

0 FORM DIVISIONS

01	Bibliographies	48
02	Literature Reviews	-
03	Dictionaries, Terminologies	48
04	Classification Systems & Thesauri (CS & T)	48
05	Periodicals and Serials	-
06	Conference Reports, Proceedings	49
07	Textbooks (whole field)*	50
08	Other Monographs (whole field)*	-
09	Standards, Guidelines	50

1 THEORETICAL FOUNDATIONS

11	Order and Classification	51
12	Conceptology in Classification	51
13	Mathematics in Classification	52
14	Systems Theory in Classification	52
15	Psychology and Classification	52
16	Development of Science and Classif.	52
17	Problems in Classification	53
18	Classification Research	-
19	History of Classification	53

2 STRUCTURE AND CONSTRUCTION OF CS & T **

21	General questions of CS & T	53
22	Elements of CS & T	53
23	Construction of CS & T	53
24	Relationships	53
25	Numerical Taxonomy	54
26	Notation, Codes	54
27	Revision, Updating, Storage & Maintenance	54
28	Compatibility and Concordance between CS & T	54
29	Evaluation of CS & T	54

3 CLASSING AND INDEXING (METHODOLOGY)

31	Theory of Classing and Indexing	54
32	Subject Analysis	54
33	Classing and Indexing Techniques	54
34	Automatic Classing and Indexing	54
35	Manual and Automatic Ordering	55
36	Coding	55
37	Reclassification	55
38	Index Generation and Programs	55
39	Evaluation of Classing and Indexing	55

4 ON UNIVERSAL SYSTEMS

41	On Universal CS & T in General	56
42	On the Universal Decimal Classification (UDC)	56
43	On the Dewey Decimal Classification (DDC)	56
44	On the Libr. of Congr. Classif. (LCC) & LCSH	56
45	On the Bliss Classification (BBC)	56
46	On the Colon Classification (RCC)	-
47	On the Library Bibliographical Classif. (LBC/BBK)	56
48	On Other Universal Systems	56
49	free	-

* Monographs on special topics at special subdivis

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

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

5 ON SPECIAL OBJECTS CS (TAXONOMIES) ***

51	On Taxonomies in the Form and Structure Area 1	-
52	On Taxonomies in the Energy and Matter Area 2	-
53	On Taxonomies in the Cosmos and Earth Area 3	-
54	On Taxonomies in the Bio Area 4	57
55	On Taxonomies in the Human Area 5	-
56	On Taxonomies in the Socio Area 6	-
57	On Taxonomies in the Econ. & Production Area 7	57
58	On Taxonomies in the Science & Inform. Area 8	-
59	On Taxonomies in the Humanities Area 9	-

6 ON SPECIAL SUBJECTS CS & T

61	On CS & T in the Form and Structure Area 1	-
62	On CS & T in the Energy and Matter Area 2	57
63	On CS & T in the Cosmos and Earth Area 3	-
64	On CS & T in the Bio Area 4	57
65	On CS & T in the Human Area 5	57
66	On CS & T in the Socio Area 6	57
67	On CS & T in the Econ. & Production Area 7	58
68	On CS & T in the Science & Inform. Area 8	58
69	On CS & T in the Humanities Area 9	58

7 CLASSIFICATION AND LANGUAGE

71	General Problems of Natural Language	58
72	Semantics	58
73	Automatic Language Processing	59
74	Grammar Problems	59
75	Question-Answering Systems, Online Techniques	60
76	Lexicon/Dictionary Problems	60
77	General Problems of Terminology	61
78	Subject-Oriented Terminology Work	-
79	Problems of Multilingual Systems	-

8 APPLIED CLASSING AND INDEXING (C & I)

81	General Problems of Applied C&I	-
82	Data C&I	-
83	Title C&I	-
84	C&I of Primary Literature (Except 85)	-
85	Book Indexing	-
86	C&I of Secondary Literature	-
87	C&I of Non-Book Materials	-
88	C&I in Subject Fields	-
89	free	-

9 CLASSIFICATION ENVIRONMENT

91	Organization Problems in general	-
92	Persons and Institutions in Classif. & Indexing	-
93	Organisation on a National & Internat. Level	-
94	free	-
95	Education and Training in Classif. & Indexing	-
96	free	-
97	Economic Aspects in Classif. & Indexing	-
98	User Studies	-
99	Standardization in Classif. & Indexing	-

Personal Author Index

Divisions of 04, 5, 6, 78, 82, 88 acc. to Information Coding Classification (ICC) described and displayed in Int. Classif. 9(1982)2, p.87-93 and in Int. Classif. & Indexing Bibliogr. 1.

A further division of this scheme (by one and sometimes two levels) was published in Int. Classif. 12(1985)No.3, p.147-151

For reasons of space it was not possible to include the collected bibliographic items of classes 78, 79 and those of groups 8 and 9. They will be published in the next issue.

0 FORM DIVISIONS

01 Bibliographies

See also 88-219

- 88-001 012
Wellisch, H.H.: Indexing and abstracting: A current-awareness bibliography. Part 4. Indexer Vol 15, No 4, 1987. p.219-224
The systematically arranged references include short annotations. An author index covering parts 1-4 has been added.
- 88-002 015.18
Classification and Indexing Research. Current Bibliography of Projects. Int.Classif. Vol 14, No 3, 1987. p.162-163
Lists 19 projects (nos.254-272) arranged in systematic order with annotations.
- 88-003 015.78
Hidden glossaries. Int.Classif. Vol 14, No 3, 1987. p.156
Recurring feature in Infotenn News listing alphabetically by author glossaries as subpublications at unexpected places.
- 88-004 016
Negrini, G.; Sensini, A.: Linguistic instruments. A distinctive bibliography on vocabularies and representational languages: their realization, function and use. Orig. it. Indicizzazione Vol 2, No 1, 1987. p.81-109, 11+306 refs.

03 Dictionaries, Terminologies

- 88-005 036.18
Sengupta, I.N.: Research in librarianship and glossary of technical terms relating to the strategies of research. IASLIC Bull. Vol 31, No 3, 1986. p.111-128, 16 refs.
- 88-006 036.75
Glossary of CD-ROM-related technical terms and acronyms. Opt.Inform.Syst. Vol 6, No 3, 1986. p.230-234, 9 refs.
- 88-007 036.757
Glossar (Künstliche Intelligenz). (Glossary of Artificial Intelligence) Orig. de. State of the Art, No 1, 1986. p.79-83
Definitions and explanations to 50 main terms and concepts used in Artificial Intelligence.

04 Classification Systems & Thesauri

041 GENERAL SCHEMES

- 88-008 041 D0
Klingner, H.; Kunz, F.: Klassifikation für Staatliche Allgemeinbibliotheken und Gewerkschaftsbibliotheken - Teil Bibliothekarische Fachliteratur. (Classification scheme for Public Libraries and Union Libraries - Section on Library Literature). Orig.de. Berlin, DD: Zentralinst.f.Bibl.wes. 1987. 32p.
- 88-009 041 D0
Lehmann, K.(Ed.): Klassifikation für Staatliche Allgemeinbibliotheken und Gewerkschaftsbibliotheken: Teil Kinderliteratur. (Classification scheme for public libraries and union libraries. Section on children's literature. Outline and alphabetical subject index. 2nd partly changed and enlarged ed. Systematic subject index) Orig. de. Berlin, DD: Zentralinst.f.Bibliothekswesen 1986. 43+44 p.
- 88-010 041 SU
Rubrikator des Internationalen Systems für wissenschaftliche und technische Information: deutschsprachige Fassung. (Classification scheme of the International System for Scientific and Technical Information: German version. 2nd ed.) Orig. de. Berlin, DD: Zentralinst.f.Inform.u.Dokum.d.DDR 1986. 258 p.
- 88-011 041.8
Rovira, C.; Reyes, C.: Sears List of Subject Headings. 13th ed. New York, NY: H.W.Wilson Co. 1986. 681p., ISBN 0-8242-0730-0

042 THE UNIVERSAL DECIMAL CLASSIFICATION

- 88-012 042.1-de-88
DIN Deutsches Inst.f.Normung: DK 621.39 Elektrische Nachrichtentechnik, Telegraphie, Telephonie, Radiotechnik, Videotechnik und -geräte, Fernwirktechnik. (UDC 621.39 Telecommunication. Telegraphy, Telephony, Radiotechnology, Videotechnology and -devices, Telecontrol) Orig. de. Berlin, DE: Beuth Verlag 1986. p.1682-1691
The German Standardization Institute issued in 1986 the following updated pages for the loose-leaf volumes of the 2nd German full UDC edition (F10 297). These "supplement leaves" are published as an insert in the issues of the serial called DK-Mitteilungen.

042.1-de-275
DIN Deutsches Inst.f.Normung: OK 667. Farbtechnische Industrien. (Colour industries (dyes, inks, paints, etc.)) Orig. de. Berlin, DE: Beuth Verl. 1986. p.1692-1699 (see 88-012 above)

88-014 042.1-de-385
DIN Deutsches Inst.f.Normung: DK-669.2 Nichteisenmetalle. (Non-ferrous metallurgy) Orig.de. Berlin, DE: Beuth Verl. 1986. p.1699-1705 (see 88-012 above)

88-015 042.1-de-83
DIN Deutsches Inst.f.Normung: OK 681.3 Datenverarbeitungsanlagen und -geräte. Automatische Datenverarbeitungsanlagen. Computer, Rechenmaschinen, usw. (Data processing and -machines. Mainframes, Computers etc.) Orig.de. Berlin, DE: Beuth Verlag 1986. p.1666-1669 (see 88-012 above)

88-016 042.1-de-173
DIN Deutsches Inst.f.Normung: OK 681.5 Regelungstechnik. Orig. de. Berlin, DE: Beuth Verl. 1986. p.1669-1673 (see 88-012 above)

88-017 042.1-de-767
DIN Deutsches Inst.f.Normung: DK-685 Sattlerei, Schuhmacherei, Handschuhmacherei, Reiseartikel, Sportgeräte, Spielgeräte. (Saddlery and harness, Footwear, Gloves, Travel, sport, games and other equipment) Orig.de. Berlin, DE: Beuth Verl. 1986. p.1674-1681 (see 88-012 above)

88-018 042.1-de-872
DIN Deutsches Inst.f.Normung: OK 77. Photographie und gleichartige Verfahren. (Photography and related processes) Orig.de. Berlin, DE: Beuth Verl. 1986. p.1706-1710 (see 88-012 above)

88-019 042.1-de-8723
DIN Deutsches Inst.f.Normung: Photographische Ausrüstung, Apparate, Materialien. (Photographic equipment, Apparatus, Materials) Orig.de. Berlin, DE: Beuth Verl. 1986. p.1711-1716 (see 88-012 above)

88-020 042.1-en-384
British Standards Institution: UDC 669 Metallurgy. Milton Keynes, U.K.: BSI 1986. 47p., ISBN 0-580-15601-X, BS 1000(669)

88-021 042.2-pt
Instituto Brasileiro de Inform.em Ci. e Tecnol. (IBICT): Classificacao Decimal Universal: Edicao media em lingua portuguesa 2 ed., parte 1: Tabelas sistematicas. (UDC Medium Ed.in Portuguese, Pt.1: Systematic tables) Orig.pt. Brasilia, BR: IBICT/Setor de Distribuicao SCN 1987. XV,505p., ISBN 85-7013-009-0

88-022 042.3-fr
Canon, A.; L'Hoest, Ch., Libon, Ch., Lorphèvre, G.: Classification Décimale Universelle (CDU), Edition abrégée. Ed.en langue française conforme aux "extensions and corrections" 10:3. (Universal Decimal Classification. Abridged Edition. French edition according to "Extensions and Corrections" No. 10:3) Liège, BE: Centre de Lecture Publique de la Communauté Française 1986. 183p., ISBN 2-87130-009-7, F10 Publ.No.652
This edition precedes the publication of a new medium ed.in fr.

044 LIBRARY OF CONGRESS CLASSIFICATION

88-023 044.6-51/4
Library of Congress. Subject Cataloging Div.: Classification, Class R, Medicine. 5th ed. Washington, DC: Library of Congress 1986. 473p.

