIN) Orig.de. Terminol. & Traduct., No 1, 1990. p.55-58
- 2-669 777.99
Bessé, B.de: L'état terminologique: Peut mieux faire. (The status of a terminologist: it is to be improved) Orig. fr. Terminol. & Traduct., No 1, 1990. p.87-100
- 2-670 777.99
Filopoulos, B.A.: Problems regarding the standardization of Greek terminology. Orig.gr. Terminol. & Traduct., No 1, 1990. p.59-74
- 2-671 777.99
Hermans, A.: Normalisatie, beheer van vaktalen, taalpolitiek: drie toepassingsgebieden van terminologie. (Standardization, special language, language policy: three fields of influence in terminology) Orig.nl. Terminol. & Traduct., No 1, 1990. p.121-126
- 2-672 777.99
Martinotti, E.: L'UNI e la normativa terminologica. (The UNI and standardized terminology) Orig.it. Terminol. & Traduct., No 1, 1990. p.101-112
- 2-673 777.99
Picht, H.: Standardisering og terminologi i Danmark. (Standardization and terminology in Denmark) Orig.dk. Terminol. & Traduct., No 1, 1990. p.41-53, 5 refs.
- 2-674 777.99
Pucci, C.R.: La normativa terminologica in Italia nei settori dell'informatica e delle telecomunicazioni. Orig.it. Terminol. & Traduct., No 1, 1990. p.113-119
- 2-675 777.99
Vroomen, P.de: Het SaNT als ontmoetingsplaats voor vlaams-nederlandse samenwerking op terminologisch gebied. (SaNT as a forum for Flemish-Dutch cooperation in Dutch terminology) Orig.nl. Terminol. & Traduct., No 1, 1990. p.127-141, 6 refs.
- 2-676 778
Kocourek, R.: La langue française de la technique et de la science. Vers une linguistique de la langue savante. 2nd ed. (French technical and scientific language. Toward a scholarly language linguistics. 2nd ed.) Orig.fr. Wiesbaden: O.Brandstetter Verlag 1991. 326p., ISBN 3-87097-152-5
This book has an introduction by Alain Rey and consists of 7 main chapters: Introduction. Delimitation and diversity of special language. Linguistic resources of technical and scientific language. Formation and designation of terms. Terminological structure. Related fields and appreciation. Journals and bibliographies. Index.
- 2-677 778
Mironova, V.G.: The semantic scope of terminological words in scientific speech. Orig.ru. In: Semant.issled. Alma-Ata, SU 1989. p.53-59, 4 refs.
- 2-678 778-826
Gafé de Miranda, L.M.: Informatics terminology in Portuguese: A linguistic and terminological analysis. Orig.pt. Cienc.inform. Vol 18, No 2, 1989. p.183-190, 22 refs.

78 Subject-Oriented Terminology Work

- 2-679 78-52; -653
Blair, D.; Campbell, S.; Chesher, T.; Rogers, I.; Yallop, C.: A prototype term bank of health and social welfare terms. Orig. en. Terminol. & Traduct., No 3, 1990. p.69-81
- 2-680 78-53
Ota, K.: On the Japanese medical terms and requirement of better English abstracts in international medical information science. Orig.ja. Joho Kanri (J.Inf.Process.& Management) Vol 32, No 10, 1990. p.837-838
- 2-681 78-66
Berteloot, P.: Les banques de données THECLA et JUDIT: Comptendu de travaux récents du service de terminologie de la Cour de Justice des C.E. Orig.fr. Terminol. & Traduct., No 3, 1990. p.157-161
- 2-682 78-66
Maurice, N.: Conception d'une base de données terminologiques multilingue dans le domaine du droit. Analyse des besoins et méthode suivie. (Design of a multilingual terminological database in the field of law) Orig.fr. Terminol. & Traduct., No 3, 1990. p.141-156
- 2-683 78-82; 09.82
New Polish terminological standards in the field of librarianship and bibliography. Orig.pl. Prz.bibl. Vol 57, No 2, 1989. p.149-151
- 2-684 78-82
Weinberg, B.H.: Vogue words in information science. Orig.en. Bull.Amer.Soc.Inform.Sci. Vol 16, No 4, 1990. p.15
Many terms have been borrowed from the field of artificial intelligence, e.g. expert systems and knowledge bases, where the meanings in the two fields are not equivalent. The author proposes the adoption of information science vocabulary by the newer artificial intelligence researchers working with corresponding concepts.
- 2-685 78-824
Digital imagery, preservation, and access. Orig.en. Inform. technol. & libraries Vol 9, No 4, 1990. p.300-340, 44 refs.
- 2-686 78-824
Schreyer, H.: Dokument-Archivdokument-Dokument-Denkmal: Ein Beispiel zur Entwicklung der sowjetischen Archivterminologie. II. (Document, archival document, memorial document: a contribution on Soviet archive terminology) Orig. de. Archivmitteilungen Vol 39, No 6, 1989. p.206-210
- 2-687 78-825
Ulanova, L.N.: Reference databank of library terms. Orig.ru. Sov.bibliotekoved., No 2, 1990. p.74-77

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