046 COLON CLASSIFICATION

88-024 046.1
Ranganathan, S.R.: Colon Classification, 7th ed. Ed.and rev.by M.A.Gopinath. Bangalore, IN: Sarada Ranganathan Endowment for Libr.Sci. 1987. XVI,332p.

047 LIBRARY BIBLIOGRAPHICAL CLASSIFICATION

88-025 047.1-de-976
Bibliothekarisch-Bibliographische Klassifikation: BBK/A; adaptierte Fassung; systemat.Teil. Bd.1,3. 01 Marxismus-Leninismus. (Library-Bibliographical Classification; adapted version; systematical part. Vol.1,3 01 Marxism-Leninism) Orig.de. Berlin, DD: Method.Zentrum f.Wiss.Bibliotheken u.Inform.u.Dok.einricht. 1986. 76p.

88-026 047.1-de-77/78; -88
Bibliothekarisch-Bibliographische Klassifikation: BBK/A; adaptierte Fassung; systemat.Teil. Band 3,6 44 Transportwesen. 45 Post- und Fernmeldewesen. (Library-Bibliographical Classification; adapted version; systematic part. Vol.3,6 44 Transportation, 45 Mail, Post, Telecommunication) Orig.de. Berlin, DD: Method.Zentrum f.Wiss.Bibliotheken u.Inform.-u.Dok.einrichtungen 1986. 65p.

88-027 047.1-de-26/27
Bibliothekarisch-Bibliographische Klassifikation: BBK/A; adaptierte Fassung; syst. Teil. Bd. 2, 2, 15 Chemie, Bd. 3, 3, 31 Chemische Technologie. (Library-Bibliographical Classification; adapted version; systematic part. Vol. 2, 2, 15 Chemistry. Vol. 3, 3, 31 Chemical Technology) Orig. de. Berlin, DD: Method. Zentrum f. Wiss. Bibl. u. Inform. u. Dok. einrichtungen 1987. 71+70p.

88-028 047.1-de-37; -384
Bibliothekarisch-Bibliographische Klassifikation: Taf. f. wiss. Bibliotheken. Bd. 8. I Bergbau. K Technologie der Metalle, Maschinen- und Gerätebau. (Library-Bibliographical Classification: Tables for scientific libraries. Vol. 8. I Mining. K Metallurgy, Mechanical Engineering) Orig. de. Berlin, DD: Method. Zentrum f. Wiss. Bibl. beim Ministerium f. Hoch- und Fachschulwesen 1987. 434p.

88-029 047.1-de-96
Bibliothekarisch-Bibliographische Klassifikation: Taf. f. wiss. Bibliotheken. Bd. 14, 4. I. Archäologie. Echnographie. (Library-Bibliographical Classification. Tables for Scientific Libraries.) Orig. de. Berlin, DD: Method. Zentrum f. Wiss. Bibliotheken beim Ministerium f. Hoch- und Fachschulwesen 1986. 302p.

048.1/9 OTHER UNIVERSAL SCHEMES

88-030 048.9
Lehmann, K. (Ed.); Ebel, S.: Titelliste zur Klassifizierung von Beständen in Artotheken. (Title list for the classification of art collections) Orig. de. Berlin, DD: Zentralinst. f. Bibliothekswesen 1987. 48p.

88-031 048.91
Betten, L. (Project Head); Verein d. Bibliothekare an Öffentl. Bibliotheken (VBB) und Komm. d. Dt. Bibliotheksinst. f. Kinder- und Jugendbibliotheken: Systematik für Kinder- und Jugendbibliotheken: SKJ. (Classification system for children's and young adults' libraries, 4th rev. ed.) Orig. de. Berlin, DE: Deutsches Bibliotheksinstitut 1987. 49p., DBI-Materialien 64

048- SPECIAL CLASSIFICATION SYSTEMS AND THESAURI

88-032 048-26, -384
The databases Chemistry and Corrosion and Rust Protection. Pt. 2: Subject heading list. Materials for representation of bibliographic entries of documents. Orig. ru. Moskva, SU: VINITI 1986. 67p.

88-033 048-265
Milleman, R.E.; Cushman, R.M.: Subject keywords index for the Carbon Dioxide Information Center's bibliographic information system. Orig. en. Oak Ridge, TN: Oak Ridge National Lab. 1986. 37p., NTIS OE87000169/HCW

88-034 048-284
INIS Thesaurus. Orig. en. Wien: IAEA 1987. 859p.

88-035 048-376
Fjeldaas, S.: Offshore related classification using network structures. Orig. en. Trondheim, Norway: Norges Tekniske Høyskole 1986. 36p., NTIS. PB87-144556/HCW

88-036 048-39
Kalia, D.R.: Classification schedule for area studies. Orig. en. New Delhi: Reliance Publ. House 1987. 103p
The book has also been published as a special issue of CLIS Observer 4(1987)No.1-2, p.1-103

88-037 048-49
Umweltthesaurus. (Environmental thesaurus) Orig. de. Berlin, DE: Umweltbundesamt. Inform.- u. Dok. system Umwelt (UMPLIS) 1986. Comprises some 70 000 descriptors and some 5000 non-descriptors. It consists of the following parts: 1) Arrangement according to subject fields, 2) Environmental fields (survey), 3) Environmental classification, 4) Alphabetical list of descriptors, 5) Hierarchical listing.

88-038 048-6
Booth, B.; Colby, A.; Birardi, C.; LeSavage, L.; Rubins, A.; Blair, M.; Allen, S.: Thesaurus of sociological indexing terms. Orig. en. San Diego, CA: Sociological Abstracts 1986. 268p.

88-039 048-62
Deutscher Bundestag und Bundesrat: Thesaurus für Parlamentsmaterialien. (Thesaurus for parliamentary materials) Orig. de. München, DE: K.G. Saur Verl. 1987. ca 30 000 fiches, 3 suppl., annual editions. ISBN 3-598-32287-9

88-040 048-68
DTIC (Defense Technical Information Center) retrieval and indexing terminology. Orig. en. Alexandria, VA: Defense Technical Information Center 1987. 560p., NTIS. AD-A176 000/8/HCW
Third ed. of the DTIC Retrieval and Indexing Terminology (DRIT)

displaying DTIC's controlled Posting Term vocabulary which is supplemented by DTIC-assigned identifiers and open-ended terms. The revision includes scope notes, use-references and used-for-references.

88-041 048-82
Gesellschaft für Inform. u. Dokum. mbH: Deskriptorenliste zum Bereich Informationswissenschaft und -praxis. Stand: Juli 1987. (Descriptor list for the area of Information Science and -Practice) Orig. de. Frankfurt/Main: Ges. f. Mathematik u. Datenverarb. mbH 1987. 109p., ISBN 3-88941-057-X
Includes an alphabetical main part with an English translation to the German form of descriptors, a geographic index with German and English names and an English-German index. The newly introduced descriptors have been starred. There are almost 900 descriptors and more than 700 nondescriptors with their conceptual and term relationships indicated. It is used in the Inform. Center for Inform. Science & -Practice, Frankfurt/Main.

88-042 048-9
Unesco-Komm. d. Bundesrepublik Deutschland, d. Dt. Demokrat. Republik, v. Österreich u. d. Schweiz: Thesaurus Kultur: internationaler Thesaurus für kulturelle Entwicklung; deutschsprachige Ausgabe. (Thesaurus Culture: international thesaurus for cultural development; German-language edition) Orig. de. Wien 1986. IX, 636p.

88-043 048-94
ICONCLASS - ein ikonographisches Klassifikationssystem. (ICONCLASS - an iconographic classification system, General Alphabetical Index (3 vols.), ICONCLASS System (7 vols.), ICONCLASS Bibliography (7 vols.)) Orig. en. Amsterdam, NL: Koninklijke Nederlandse Akademie van Wetenschappen (Kloveniersburgwal 29)

88-044 048-967
Mann, M.; Dalby, D. (Eds.): A thesaurus of African languages: A classified and annotated inventory of the spoken languages of Africa with an appendix to orthographic representation. Orig. en. München, DE: K.G. Saur Verlag 1987. ca 400 p. ISBN 3-598-10638-6

06 Conference Reports, Proceedings

See also 88-332, 88-335, 88-384, 88-471

88-045 06.83-10; 744
Craig, C. (Ed.): Noun classes and categorization. Proc. of a Symposium on Categorization and noun classification, Eugene, Oregon, Oct. 1983. Orig. en. Amsterdam-Philadelphia: Benjamins 1986. VII, 481p., Typological Studies in Language, Vol. 7
Contains among other the following papers: 88-046 Lakoff, G.: Classifiers as a reflection of mind. - 88-047 Hopper, P.J.: Some discourse functions of classifiers in Malay. - 88-048 Posner, M.I.: Empirical studies of prototypes. - 88-049 Tversky, B.: Components and categorization. - 88-050 Supalla, T.: The classifier system in American sign language. - 88-051 Dixon, R.M.W.: Noun classes and noun classification in typological perspective. - 88-052 Mithun, M.: The convergence of noun classification systems. - 88-052a Denny, J.P.: The semantic role of noun classifiers.

88-053 06.84-10-16/18; 47
Isaeva, T.V.: Third International Meeting of indexing language and library classification experts from socialist countries on "LBC Optimisation and Adaptation to the National Specifics of Socialist Countries", Moscow, 16-18 Oct. 1984. Orig. ru. Bibliotekoved. i bibliogr. za rubezhom, No 108, 1986. p.63-69, 4 refs.

88-054 06.86-03-21/23; 761
Hartmann, R.R.K.: D.R.C. Seminar on the History of Lexicography Exeter, March 1986. Orig. en. Lexicographica, No 3, 1987

88-055 06.86-05-5/8; 765
Urutyan, R.L. (Ed.): Combining linguistic and extralinguistic information in an automatic dictionary: Proceedings of an All-Union Workshop, Dilizhan, 5-8 May 1986. Orig. ru. Erevan: Izd. vo AN ArmSSR 1987. 199p.

88-056 06.86-06-18/21
Krömmelbein, E.: Gesellschaft für Klassifikation, 10. Jahrestagung 1986 in Münster. (Society for Classification, 10th Annual Meeting 1986 in Münster) Orig. de. Z. Bibl. wes. u. Bibliogr., No 6 1986. p. 489-492

88-057 06.86-06-18/21
Bryant, P.G.: Book review of Degens, P.O., Hermes, H.-J., Opitz, D. (Eds.): Die Klassifikation und ihr Umfeld (Classification and its environment). Proc. 10th Annual Meeting, Ges. f. Klassif. Münster, June 18-21, 1986. Frankfurt: Indeks Verl. 1986. 416p. = Studien zur Klassifikation, Vol. 17. Orig. en. J. Classif. Vol 4, No 2, 1987. p. 270-271

88-058 06.86-06-19/23; 761
Lenders, W.: On Automating the Dictionary. Workshop in Marina

di Grosseto. Orig.de. LDV-Forum Vol 4, No 2, 1986. p.39
Report on the workshop which took place from 19-23 June 1986.
Papers of authors are listed and the results of the workshop
are summarized.

88-059 06.86-08-25/29; 711
COLING '86. Proceedings. Bonn: IKS eV (Poppelsdorfer Allee 47)
1987. 675 p. Orig.en. Computational Linguistics Vol 13, No 1-2
1987. p.96-130
List of the abstracts of this conference together with the
addresses of their author(s).

88-060 06.86-08-25/29; 761
Blumenthal, A.; Heid, U.: Lexikalische Wissensquellen in der
maschinellen Sprachdatenverarbeitung. Ein lexikonbasierter
Streifzug durch COLING '86. (Lexical sources of knowledge in
computerized language data processing. A report on COLING 86
under a dictionary point of view). Orig. de. LDV Forum Vol 4,
No 2, 1986. p.33-38, 31 refs.

88-061 06.86-09-22/26; 715
Stumptner, M.: GWAI-86 und 2. Österreichische Artificial-Intel-
ligence-Tagung: Konferenzbericht. (Proceedings of conferences
on AI) Orig.de. ÖGAI-Journal, No 3, 1986. p.2-5

88-062 06.86-10-8/10; 156
Logic of Scientific Cognition: Proceedings of the 9th All-Un-
ion Workshop on the Logic, Methodology and Philosophy of Sci-
ence, Kharkov, 8-10 October 1986. Orig. ru.
Moskva, Kiev, SU 1986. 80p.

88-063 06.86-12; 882
Kushneruk, S.P.: Scientific and technical terminology and trans-
lation: a regional scientific conference, Chefyabinsk, Dec. 1986
Orig.ru. Nauch.-tekh.terminol., No 4, 1987. p.69-73

88-064 06.87
Gesellschaft für Klassifikation eV: 1987 Meetings of Special
Interest Groups. Orig.en. Int.Classif. 14(1987)No 3, p.160-161
Reports on Meetings of the SIG-Indexing Languages, SIG-Termi-
nology of Classification, SIG-Concept Analysis, SIG-Commodity
Classification, SIG-Biological Taxonomy and the Section Data-
Analysis and Numerical Classification.

88-065 06.87-04-10; 844
Beare, G.: Local newspaper indexing. British Library Newspaper
Library Seminar: 10 April 1987. York University. Orig. en.
Indexer Vol 15, No 4, 1987. p.194-195

88-066 06.87-06-23/24
Joint Inter-Agency Meeting on Computer-Assisted Terminology
and Translation (JIAMCAT), Geneva, 23-24 June 1987. Orig.en.
Int.Classif. Vol 14, No 3, 1987. p.155

88-067 06.87-06-29/
Bock, H.H.: Classification and Related Methods of Data Analysis
Orig.en. Int.Classif. Vol 14, No 3, 1987. p.137
Report on the First Conference of the International Federation
of Classification Societies, June 19-21, 1987, Aachen, FRG
It had a participation of 294 persons from 21 countries. 194
papers were given in 43 sessions.

88-068 06.87-06-29/
Hermes, H.-J.; Hölzl, J. (Eds.): Wissensorganisation im Wandel
Dezimalklassifikation - Thesaurusfragen - Warenklassifikation.
Proceedings II. Jahrestagung der Ges.f.Klassifikation, Aachen,
29.6.-1.7.1987. (Knowledge organisation in a changing world.
UDC - Thesaurus problems - Commodity Classification) Orig.de,
en. Frankfurt/Main: Indeks Verl. 1988. 208p., Studien zur Klas-
sifikation, Bd.18, ISBN 3-88672-018-7
Arrangement of the papers according to the three subtitles (as
above): 88-069 Meink, P.: Das Gestern und das Morgen mit einer
DK von heute. Eine Klassifikation hält Schritt. (Yesterday and
tomorrow with a UDC of today) - 88-070 Knell, G.: EDV-gestützte
DK-Anwendung in der Bereichsbibliothek Erziehungswissen-
schaften der Universität Giessen. (Computer-supported UDC-app-
lication in the Education Department Library at the Universi-
ty of Giessen) - 88-071 Schael, F.: Volkswagen von 0 bis 9 -
die DK in einem industriellen Großunternehmen. (Volkswagen
from zero to nine - the UDC in a big company) - 88-072 Traiser
W.: Anwendung der Universellen Dezimalklassifikation in Natio-
nalbibliographien. (Application of the UDC in national biblio-
graphies) - 88-073 Funk, H.; Loth, K.: Sachabfrage im ETHICS
auf der Basis der UDK. Ein OPAC. (Subject access in ETHICS
based on the UDC. An OPAC) - 88-074 Parniczky, G.: Descriptor
language for statistical nomenclatures. - 88-075 Schwarz, G.:
THESYS: Thesaurus Syntax System. A fully automated thesaurus
building aid. - 88-076 König, G.; Marmé, M.: Klassifikation
und Thesaurus für die Mathematikdidaktik. (Classification and
thesaurus in didactics of mathematics) - 88-077 Herfurth, M.:
Notationen soziologischen Wissens. Ein Beitrag zur Architektur
sozialwissenschaftlicher Wissensbasen. (Notations of sociolo-
gical knowledge. A contribution to the architecture of social
science knowledge bases). - 88-078 Ohly, H.P.: Sozialwissen-
schaftliche Theorien als Gegenstand systematischer Dokumenta-

tion. (Social science theories as objects of systematic docu-
mentation) - 88-079 Gödert, W.: Syntax von Dokumentationspra-
schen im Online-Katalog. (Syntax of documentation languages in
the online catalogue) - 88-080 Spitz, A.L.; Wilcox, L.D.:
Classification techniques applied to the recognition of office
documents. - 88-081 Hölzl, J.: Warenklassifikation als Mittel
der Input-Output-Analyse. (Commodity classification as an in-
strument of input-output analysis). - 88-082 Gasthuber, H.:
Methodische Aspekte der Gestaltung von benutzerfreundlichen
Produktinformationssystemen. (Methodical aspects of the design
of user-friendly product information systems). 88-083 Ahlhaus,
O.: Klassifikations- und Ordnungssysteme für das Produkt-, Qua-
litäts- und Verpackungswesen. (Classification and ordering
systems for products, quality control and packaging) - 88-084
Pretzsch, J.: Der OPAK des Deutschen Patentamtes und seine
sachlichen Zugriffsmöglichkeiten. (The OPAC of the German Pa-
tent Office and its subject access) - 88-085 Geis, A.: Ent-
wicklung von Diktionären. Zum Beispiel maschinelle Branchen-
vercodung. (On the development of dictionaries for the automa-
tic codification of branches of knowledge) - 88-086 Gombosi, M.
Domokos, G.: Logical checking on statistical nomenclatures.

88-087 06.87-08-3/7; 778
6th European Symposium on Language for Specific Purposes, Va-
sa, 3-7 August 1987. Int.Classif. Vol 14, No 3, 1987. p.155

88-088 06.87-08-10/13; 77
8th Plenary Meeting of ISO/TC 37 "Terminology (Principles and
Coordination)", Vaasa, 10-13 Aug. 1987. Orig. en.
Int.Classif. Vol 14, No 3, 1987. p.155-156

88-089 06.87-08-15/21; 41
Holley, R.P.: IFLA Section on Classification and Indexing. Re-
port on the Meetings, Brighton, August 1987. Int.Classif. Vol
14, No 3, 1987. p.159-160

88-090 06.87-09-28; 12
7th International SCCAC Meeting. Int.Classif. 14(1987)3. p.144
The Society for Conceptual and Content Analysis by Computer
held this meeting at Trier on Sept.28, 1987. 11 papers were
presented and discussed.

88-091 06.87-09-29; 77
Terminology and Knowledge Engineering. Int.Classif. Vol 14,
No 3, 1987. p.154

88-092 06.87-09-29; 77
Neveling, U.: Erster Internationaler Kongress für "Terminologie
und Wissenstechnik", 29.9.-1.10.1987. (First International
Congress for Terminology and Knowledge Engineering, 29 Sept.
- 1 Oct. 1987) Orig.de. Int.Aufg.DGD 9(1987)No 6/7, p.93-95

88-093 06.87-11-16/17; 387
6th Workshop KTK. Int.Classif. Vol 14, No 3, 1987. p.161
Short report on this workshop of the Committee Technical Com-
munication of the Deutsche Gesellschaft für Dokumentation on
16-17 Nov. 1987 at Frankfurt on the topic "Software for data-
base construction, retrieval, and thesaurus development".

88-094 06.87-12-8/10; 753
Online 87 Information. The 11th International Online Informa-
tion Meeting, 8-10 Dec.1987, Novotel London, England.
Oxford, U.K.: Learned Information Ltd. 1987. 12p.
The brochure includes the program which indicates three papers
of interest: 88-095 Willet, P.: Effectiveness of retrieval in
clustered document files. - 88-096 Chall, M.: User needs, user
aids: Development of the Thesaurus of Sociological Indexing
Terms. - 88-097 Duncan, E.B.; McAleese, R.: Intelligent access
to databases using a thesaurus in graphic form.

07 Textbooks

88-098 07.1
Kumar, Krishan: Theory of Classification, 4th ed.. Orig. en.
New Delhi: Vikas 1988. XII, 560p., ISBN 0-7069-3795-3

88-099 07.21
Fugmann, R.: Book review of: Lancaster, F.W.: Vocabulary con-
trol for information retrieval, 2nd ed. Arlington, VA: Infor-
mation Resources Press 1986. 270p. Orig. en.
Int.Classif. Vol 14, No 3, 1987. p.164-166

09 Standards, Guidelines

88-100 09.21
DIN Normenausschuß Klassifikation (NAK): DIN 32705. Klassifi-
kationssysteme. Erstellung und Weiterentwicklung von Klassifi-
kationssystemen. (Classification systems. Establishment and
further development of classification systems) Orig. de.
Berlin, DE: Beuth Verlag 1987. 12p., 16 refs.
This standard is meant to help in the understanding of classi-
fication systems, how they function and how they can be con-
structed objectively, consistently and reliably.

88-101 09.33
DIN Normenausschuß Bibliotheks- und Dokumentationswesen (NABD)
DIN 31623, Teil 3 Entwurf: Indexierung zur inhaltlichen Er-
schliessung von Dokumenten: Syntaktische Indexierung mit Des-
kriptoren. (Indexing for subject analysis of documents: syn-
tactical indexing with descriptors) Orig.de. Berlin, DE: Beuth
Verlag 1987. 9p., 4 refs.

88-102 09.76
DIN Normenausschuß Terminologie (NAT): DIN 2339 T. 1: Ausar-
beitung und Gestaltung von Veröffentlichungen mit terminologi-
schen Festlegungen; Stufen der Terminologearbeit. (Elaboration
and design of publications with terminological data; steps in
terminography) Orig.de. Berlin, DE: Beuth Verlag 1987. 16p.

88-103 09.77
DIN Normenausschuß Informationsverarbeitungssysteme (NI);
Deutsche Elektrotechnische Kommission im DIN und VDE (DKE):
DIN 44 302. Informationsverarbeitung; Datenübertragung; Daten-
übermittlung; Begriffe. (Concepts in information processing,
data transfer, data communication) Orig. de.
Berlin, DE: Beuth Verlag 1987. 13p., 3 refs.

1 THEORETICAL FOUNDATIONS

11 Order and Classification

See also 88-095, 88-232

88-104 111.75
Gödert, W.: Bibliothekarische Klassifikationstheorie und On-
line-Kataloge. (Theory of library classification and online-ca-
talogues) Orig.de. Bibliothek Vol 11, No 2, 1987. p.152-166,
81 refs.

The presentation attempts at introducing the German Standard
DIN 32 705 (Establishment and Development of Classification
Systems) and discusses application problems of classification
systems in various typical library settings. Emphasis is laid
upon the online catalogue. Questions of cooperation in apply-
ing classification systems are also considered.

88-105 113
Levin, V.A.: Abstraction of information objects. Orig. ru.
Moskva, SU: Inst.prikl.mat.AN SSSR 1986. 26p, 6 refs.

88-106 113
Novoselov, M.M.: Abstraction and the scientific method. Orig.
ru. In: Logika nauch.poznaniya: Aktual.probl. Moskva, SU 1987.
p.30-56, 63 refs.

88-107 113; 171
Mitrofanova, S.S.: The role of the scientist's methodological
culture in solving the classification problem. Orig. ru.
In: Kochergin, A.N. (Ed.); Probl.metodol.kul'tury uchenogo.
Novosibirsk, SU 1986. p.42-56, 6 refs.

88-108 115
Katulev, A.N.; Bogdanchuk, V.Z. et al.: Evaluation and classi-
fication of objects parameters under uncertainty conditions.
Orig.ru. Riga: Zinatne 1987. 265 p., 48 refs.

88-109 116; 725
Livshits, E.S.: On the systematisation of information in in-
formation search systems with the help of semantic graphs.
Orig.ru. Nauch.-tekhn.inform.Ser.2, No 7, 1986. p.17-21

119 ROLE OF CLASSIFICATION See 88-378

12 Conceptology in Classification

See also 88-086, 88-090

88-110 121
Lex, W.: A representation of concepts for their computeriza-
tion. Orig.en. Int.Classif. 14(1987)No 3, p.127-132, 24 refs.
A lattice theoretical description of concept hierarchies is
developed using for attributes the terms "given", "negated",
"open" and "impossible" as the truth values of a four-valued
logic. Similar to the theory of B.Ganter and R.Wille does this
framework permit a precise representation of the usual inter-
dependencies in a field of related concepts with the possibili-
ty of computerization and applications in artificial intelli-
gence: automatic classification, data bases, expert systems,
automatic theorem proving and machine translation.

88-111 121
Lyashov, V.V.: Semantics of possible worlds and contemporary
modal logic. Orig.ru. In: Metodol.probl.sovrem.nauki. Gor'kiy,
SU 1986. p.174-182, 9 refs.

88-112 121
Smirnov, V.A.: Logical methods of scientific knowledge anal-
ysis. Orig.ru. Moskva, SU: Nauka 1987. 256p.

88-113 122
Wawrzynczak, R.: Knowledge (information) structures: a pragma-
tic view. Orig.pl. Zag.naukozn.22(1986)No 4, p.601-16, 17refs.

1232 ON DEFINITIONS
See also 88-369

88-114 1232
Gorskij, D.P.: Definitions: their kinds and rules. Orig. ru.
In: Logika nauch.poznaniya: Aktual.probl. Moskva, SU 1987.
p.140-158, 12 refs.

88-115 1232
Mikonj, S.V.; Chakhireva, A.A.: A formalised language for con-
cept definition. Orig.ru. Nauch.-tekhn.inform.,Ser.2, No 1,
1987. p.23-27, 10 refs.

88-116 1232; 762
Nosenko, I.G.: Lexicographic definition and the problem of lin-
guistic and extralinguistic information in dictionaries of va-
rious types. Orig. ru. In: Sochetanie lingv.i vnelingv.inform.
v avtomat.slovare. Erevan, SU 1987. p.80-82

88-117 1232
Shelov, S.D.: The logical and linguistic aspects in term defi-
nition: One syntactic rule of definition. Orig.ru. Izv.ANSSSR
Ser.lit.i yaz. Vol 4, No 2, 1987. p.111-121, 35 refs.

124 KNOWLEDGE REPRESENTATION

88-118 124
Langefors, B.: Distinction between data and information/know-
ledge. Orig.en. Inform.Age Vol 9, No 2, 1987. p.89-91
A discrimination should be based on the following assumptions:
Data are used for information representation; information is
knowledge conveyed by data. Data processing involves opera-
tions on symbols rather than on knowledge. To obtain informa-
tion from data, users must interpret data and draw conclusions.

88-119 124
Habel, Ch.: Prinzipien der Referentialität. Untersuchungen zur
propositionalen Repräsentation von Wissen. (Principles of re-
ference: studies in propositional knowledge representation)
Orig.de. Inform.-Fachber., No 122, 1986. p.1-307, 284 refs.

88-120 124
Klein, H.K.; Hirschheim, R.A.: A comparative framework of data
modelling paradigms and approaches. Comput.J., 28(1987)No 1,
p.8-15, 73 refs.

88-121 124
Papakonstantinou, G.; Kontos, J.: Knowledge representation with
attribute grammars. Comput.J. Vol 29, No 3, 1986. p.241-245

88-122 124; 726
Shrejder, Yu.A.: The text as an information model of knowledge.
Orig.ru. In: Anal.znak.sistem, ist.logiki i metodol.nauki.
Kiev, SU 1986. p.96-97

88-123 124; 726
Startseva, T.V.: The text as a form of knowledge representa-
tion. Orig.ru. In: Lingv.i psikholingv.issled.yaz.i rech.
Moskva, SU 1986. p.194-203, 23 refs.

88-124 125
Kuznetsov, V.I.: The problem of universals in physical knowl-
edge. Orig.ru. Kiev, SU: Naukova dumka 1987. 171p., 30 refs.

128- CONCEPTS IN SPECIAL KNOWLEDGE FIELDS

88-125 128-542
Chekasov, S.V.: Logico-gnosiological problem of knowledge evo-
lution in medical diagnostics. Orig.ru. Vopr.filos., No 9, 1986
p.86-97, 16 refs.

88-126 128-726
Bjelčić, B.: Logistik. Eine sprachhistorische und begriffsin-
haltliche Untersuchung. (Logistics. A study of history and
contents of its concept) Orig.de. Muttersprache Vol 97, No 3-4
1987. p.153-161

88-127 128-731
Schmitt, P.A.: High Tech. Beobachtungen zum Begriffsfeld "Hoch-
technologie". (High Tech. Observations concerning the concept
Field of "High Technology") Orig.de. Muttersprache Vol 97, No
3-4, 1987. p.162-169

88-128 128-821
Biyumenau, D.I.: Towards the correlation of the concepts of
"knowledge" and "social information". Orig.ru. In: Sbor.nauch.
tr.Leningr.inst.kul'tury, No 104, 1986. p.60-69

88-129 128-821
Lejpol't M.: On the essence of information. Orig.ru.
Sbor.nauch.tr.,Leningr.inst.kul'tury, No 104, 1986. p.33-37

88-130 128-821
Shekhrin, D.E.: Towards the concept of "specialised information". Orig.ru. Sborn.nauch.tr.,Leningr.inst.kul'tury, No 104 1986. p.70-89, 22 refs.

13 Mathematics in Classification

88-131 131
Dunaev, V.V.: Methodological aspects of the relational classification theory. Orig.ru. Nauch.-tekh.inform.,Ser.2, No 2, 1987. p.21-27, 9 refs.

88-132 132
Kipke, U.; Wille, R.: Formale Begriffsanalyse erläutert an einem Wortfeld. (Formal concept analysis explained by a word field) Orig.de. LDV-Forum Vol 5, No 1, 1987. p.31-36, 13 refs. The formal concept analysis can be effectively supported by computer; several programs have been developed already. It has proven to be a useful tool in several application areas.

14 Systems Theory in Classification

88-133 141
Löckenhoff, H.: Book review of: Dress, A., Hendrichs, H., Küppers, G.: Selbstorganisation. Die Entstehung von Ordnung in Natur und Gesellschaft (Self-organization. The origin of order in nature and society). München-Zürich: Piper 1986. 234p. Orig.en. Int.Classif. Vol 14, No 3, 1987. p.168-170

88-134 143
Systems research: Methodological problems: Yearbook, 1986. Orig.ru. Moskva, SU: Nauka 1987. 446p. Contains - among others - the following contributions: 88-135 Yudin, B.G.: Integration of sciences and systems research. 88-136 Yablonskij, A.I.: Organisation and management in complex systems: The problem of science modelling. 88-137 Shchedrovitskij, G.P.: The mental activity schema: systems-structural organisation, meaning and content.

88-138 143
Orishaka, S.A.: Systems analysis as a factor of scientific and technological advance. Orig.ru. In: Sistem.anal.nauch.znaniya. Odessa, SU 1986. p.3-5, 2 refs.

88-139 145
Schurz, G.: Der neue Strukturalismus. (The new structuralism) Orig.de. Conceptus Vol 21, No 52, 1987. p.113-127, 14 refs. This is a review article on the following two publications: Balzer, W.: Theorie und Messung. Berlin, etc.: Springer 1985. Stegmüller, W.: Die Entwicklung des neuen Strukturalismus seit 1973. Berlin, etc.: Springer 1986.

15 Psychology and Classification

See also 88-062

88-140 152
Lieberman, E.A.; Minina, S.V.; Shklovskij-Kordi, N.E.: The brain as a system of quantum computers and the route towards unification of sciences. Orig.ru. Moskva, SU: Inst.Probl.Peredachi Inform. 1986. 69p., 63 refs.

88-141 153
Kormunov, A.M.; Mantatov, V.V.: Humanitarian knowledge and comprehension. Orig.ru. Filos.N., No 5, 1986. p.35-45, 15 refs.

88-142 153
Mikhaj, N.G.; Granevskij, V.V.: Methodological and Weltanschauung issues of natural-scientific knowledge. Orig.ru. Kishinev: Shtinitsa 1987. 175p.

88-143 153
Militarev, V.Yu.: Reflection and comprehension in informatics. Orig.ru. In: Psikhol.i sotsiol.aspekty deyat-sti nauch.-tekh. bibliotek i sluzhb NTI. Riga 1986. p.47-49

88-144 153
Pribytkov, G.I.: On the forms of subjective image of the objective world as a gnosiological prerequisite of social consciousness nessforms. Orig.ru. In: Soznanie i lichnost'. Barnaul, SU 1986. p.3-13, 5 refs.

88-145 154
Löckenhoff, H.: Book review of: Maturana, H., Varela, F.: Der Baum der Erkenntnis. Die biologischen Wurzeln des menschlichen Erkennens (The tree of cognition. The biological roots of human cognition). Bern-München-Wien: Scherz 1987. 280p. Orig.de. Int.Classif. Vol 14, No 3, 1987. p.170-172

88-146 155
Gainotti, G.; Carlomagno, S.; Craca, A.; Silveri, M.C.: Disorders of classificatory activity in aphasia. Brain and Language Vol 28, No 2, 1986. p.181-195, refs.p.194-195

88-147 156
Comprehension as a philosophic-methodological problem: A round table. Pt.3. Orig.ru. Vopr.filos., No 9, 1986. p.49-64, 6 refs.

88-148 156
Sil'dmyae, I.: Knowledge: Cogitology. Orig.ru. Tallin, SU: Eesti Raamat 1987. 129p.

88-149 156
Andros, E.I.: Objectification as a cognitive activity problem. Orig.ru. In: Logika nauch.poznaniya: Mater.9 Vses.soversh.po logike, metodol.i filos.nauki. Moskva, SU 1986. p.5-6

88-150 156
Grishkin, I.I.: Information-semiotic criterion of new scientific knowledge. Orig.ru. In: Logika nauch.poznaniya: Mater.9 Vses.soversh.po logike, metodol.i filos. nauki. Moskva, SU 1986. p.20-22, 2 refs.

88-151 156
Antipov, G.A.: The problem of new knowledge development and the ways to its analysis. Orig.ru. In: Metodol.probl.nauki. Novosibirsk, SU 1986. p.4-13, 12 refs.

88-152 156
Kirsanova, L.A.; Milashevich, V.V.; Yachin, S.E.: On scientific knowledge subjectivisation. Orig.ru. In: Ob'ektiv.i sub'ektiv. v obshchestv.razviti: K issled.probl.cheloveka. Vyp.3. Vladivostok, SU 1987. p.83-88

88-153 156
Ladenko, I.S.: Methodology in mastering the universe of knowledge and cognition. Orig.ru. In: Probl.medotol.kul'tury uchenogo. Novosibirsk, SU 1986. p.126-144, 9 refs.

88-154 156
Orlowska, E.: Logic for reasoning about knowledge. Orig. pl. Pr./IPI PAN, No 594 1986. p.1-20, 11 refs.

88-155 157
Hall, L.O.; Bandler, W.: Relational knowledge acquisition. In: Artif.Intell.Appl.Eng.Knowledge-based Syst. Amsterdam, NL 1985. p.509-513, 15 refs.

88-156 157
Subbotii, M.M.: Computer application for constructing conceptual reasoning. Orig.ru. Nauch.-tekh.inform.,Ser.2, No 11, 1986. p.1-7, 8 refs.

16 Development of Science and Classification

See also 88-062

88-157 162
Sidorenko, V.S.: Interaction of library-bibliographic disciplines and informatics as a type of interdisciplinary integration. Orig.ru. Sb.nauch.tr.,Leningr.inst.kul'tury, No 104, 1986. p.138-147, 14 refs.

88-158 1627
Komendzinski, T.: Tadeusz Czezowski's conception of the semiotic unity of science. Orig.pl. Zag.naukozn. Vol 22, No 2, 1986. p.339-351, 24 refs.

88-159 163
Methodological problems of contemporary science. Orig.ru. Gor'kiy, SU: Universitet 1986. 192p.

88-160 163
Kochergin, A.N. (Ed.): Methodological problems of science. Orig.ru. Novosibirsk, SU: Universitet 1986. 135p.

88-161 164
Antonov, A.N.: Generative systems: Continuity and emergence of new knowledge in science. Orig.ru. In: Sistem.issled.: Metodol.probl.Ezhegod 1986. Moskva, SU 1987. p.388-397, 19 refs.

88-162 164
Zagaiko, T.K.: Systematicity in scientific knowledge development. Orig.ru. In: Dialekt.materializm i filos.vopr.estestvozn.: Metodol.probl.estestvennonauch.poznaniya. Moskva, SU 1986. p.142-149, 12 refs. Discussion of the concepts "scientific concept", "scientific law", "theory". The analysis shows the systematic character of the law underlying the process of scientific knowledge development.

88-163 165; 128-122
Stognij, A.A.; Glazunov, N.M.: Knowledge integration in database systems. Orig.ru. In: Metodologicheskie problemy kibernetiki i informatiki. Kiev, SU 1986. p.37-38, 25 refs.

88-164 167
Alekseeva, I.Yu.: Knowledge as an object of computer modelling. Orig.ru. Vopr.filos., No 5, 1987. p.42-49, 28 refs.

17 Problems in Classification

See also 88-107

88-165 178-51/4; 651/4
Magami, Y.: Problems involved in a change of subject headings in medicine. Orig.ja. Onrain kesaku Vol 7, No 2, 1986. p.70-74

19 History of Classification

See also 88-293, 88-422

88-166 191
Sergeev, K.A.; Slinin, Ya.A.: The dialectic of the categorical forms of cognition: Aristotle's cosmos and the New Age science. Orig.ru. Leningrad, SU 1987. 169p.

88-167 191
Tudor-Silovis, N.: Knowledge unification and accessibility. Orig.sh. Informatika Vol 19, No 6, 1985. p.365-378, 15 refs. Traces the history of bibliography, library science, documentation, etc. in connection with the 90th anniversary of FID.

88-168 192.44
Miksa, F.: The development of classification at the Library of Congress. Urbana-Champaign, IL: University of Illinois Graduate School of Library and Information Science 1984. 78p., Occasional Papers, 164

The publication describes for the first time chronologically generation and development of the Library of Congress Classification from its very beginning up to the present, including also its influences (sociological, economical and political) on the development of classification in general.

2 STRUCTURE AND CONSTRUCTION OF CS & T

21 General questions of CS & T

See also 88-096, 88-097

88-169 211
Ruchinskaya, E.M.: On the relationship of the principle of objectivity in a subject heading language and the principle of integrity in the correlation between scientific disciplines. Orig.ru. Mezhuuz.sb.nauch.tr., Mosk.inst.kul'tury, No 81, 1986. p.121-127, 10 refs.

88-170 215
Tysenko, E.V.: Representation of knowledge about grammatical attributes of natural language units in an indexing language. Orig.ru. Struktur.i prikl.lingv., No 3, 1987. p.173-80, 1 ref.

218 USE MADE OF CLASSIFICATION SYSTEMS See 88-285, 88-287

22 Elements of CS & T

See also 88-190

88-171 222
Grinev, S.V.: Nomenclature units regulating prospects and prerequisites. Orig.ru. Nauch.-tekh.terminol. No 10, 1986. p.1-15

88-172 222
Noguchi, T.: A study of classification note in NDC. Orig.ja. Toshokan-kai. Library World 38(1986)No 3, p.143-147, 10 refs.

88-173 223
Gusejn-Zade, S.M.: On keywords frequency of occurrence and on other ranked series. Orig.ru. Nauch.-tekh.inform., Ser.2, No 1 1987. p.28-32, 8 refs.

88-174 224
Iyer, H.; Lalitha, S.: Hierarchical structures and effectiveness of indexing language. Libr.Sci.Slant Doc. 22(1985)No 2, p.65-76, 4 refs.

225 FACETS. FACETED CLASSIFICATION See 88-204, 88-262

88-175 226.126
Dobrokhotova, I.Yu.: General-scientific vocabulary in a terminological thesaurus. Orig.ru. Nauch.-tekh.terminol., No 2, 1987. p.8-11, 11 refs.

88-176 227
Urbanija, J.: False coordination. Orig.sn. Organ.in kadri Vol 19, No 9-10, 1987. p.703-709, 10 refs. Definition of "descriptor" and "descriptor language" and discussion of relations between descriptors, possible false coordinations, the method of their exclusion and the economy of the complete process. (Author, abr.)

88-177 228-26; 368-26
Dubois, J.E.; Panaye, A.; Attias, R.: DARC system: Notions of defined and generic substructures. Filiation and coding of FREL

substructure (SS) classes. J.Chem.Inform.& Comput.Sci. Vol 27, No 2, 1987. p.74-82, 31 refs.

88-178 228-26
Nilakantan, R.; Bauman, M.; Dixon, J.S.; Venkataraghavan, R.: Topological torsion: a new molecular descriptor for SAR applications Comparison with other descriptors. J.Chem.Inform.& Comput.Sci. Vol 27, No 2, 1987. p.82-85, 14 refs.

23 Construction of CS & T

See also 88-075

88-179 231
Janik, S.; Brunet, L.: La mise à jour d'un thésaurus. (The examination of a thesaurus) Orig.fr. Documentaliste Vol 24, No 6 1987. p.215-229, 31 refs.

88-180 234
Artamonov, G.T.; Antopol'skij, A.B.: Problems encountered when developing linguistic facilities for information networks. Orig.ru. Nauch.-tekh.inform.Ser.2, No 10, 1986. p.1-7, 16 refs.

88-181 234
Gendina, N.I.: Linguistic support of automated library systems databases, with special reference to a district science library. Orig.ru. In: Raspredel.avtomatizir.bibl.-inform.sistemy i seti. Novosibirsk, SU 1986. p.148-171, 35 refs.

88-182 234
Sližová, D.: Linguistic problems of IKIS-KZK and INIS-KZK (HEADINGS). Orig.sk. In: INFO'87. Bratislava, CS 1987. p.129-137, 212, 226, 11 refs.

88-183 234
Zakharov, V.P.: Linguistic support of multi-subject document retrieval. Orig.ru. Struktur i prikl.lingv., No 3, 1987. p.149-153, 4 refs.

88-184 237
Fumio, T.; Makoto, S.: Statistical analysis of terms in JICST files and its use to thesaurus compilation. Orig. ja. Joho Kanri Vol 29, No 12, 1987. p.1035-1052, 4 refs.

88-185 237
Haynes, D.: Thesaurus construction using a micro. Orig. en. Library Micromation News, No 13, 1986. p.8-12, 2 refs.

88-186 237
Markey, K.: Computer-assisted construction of a thematic catalog of primary and secondary subject matter. Orig. en. Visual Resources Vol 3, No 1, 1983. p.16-49, 21 refs.

24 Relationships

See also 88-078, 88-079

88-187 241
Johansen, Th.: On the relationship of material subjects. Int.Classif. Vol 14, No 3, 1987. p.138-144, 7 refs.

88-188 241
Zhuravlev, V.F.: Semantic and logical relations among concepts and terms in the fields of science. Orig. ru. In: Podgot.i ispol'z.nauch.-tekh.slov.v sisteme inform.obespech.. Moskva, SU 1986. p.45-47

88-189 243
Suominen, V.: Syntactic relations of meaning presented in the literature on classification and documentary language. Orig.fi Kirjastotiede ja informatikka 5(1986)No 1, p.3-11, 16 refs.

88-190 243; 225
Gopinath, M.A.: Postulational approach to analytico-synthetic classification. Libr.Sci.Slant Doc. 22(1985)No 4, p.204-29, 18 refs.

88-191 244; 721; 761
Yaroslavtseva, E.I.: Information dictionary-thesaurus and definition of semantic relations in language and the text. Orig. ru. Podgot.i ispol'z.nauch.-tekh.slov.v sisteme inform.obespech. Moskva, SU 1986. p.61-62

88-192 247
Bantzer, P.; Toussaint, C.: Information Retrieval - relational. Orig.de. Nachr.Dok. Vol 38, No 6, 1987. p.351-360, 7 refs. Design of a relational conceptual data scheme for an information retrieval system. Possible international representations of the pointer relation between descriptors and documents are discussed using the example of SUPRA and ORACLE physical file types. An algorithm for the transformation of basic items of the standardized retrieval language "Common Command Language" (CCL) in a relational data manipulation language is given. A last topic deals with integrity problems. (Authors, abr.)

88-193 247
Kristal'nyj, B.V.; Sharykin, V.I.: Representing the subject domain semantics within the factual database structure. Orig.ru. Nauch.-tekhn.inform., Ser.2, No 6, 1986. p.6-11, 18 refs.

88-194 247
Teorey, T.J.; Yang, D., Fry, J.P.: A logical design methodology for relational databases using the extended entity-relationship model. Comput.Surv. 18(1986)No 2, p.197-222, 36 refs.

25 Numerical Taxonomy

88-195 251
Barthelemy, J.-P.; Guenoche, A.: Les arbres et les representations des proximités. (Trees and proximity representations) Orig.fr. Vineuil (FR-41353): Maison du Livre Spécialisé 1988. 256p.

88-196 252
Dubes, R.C.: How many clusters are best? - An experiment. Pattern Recognition Vol 20, No 6, 1987. p.645-663, 24 refs.

88-197 255
Lam, L.; Suen, Ch.Y.: Structural classification and relaxation matching of totally unconstrained handwritten ZIP-Code Numbers. Pattern Recognition Vol 21, No 1, 1988. p.19-31, 16 refs.

88-198 255
Paglieroni, D.W.; Jain, A.K.: Fast classification of discrete shape contours. Pattern Recognition Vol 20, No 6, 1987. p.583-598, 23 refs.

88-199 255
Radhakrishnan, V.; Nagaraja, G.: Inference of even linear grammars and its application to picture description languages. Pattern Recognition Vol 21, No 1, 1988. p.55-62, 13 refs.

88-200 255
Roach, J.W.; Tatem, J.E.: Using domain knowledge in low-level visual processing to interpret handwritten music: an experiment. Pattern Recognition 21(1988)No 1, p.33-44, 17 refs.

88-201 258-31
Pasian, F.; Pucillo, M.: A system for morphological analysis and classification of astronomical objects. In: Image Analysis & Process. New York, NY: Plenum Press 1986. p.197-204, 8 refs.

88-202 258-327
Hjort, N.L.; Mohn, E., Storvik, G.: Simulation study of some contextual classification methods for remotely sensed data. Oslo, NO: Norsk Regnesentral 1986. 5p., NTIS. N87-17252/4/HCW

88-203 258-822
Molotkov, L.I.; Baturin, A.B.: A technique for analysing database coverage of journal papers through subject clustering of journals. Orig.ru. Probl.inform.sistem., No 3, 1986. p.15-38, 27 refs.

26 Notation, Codes

88-204 261; 225
Vohra, R.: The problem of notation and faceted classification. Orig.en. In: Sewa Singh (Ed.): Librarianship and Libr.Science Education. A collection of essays in honour of Dr.J.S.Sharma. New Delhi, IN: Ess Ess Publ. 1988. p.381-387

27 Revision, Updating, & Maintenance

88-205 271
Salas-Tull, L.; Halverson, J.: Subject heading revision. A comparative study. Cat.& Classif.Quarterly Vol 7, No 3, 1987. p.3-12, 2 refs.

88-206 272
Maintaining a GASNTI IR thesaurus. Methodological recommendations. Orig.ru. Moskva, SU: GKNT 1987. 42p.

28 Compatibility and Concordance

88-207 282
Chamis, A.Y.: The usefulness of switching vocabularies for on-line databases. In: ASIS '85. White Plains, NY, Vol 22, 1985. p.311-314, 4 refs.

29 Evaluation of CS & T

88-208 291
Kovar, B.: Theoretical and methodological preconditions of the study and evaluation of modern indexing languages. Orig. cz. Cs.inform. Vol 29, No 2, 1987. p.37-43, 62 refs.

88-209 293
Eastman, C.M.: An approach to the evaluation of catalog selection systems. Inform.Process. & Management Vol 24, No 1, 1988. p.23-30, 27 refs.

88-210 293
Li, Yu.B.: Quality analysis of UDC-based classification of scientific and technical literature. Orig.ru. Mezhvuz.sb.nauch.tr. Mosk.inst.kul'tury, No 81, 1986. p.99-100, 4 refs.

88-211 298-51/4
Mico, H.M.: A comparison of subject access systems in medicine: LCSH, MeSH, PRECIS. In: ASIS '85. White Plains, NY, Vol 22, 1985. p.41-53

3 CLASSING AND INDEXING

31 Theory of Classing and Indexing

88-212 311.935
Fu, L.; Sun, B., Yu, H.: Approach to indexing languages and indexing problems in China. (abridged). Orig.en. In: China Society for Scientific and Technical Information (CSSTI): Proc. 1985 Beijing Int.Symp.on Computerized Inform.Retrieval; Beijing, CN 1985. p.161-165

88-213 313
Roy, Richard: Classer par centres d'intérêt. (Classing according to fields of interest) Orig.fr. Bull.Bibl.France Vol 31, No 3, 1986. p.224-231

32 Subject Analysis

88-214 321
Kremer-Marietti, A.: Thematic analysis. In: Encyclop.Lib. & Inform.Sci., New York-Basel Vol 41, Suppl.6 1986. p.332-339, 37 refs.

88-215 322
Pratap Lingam, P.: Use of analytical (classification) reference framework as a methodology for structuring and presenting elements in functional, divisional and corporate plans, and for providing information/support services to planners in business and industry. Orig.en. Int.Forum Inform.Doc. Vol 12, No 3, 1987. p.21-24, 6 refs.

88-216 322
Su, St.Y.W.; Raschid, L.: Incorporating knowledge rules in a semantic data model: An approach to integrated knowledge management. In: Artif.Intell.Appl.Eng.Knowledge-Based Syst. Amsterdam, NL 1985. p.250-256, 28 refs.

33 Classing and Indexing Techniques

See also 88-098

88-217 337
Austin, D.: PRECIS. In: Encyclopedia of Libr.& Inform.Sci. Vol 42, Supplement 7, 1987. p.375-422, 9 refs.

88-218 337
Petrucciani, A.: PRECIS: An indexing system which is being experimented with in Italy. Orig. it. Indicizzazione Vol 2, No 1, 1987. p.9-19

88-219 337.01
Balanza, A.; Foschi, F., Lorenzi, A.M.: Bibliographic contribution on PRECIS. Orig.it. Indicizzazione Vol 2, No 1, 1987. p.20-46, 7 refs., 268 sources

88-220 337.07
Dykstra, M.: PRECIS. A primer. rev.reprint. Metuchen, NJ: Scarecrow Press 1987. 270p., ISBN 0-8108-2060-9

88-221 337.388
Congreve, J.: Browsing through PRECIS. Structured subject access in an online catalogue. In: Kinsella, J. (Ed.); Online public access to library files. 2nd Natl.Conf., Oxford, GB. Elsevier Int.Bull. 1986. p.67-77, 2 refs.

34 Automatic Classing and Indexing

88-222 342
Crouch, C.J.: An analysis of approximate versus exact discrimination values. Inform.Process.& Management Vol 24, No 1, 1988. p.5-16, 13 refs.

88-223 342
El-Hamdouchi, A.; Willet, P.: An improved algorithm for the calculation of exact term discrimination values. Inform.Process.& Management Vol 24, No 1, 1988. p.17-22

88-224 343
Kwok, K.L.: The concept of document components for probabilistic indexing. In: ASIS '86. Medford, N.J. Vol 23, 1986. p.158-162, 17 refs.

88-225 341
Robertson, S.E.: Development of the unified probabilistic model London, GB: City University 1986. 9p., refs., BLRD Report 5881

88-226 3433
Shaw, W.M.Jr.: On the statistical validity of document partitions. In: ASIS '85. White Plains, NY. Vol 22, 1985. p.116-119, 13 refs.

88-227 344; 88-51/4
Humphrey, S.M.; Miller, N.E.: The NLM indexing aid project. In: ASIS '86. Medford, NJ. Vol 23, 1986. p.106-112, 13 refs.

88-228 345
Piggott, M.: Book review of: Craven, T.C.: String indexing. Orlando-London: Academic Press 1986. XI, 246p. Indexer Vol 15, No 4, 1987. p.249-250

88-229 348
Birund, H.; Kreplin, K.: Dokumentenmodell und automatische Klassifikation im Bürodokumentenarchiv MUL.TOS. (Document model and automatic classification in the office document archives MUL.TOS) Orig.de. In: Schek, H.J., Schlageter, G.; Datenbanksysteme in Büro, Technik und Wissenschaft. Proc.GI-Fachtag., Darmstadt, 1-3 April 1987. Berlin, DE: Springer 1987. p.84-99, 29 refs.

88-230 348
Foroutan, I.; Sklansky, J.: Feature selection for automatic classification of non-Gaussian data. IEEE Transaction Systems, Man and Cybernetics Vol 17, No 2, 1987. p.187-98, 39 refs.

88-231 348
Panyr, J.: Conceptual clustering and relevance feedback. Orig.en. Int.Classif. Vol 14, No 3, 1987. p.133-137, 32 refs.

35 Manual and Automatic Ordering

See also 88-264

88-232 351; 115
Tarasyavichyus, A.P.: Structuring an object database. Orig.ru. Klassifikatory i dok., No 2, 1987. p.10-13

88-233 355.764
Yannakoudakis, E.J.: An efficient file structure for specialized dictionaries and other "lumpy" data. Inform.Process. & Management Vol 23, No 6, 1987. p.563-571, 8 refs.

88-234 3558-538
Wood, J.B.: Correspondence of document file structures to discipline structures. Inform.Process. & Management Vol 23, No 6, 1987. p.555-562, 16 refs.

To improve the usefulness of online data bases it was investigated how well the field of tropical medicine was represented by the MEDLINE database. The study is based on a comparison of index terms applied to articles on tropical diseases (MEDLINE) with a structure for the field of tropical medicine.

36 Coding

See also 88-177

88-235 368-26
Wirth, K.: Coding of relational descriptins of molecular structures. J.Chem. Inform. Comput. Sci. Vol 26, No 4, 1986. p.242-249

37 Reclassification

88-236 373
Cochetti, M.: The project of catalog's conversion in the Herzog August Bibliothek. Orig. it. Bibliotecario, No 13, 1987. p.97-101

The paper explains the aims and the program of an information retrieval project for the cataloguing of old books at the HAB including also the conceptual classification.

88-237 373
Heinzle, F.: Freihand-Resystematisierung durch Fremddatenübernahme aus dem Verbundkatalog des Landes Nordrhein-Westfalen: ein Erfahrungsbericht. (Open-shelf reclassification by data integration from the union catalogue of the state North Rhine-Westphalia: Report on experiences) Orig.de. In: Zur Internationalität wissenschaftlicher Bibliotheken. 76. Deutscher Bibliothekartag in Oldenburg. Frankfurt/Main: Klosternann 1987. p.199-208, ISBN Z.Bibl.wes.u.Bibliogr., Sonderheft 44/1987

88-238 377
Petri, S.: The reclassification at Stockholm City Library. Orig. sv. Biblioteksbladet Vol 71, No 5, 1986. p.157-158

38 Index Generation and Programs

See also 88-221, 88-288

88-239 381
Craven, T.C.: An online index entry format based on multiple search terms. J.Doc. Vol 43, No 1, 1987. p.46-53, 19 refs.

88-240 383
Craven, T.C.: An experimental electronic worksheet for articulated index production. In: ASIS '85. White Plains, NY. Vol 22, 1985. p.315-318, 14 refs.

88-241 383
Dreiler, J.: Herstellung eines rotierten, vierstufig ausgedruckten Schlagwortregisters auf einem Personalcomputer mit Hilfe von Standardsoftware (dBASE III PLUS, SuperSort, WordStar). (The setting up of a rotated index of subject headings printed out in four stages on a personal computer with the help of standard software (dBASE III PLUS, SuperSort, WordStar)) Orig.de. Nachr.Dok. Vol 38, No 5, 1987. p.283-291, 18 refs.

88-242 383
Kosova, L.V.: Foreign systems for automated compilation of subject indexes. Orig.ru. In: Lingv.obespech.inform.sistem. Moskva, SU 1987. p.43-72, 57 refs.

88-243 386
Julvezan, J.: Book review of: Pratt, A.D.: INDEXIT: A microcomputer indexing program and manual. New Haven, CT: Graham Conley Press 1986. J.Academic Librarianship 12(1987)No 6, p.374-375

88-244 388-93
McClellan, W.M.: Microformatted music indexes. Orig.en. Microform Rev. Vol 16, 1987. p.21-31

88-245 389
Farber, E.I.: A keyword index to the reference collection. American Libraries Vol 18, No 6, 1987. p.440-441

39 Evaluation of Classing and Indexing

88-247 393
Biswas, G.; Subramaniam, V.; Bezdek, J.C.: A knowledge-based system approach to document retrieval. In: Artif.Intell.Appl.Eng. Knowledge-Based Syst. Amsterdam, NL 1985. p.455-460, 20 refs.

88-248 393
Dhall, S.K.; Lakshmiarahan, S.: Effect of data organization in a system of interleaved memories on the performance of parallel search. Inform.Sci. Vol 39, No 3, 1986. p.219-46, 10 refs.

88-249 396
Antopol'skii, A.8.; Slivnitsina, N.A. Uchvatkii, I.M.: Analysis of the use of controlled and free vocabularies in dialog searching in foreign databases. Orig. ru. Nauch.-tekhn.inform., Ser.2, No 1, 1987. p.15-22. In English in: Autom.Doc.& Math. Ling.21(1987)No.1, p.22-35, 14 refs.
Contains an experimental study of interactive search capacity of the INSPEC database with controlled and free vocabulary.

88-250 396
Dubois, C.P.R.: Free text vs. controlled vocabulary: a reassessment. Online Review Vol 11, No 4, 1987. p.243-253, 28 refs.
Free text and controlled vocabulary both display advantages and weaknesses; the option: to use both. An attempt is made to present a list of features associated with the two techniques and to suggest a methodology to assist in deciding on the optimal retrieval technique for a particular purpose.
(Author, mod.)

88-251 396
Giere, W.; Dettmer, H.: Free-text classification and retrieval based on a thesaurus: Eight years of experience at the Johann-Wolfgang-Goethe University, Medical School. Orig.en. In: 10th Annual Symp.Comput.Appl.Med.Care. Washington, DC 1986. p.85-88, 4 refs.

Description of the software package BAIK (Befunddokumentation und Arztbriefschreibung im Krankenhaus) according to structure functions, and performance characteristics. It supports medical record keeping for numeric, coded and free text data which can be automatically classified using a thesaurus.

88-252 396
Johst, V.: Zur Verwendung von kontrolliertem Vokabular und Freitextsuche bei der Nutzung des AIS MEDLINE. (Application of a controlled vocabulary and free text searching in using the AIS MEDLINE) Orig.de. DDR-Med.-Rep. 16(1987)No 3, p.135-140, 6 refs.

88-253 396.753
McCain, K.W.; White, H.D.; Griffith, B.C.: Comparing retrieval performances in online data bases. Inform.Process. & Management Vol 23, No 6, 1987. p.539-553, 17 refs.
Systematic comparison of retrievals on 11 topics across 5 well-known data bases with MEDLINE's subject indexing focussed.

88-254 398-384
Kabata, H.: Online information systems comparison of metallurgical subject databases: Technical terms searching. Orig. ja. Dai kai joho kagaku gijutsu happyo rombunshu, No 22, 1985. p.241-246

88-255 398-384
Noda, M.: Online information systems comparison of metallurgical subject database: Searching example on INKA. Orig. ja. Dai kai joho kagaku gijutsu happyo rombunshu, No 22, 1985. p.255-62

88-256 398-384
Shimamoto, K.: Online information systems comparison of metallurgical subject databases: (1) General review of comparison experiences. Orig. ja. Dai kai joho kagaku gijutsu happyo rombunshu, No 22, 1985. p.235-240, 10 refs.

88-257 398-538
Shnirel'man, A.I.; Semenova, L.A.; Khokhlova, V.A. et al.: Experience of keyword-based searching in the VINITI Oncology database (1981-1984). Orig. ru. Nauch.-tekhn. inform., Ser. 1, No 2, 1987. p.15-17, 5 refs.

4 ON UNIVERSAL SYSTEMS

41 On Universal CS & T in General

See also 88-089

88-258 411
Sahi, S.S.: Rudiments in library classification: Theory and practice. Hyderabad, IN: Andhra Pradesh Libr. Assoc. 1987. 319p.

88-259 415
Grazhdannikov, E.D.: A method for constructing a systems classification of sciences. Orig. ru. Novosibirsk, SU: Nauka 1987. 120p.

42 On the Universal Decimal Classification

See also 88-069 - 88-073

88-260 42.07
Bose, H.: Universal Decimal Classification. Orig. en. New Delhi, IN: Sterling 1987. 173p.

88-261 42.217
Takahashi, M.: UDC promotion. Orig. ja. Dai kai joho kagaku gijutsu happyo rombunshu, No 22, 1985. p.211-218, 12 refs.
The Japan Documentation Society has developed an Index and Schedule Production System from a Mastertape (PRISM) system. By this, UDC schedules will become more easily available; their use is facilitated in computer-based IR systems.
(Author, mod.)

88-262 42.225; 42.6-37
Arnaudov, V.S.: Logical analysis of the UDC structure and possibilities of its facitisation: The case of UDC 622 "Mining". Orig. ru. Mezhvuz. sb. nauch. tr., Mosk. inst. kul'tury, No 81, 1986. p.110-120, 3 refs.

88-263 42.3.99
Orlinkova, O.L.: The composition of problem oriented working tables of classification by UDC. Orig. ru. Nauch. i tekhn. Biblioteki SSSR, No 3, 1986. p.19-29

88-264 42.354
Reshelling the holdings and catalogues on the bases of the new edition of UDC tables in area-libraries and public libraries. Orig. bg. Bibliotekar - Sofia Vol 37, No 4, 1987. p.17-21
In 1985 a new edition of the UDC was printed in Bulgaria. Directions are given for planning, methodology, sequence and favorable dates for the new classification of the holdings and the new work for the systematic catalogue.

88-265 42.88-73
Baltova, A.: Indexing technical literature by the new UDC tables. Orig. bg. Bibliotekar Vol 33, No 12, 1986. p.2-7

88-266 42.98
Greaves, M.A.: The Universal Decimal Classification and its use in Nigeria. Orig. en. Int. Forum Inform. Doc. Vol 12, No 3, 1987. p.25-31, 19 refs.

43 On the Dewey Decimal Classification (DDC)

See also 88-386

88-267 43.49
Satija, M.P.: Book review of: South, M.L. (Ed.): Dewey Decimal Classification for School Libraries. Brit. & Int. ed. Albany, NY: Forest Press 1986. IX, 179p. Int. Classif. Vol 14, No 3, 1987. p.166-167, 4 refs.

88-268 43.6-83
DeHart, F.E.; Meder, M.D.: Structure in computer science. DDC reflections. Techn. Services Quarterly Vol 4, No 3, 1987. p.41-54, 17 refs.
The structure of the new expanded version of DDC schedules for data processing, computer science and computer engineering was examined relative to the structure of Computing Reviews and the one in the new Encyclopedia Britannica. Implications for future revision work have been identified. (Authors, abr.)

88-269 43.6-92
Sartor, F.: Classification of literature and philological sciences, with special reference to the Greek and Latin cultures. Orig. it. Indicizzazione Vol 2, No 1, 1987. p.62-76
The DDC subdivisions 870 and 880 (Latin and Greek Literature) were compared with the models of classification of "Année Philologique". The inadequacy of the former is stressed, whereas the latter allows a multi-disciplinary approach. (Orig. abr.)

88-270 43.984 CA
Survey of Canadian libraries and their uses of Dewey Decimal Classification. National Library News 19(1987)No 3-4, p.2

44 On the Library of Congress Classification

and ON THE LIBRARY OF CONGRESS SUBJECT HEADINGS

see also 88-168

88-271 44.6-66
Goldberg, J.E.: Library of Congress class KK: Law of Germany: a historical review of law classification. Orig. en. In: Parliament und Bibliothek. München, DE: K.G. Saur Verl. 1986. p.328-44

88-272 44.6-66
Goldberg, J.E.: Library of Congress law classification: the regional schedules. Law Library J. 79(1987)No 1, p.67-91, 49 refs.
Describes the new KJ-KKZ regional schedules for the law of Europe. It uses the schedules to illustrate Library of Congress' approach to the policy-making process and the reasons for sudden changes in policies. (Author, abr.)

88-273 44.812
Knutson, G.: Does the catalogue record make a difference? Access points and book use. Coll. & Res. Libr. Vol 47, No 5, 1986. p.460-469, 17 refs.
1105 catalogue entries were investigated in 3 LCC Classes and one subclass by comparing number and type of source with frequency of loan and type of user. Some interesting trends in the relationships between descriptor- and type of user could be found. (Author, abr.)

88-274 448.29
Khosh-Kui, A.: Effects of subject specificity: Part 1: Specificity of LC Subject Headings and depth of subject analysis in monographic records. Part 2: Relationship of LC Subject Headings specificity and class notation length. Techn. Services Quart. 4(1986)No 2, p.59-67, 12 refs., No. 3, p.33-9, 10 refs.
Subject headings in 7834 LC monographic MARC records were analysed. The study concluded that using more specific subject headings does not reduce the mean of headings per bibliographic record. This number most likely depends on the variation of topics discussed in a document, the availability of specific headings to cover multiple topics and local policy. (Author, abr.)

45 On the Bliss Classification (BBC)

88-275 45.6-6
Kaula, P.: Book review of: Mills, J., Broughton, V.: Bliss Bibliographic Classification, ed. 2, Class K: Society. London: Butterworth 1984. 167p. Herald Libr. Sci. Vol 26, No 1-2, 1987. p.120-122

47 On the Library Bibliographical Classif.

See also 88-053

(LBC/BBK)

88-276 47.6-66; 9847.6-66
Dobchev, P.: Experience of the Central Library of the Bulgarian Academy of Science in applying the LBC to the Bulgarian law literature. Orig. bg. Bibliotekar 33(1986)No 7, p.5-10, 8 refs.

88-277 47.989; 47.6-46
Runeva, M.: Introducing LBC in scientific agricultural libraries. Orig. bg. Bibliotekar Vol 34, No 1, 1987. p.7-8

48 On Other Universal Systems

see also 88-074

88-278 481
Bilek, M.: Science classification. Orig. sh. Bibliotekarstvo Vol 30, 1984. p.15-27, 17 refs.

Description of the structure of the new Marxist classification of the sciences, developed in the USSR by M.V. Bagrad. It introduces six elemental properties of matter versus just one in the work of Engels who considered only the mechanical form of movement of matter. (Author, abr.)

88-279 482
Ishikawa, T.; Shinohara, M.: An indexing system based on the Nippon Decimal Classification. Orig. ja. Dai kai Joho Kagaku gijutsu kenkyu happyo ronbunshu, No 22, 1985. p.201-9, 9 refs.

88-280 483
Hirešvá, Z.: Investigation of the information retrieval language in the Slovak Academic of Sciences. Orig. sk. Kn.ved.inform., Martin Vol 18, No 3, 1986. p.110-115

88-281 483
Kazakov, E.N.: Developing general-purpose information systems on the basis of a generalised thesaurus. Orig. ru. In: Inform. processy i ikh avtomatiz. Moskva, SU 1987. p.134-145

88-282 483
Slizová, D.: The starting point for the list of concepts in IBIS (library and information system). Orig. sk. Citatel' - Martin Vol 35, No 6, 1986. p.212-213

The list of concepts used since 1983 for the computerized Slovak National Bibliography is also meant to serve for the subject catalogues of the libraries of the integrated library and information system. Some 200 000 subject headings have to be accommodated until 1989.

88-283 486
Saito, K.; Sakagami, Y.; Totsuka, T.: JICST Thesaurus: Compilation of the 1987 edition. Orig. ja. Joho Kanri Vol 29, No 11, 1987. p.952-964, 11 refs.

88-284 486
Krivoshanov, V.E.; Urusova, T.V.: Improving the GASNTI Subject Authority by example of the "Flexible manufacturing system" subject headings. Orig. ru. In: Inform. protsessy i ikh avtomatiz. Moskva, SU 1987. p.101-104, 4 refs.

88-285 486.218
Kristal'nyj, B.V.; Glinskij, V.A.; Zotova, N.M. et al.: Using the GASNTI Subject Authority in preparing information publications - methodological recommendations. Orig. ru. Moskva, SU: VINITI 1986. 15p., 8 refs.

487 ON PATENT CLASSIFICATION SYSTEMS
see also 88-084

88-286 487
Jialian, S.: Fourteen years of continuous efforts for the Chinese IPC. Orig. en. World Patent Inform. 9(1987)No 2, p.104-108
Short review of the whole period of translation and publication of establishing Chinese versions of the IPC.

88-287 487.278
Rumyantseva, N.L.: Problems in the use of the IPC in patent searching. Orig. ru. In: Soversh. i povysh. effektiv. pat.-inform. deyat.-sti. Moskva, SU 1986. p.154-165, 6 refs.

88-288 487.382
Murinson, E.A.; Shenderov, V.Z.: Subject-statistical indexes and their value for patent search. Orig. ru. Vopr. izobretatel'stva, No 2, 1987. p.41-43, 2 refs.

88-289 4878-365
Bezborodova, V.M.: The development of IPC in the field of crystal growing. Orig. ru. In: Soversh. i povysh. effektiv. pat.-inform. deyat.-sti. Moskva, SU 1986. p.117-122

5 ON SPECIAL OBJECTS CS

88-290 548
Butrum, R.R.: Technology systems used for food composition data bases. A historical perspective. In: Glaeser, P.S. (Ed.): Computer handling and dissemination of data. Proc. 10th Int. Codata Conf., Ottawa, CA, 14-17 July 1986. Amsterdam, NL: North-Holland. p.404-407, 8 refs.

88-291 5723
Gasthuber, H.: Erfassung und Strukturierung von Produktinformationen für Wirtschaftsdatenbanken. (Collection and structuring of product information in economic databases) Orig. de. Int. Classif. Vol 14, No 3, 1987. p.145-154, 33 refs.

Most product information systems existing in practice show great differences of structure and methodical principles, causing them to be largely incompatible. The contribution investigates the most important criteria and methodical tools employed for user-oriented product information. Identification (terminology, classification, description) offer a mixture of instruments capable of meeting the necessary requirements.

6 ON SPECIAL SUBJECTS CS & T

See also 88-076

62 On CS & T in the Energy and Matter Area 2

88-292 626; 64
Donskikh, O.A.; Knoppe, D.G.: The problem of classification of the chemical and biological sciences. Orig. ru. Vopr. filol., No 2, 1987. p.97-106, 13 refs.

88-293 6265-19
Verkade, P.E.: A history of the nomenclature of organic chemistry. Dordrecht, NL: Reidel 1985. XIV, 507p.

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

88-294 636.234
Tesakov, S.I.; Kozlova, O.N.: Linguistic tools of computer-based document IR system on geology. Orig. ru. In: Dokument. i faktograf. bazy dannykh v mezhdunar. sisteme GEOINFORM. Moskva, SU 1987. p.27-33

88-295 6366
Shishov, P.L.; Rozhkov, V.A.; Stolbovoj, V.B.: A soil classification information-reference system. Orig. ru. In: Uspekhi pochvoved. Moskva, SU 1986. p.191-195, 12 refs.

88-296 6384
Petrova, Z.Yu.; Rogaleva, T.G.: Semantic analysis of terminology as a method to improve an IR thesaurus in non-ferrous metallurgy. Orig. ru. Nauch.-tekh. terminol., No 10, 1986. p.5-9

88-297 6385
Petrova, Z.Yu.; Rogaleva, T.G.; Ter-Arutyunov, N.B.: International indexing language for non-ferrous metallurgy. Orig. ru. Nauch.-tekh. terminol., No 2, 1987. p.12-15

64 On CS & T in the Bio Area 4

88-298 646
Buzhor, P.F.; Spinej, K.M.; Shvats, N.V.: Developing a thesaurus for the computer-based information system of the Moldavian SSR agroindustrial system. Orig. ru. In: Soversh. planir. ekon. MSSR. Kishinev, SU 1987. p.66-72, 3 refs.

65 On CS & T in the Human Area 5

88-299 6528:831
Chandler, J.L.R.: A proposal to the ASTM Committee for Medical Informatics building a scientific thesaurus. J. Clin. Comput. Vol 15, No 2, 1986. p.64-83

88-300 653
Furems, E.M.: MEDIKS - Medical Diagnosis Hierarchic Classification System. Orig. ru. Sb. tr. VNIi sistem. issled., No 12, 1986. p.86-92, 3 refs.

66 On CS & T in the Socio Area 6

88-301 662
Vilar de Lemos, M.L.: Development of a controlled vocabulary at the Federal Senate Library. Orig. pt. Cienc. Inform. Vol 15, No 2, 1986. p.155-158, 4 refs.

88-302 662
Rodejohann, J.: Probleme mit politisch geprägten Benennungen von Begriffen bei der Erstellung eines politikwissenschaftlichen Thesaurus. (Problems with politically coined terms of concepts in establishing a political science thesaurus) Orig. de. Nachr. Dok. Vol 38, No 6, 1987. p.374-376

88-303 6622
Reinhold, D.: Thesaurus-Probleme bei der Erschließungsarbeit und Registerfertigung im Parlamentsarchiv. (Thesaurus problems in subject analysis and index establishment in parliament archives) Orig. de. Mitt. Fachgruppe 6, Stuttgart, No 12, 1986. p.45-52

88-304 6652
Janik, S.: Thésaurus: personne handicapée, outil de coordination des services documentaires spécialisés. (Thesaurus for handicapped persons, coordination tool for specialised documentary services) Orig. fr. Documentation et Bibliothèques Vol 33, No 1, 1987. p.11-17

88-305 669
Caffo, R.: Regarding classification and indexing in the historic studies field. Orig. it. Accad. e Biblioteche d'Italia, Vol 54, No 3, 1986. p.20-25, 4 refs.
Study of the "methodic catalogue" of the Bibliothèque de Documentation Internat. Contemporaine (BDIC) of Nanterre, Paris.

88-306 669
Dippold, P.: Some specialties of classification and information in the science of history. Orig. hu. *Könyvtári Figyelő* Vol 32, No 4, 1986. p.377-385, 6 refs.

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

88-307 6731
Majstrenko, A.G.; Shepelev, N.P., Aleksandrov, L.V.: Ordering of industrial design information using structural matrices. Orig. ru. In: *Soversh. i povysh. effektiv. pat.-inform. deyat. sti.* Moskva, SU 1986. p.101-105, 3 refs.

88-308 6817
Sverchkova, V.B.: Application of the thesaurus technique to the information support of research. Orig. ru. In: *Formir. i razvitiye edin. inform.-bibl. sistemy v Sibiri.* Novosibirsk, SU 1986. p.82-92, 5 refs.

676 COMMODITY AND PRODUCT CLASSIFICATION see 88-081 - 88-083

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

88-309 682
Kuleshov, S.G.; Devterova, T.V.: Classification of documentary scientific-information sources. Orig. ru. *Nauch.-tekh. inform., Ser. I* Vol 1, 1986. p.21-25

88-310 682
Overes, Y.; Paes, R., Starre, J.v.d.: Thesaurusprojekt van de SBDa. (The thesaurus project of the foundation of Dutch Schools for library and information science) Orig. nl. *Open Vol* 18, No 10, 1986. p.440-448, 6 refs.
The thesaurus developed for the 6 schools in the field of library and information science, including the booktrade comprises 1500 concepts. It is available in printed form and online. Description of its development, maintenance and utilization.

88-311 682
Medeiros, M.B.: The Brazilian terminology of information science: an analysis. Orig. pt. *Cienc. inform.* Vol 15, No 2, 1986. p.135-142, 12 refs.

88-312 6826
Smith, Linda S.; Warner, A.J.: A taxonomy of representations in information retrieval system design. In: *Represent. and Exchange Knowledge Basis Inform. Process.* Amsterdam, etc. 1984. p.31-49, 40 refs.

88-313 6834
Agafonov, V.N.: An experiment with programming subject heading lists. Orig. ru. Novosibirsk, SU: GPNTB SO AN SSSR, Preprint No.1, 1986. 29p., 9 refs.

69 On CS & T in the Humanities Area 9

88-314 692
Sapp, G.: The levels of access: subject approaches to fiction. *RQ Vol* 25, No 4, 1986. p.488-497, 50 refs.

88-315 693
Zecca Laterza, A.: Classificazione e musica. (Classification and music) Orig. it. *Boll. Inform. Assoc. Ital. Bibl.* Vol 24, 1984. p.179-184

88-316 694
Velkova, R.; Voskresenskij, M.: IR thesaurus in graphic arts. Orig. bg. *Poligrafija (NRB)*, No 2, 1986. p.13-16

88-317 694
Stam, D.C.: Factors affecting authority work in art historical information systems. A report of findings from a study undertaken for the Comité International d'Histoire de l'Art (CIHA), project: *Thesaurus Artis Universalis (TAU)*. Orig. en. *Visual Resources* Vol 4, No 1, 1987. p.25-49, 25 refs.
Some 33 institutions were visited and their authority control systems were studied. Report on the methods, the internal and contextual factors and the findings. The systems are listed.

88-318 697
Wappler, S.: Einige Aspekte des Zusammenhangs von Struktur und Funktion bei Informationsrecherchesprachen - dargestellt an der Deskriptor-Dokumentationssprache PHID 80 (IRSp PHID 80). (Some aspects concerning the relationship between structure and function in information retrieval languages - shown in the documentation language PHID 80) Orig. de. *Gesellschaftswiss. Inform. Dok. DDR* Vol 16, No 1, 1987. p.9-23
Description of the documentary language used at the Center for Philosophical Information and Documentation in East-Berlin since 1981. It uses a standardized vocabulary together with a syntax. The article reports experiences with indexing, annotations, establishment of indexes and retrieval.

7 CLASSIFICATION AND LANGUAGE

71 General Problems of Natural Language

See also 88-059, 88-061

88-319 711
Legutis, A.: Language as a conceptual system. Orig. ru. *Nauch. znanie: sistem aspekt.* Vil'nyus, SU 1985. p.89-109, 6 refs.

715 ARTIFICIAL INTELLIGENCE

See also 88-118 - 88-123, 88-155, 88-156

88-320 715
Bobrow, D.G.; Stefik, M.J.: Perspectives on artificial intelligence programming. *Science* Vol 231, No 4741, 1986. p.951-957

88-321 715
Croft, W.B. (guest Ed.): Artificial Intelligence and Information Retrieval. *Inform. Process. & Management* Vol 23, No 4, 1987 p.249-382

After an introductory article of W. Bruce Croft on "Approaches to intelligent information retrieval" the issue contains the following contributions: 88-322 Cohen, P.R.; Kjeldsen, R.: Information retrieval by constrained spreading activation in semantic networks. - 88-323 Rau, L.F.: Knowledge organization and access in a conceptual information system. - 88-324 Chiarabella, Y.; Defude, B.: A prototype of an intelligent system for information retrieval: IOTA. - 88-325 Brajnik, G.; Guida, G.; Tasso, C.: User modelling in intelligent information retrieval. - 88-326 Simmons, R.F.: A text knowledge base from the AI Handbook. - 88-327 Fox, E.A.: Development of the CODER system: a testbed for artificial intelligence methods in information retrieval. - 88-328 Brooks, H.M.: Expert systems and intelligent information retrieval.

88-329 715
Karlgrén, H.: Great expectations of linguistic tools. Orig. en. *Int. Forum Inform. Doc.* Vol 12, No 4, 1987. p.3-7

Presentation of some results of an international Delphi poll carried out in 1982-1983 within the framework of the FID-Committee on Linguistics in Documentation. The enquiry was based on a list of the most recent concepts, accompanied by definitions, in selected fields of hardware, software and methodology. The findings of the enquiry should be taken into account in planning research projects. (Author, abr.)

88-330 715
Otsuka, T.: AI and libraries. AI application in library work. Orig. ja. *Kagaku gijutsu bunken sabisu*, No 78, 1986. p.27-31, 14 refs.

88-331 715
Kumara, Soundar; Soyster, A.L., Kashyap, R.L.: Artificial intelligence series. Pt.1: An introduction to artificial intelligence. Orig. en. *Ind. Eng.* Vol 18, No 12, 1986. p.9-10, 12-15, 18, 20, 6 refs.

88-332 715; 06.86-03-16/21
Weigand, H.: Language and artificial intelligence. Orig. en. *Future Generat. Comput. Syst.* Vol 2, No 2, 1986. p.141-143
A short report on an international symposium which took place at Kyoto, Japan, 16-21 March 1986. The following disciplines were represented in the 30 papers: psycholinguistics, knowledge representation, language processing, knowledge and the mind, and machine translation.

88-333 715
Wurr, P.R.: Wissen in automatisierter Form wird wettbewerbsentscheidend. (Computerized knowledge becomes decisively competitive) Orig. de. *Sysdata* Vol 17, No 12, 1986. p.36-39
The AI research domain includes functional improvement in expert systems in order to use them in problem solving involving among others also classification.

72 Semantics

See also 88-122, 88-123, 88-191

88-334 721
Nalimov, V.: The nature of meaning in probabilistically-oriented philosophy. Orig. ru. In: *Yaz. nauk. filos.: Logiko-metodol. i semiot. anal.* Vil'nyus, SU 1986. p.154-180, 36 refs.

88-335 721
Pavlenis, R.I. (Ed.): Language, science, philosophy: Logico-methodological and semiotic analysis: Towards the 8th International Congress on the Logic, Methodology and Philosophy of Science, Moscow 1987. Orig. ru. Vil'nyus, SU 1986. 292p.

88-336 721
Johnson-Laird, P.N.: Semantic primitives or meaning postulates: Mental models or propositional representations? Orig. en. In: *Computational models of natural languages processing.* Amsterdam, NL etc. 1984. p.227-245

- 88-337 721
Saarinen, E.: Towards a metatheory and methodology of semantics. Orig.ru. In: *Yaz., nauka, filos.: Logiko-metodol. i semiot anal.* Vil'nyus, SU 1986. p.36-54, 48 refs.
- 88-338 721
Timofeev, K.A.: Lexical and grammatical semantics. Orig.ru. Novosibirsk, SU: Universitet. Mezhvuzovskij Sbornik nauchnykh trudov 1986. 128p.
- 88-339 722
Baranov, A.N.; Kobozeva, I.M.: Metalinguistic means for sentence semantics description: An experience in typology. Orig.ru. In: *Lingv.obespech.inform.sistem.* Moskva, SU 1987. p.169-205, 102 refs.
- 88-340 722
Beyer, J.: Zum Begriff des Inhalts und der Inhaltskomponenten sprachlicher Darstellungen. (On the concept of contents and contents components of linguistic representations) Orig.de. *Wiss.Z.Päd.Hochschule Potsdam* Vol 30, No 2, 1986. p.234-238
- 88-341 722
Polonskaya, O.R.: Logical connectors of meaning in the English language. Orig.ru. *Nauch.-tekhn.inform., Ser.2*, No 6, 1986. p.19-22, 7 refs.
- 88-342 723
Gudavichyus, A.: On a syntagmatic approach to meaning analysis. Orig.ru. *Kalbotyra* Vol 38, No 2, 1987. p.5-13, 23 refs.
- 88-343 723
Lakhtin, D.T.; Rubashkin, B.Sh.: Tools and procedures for conceptual interpretation of input messages in natural languages. (ru). *Izv. AN SSSR Tekhn.kibernet.*, No 2, 1987. p.49-59, 9 refs.
- 88-344 723
Miram, G.E.: An automatic analysis of the semantic ability to combine, based on a model of distributive classes of meaning. Orig.ru. *Nauch.-tekhn.inform., Ser.2*, No 6, 1986. p.23-7, 5 refs.
- 88-345 724
Belogub, A.L.: Development of polysemy in foreign-language terms: The case of the German terminology of the machine-tool industry. Orig.ru. *Vestn.Khar'k.Universiteta*, No 290, 1986. p.6-10, 6 refs.
- 88-346 724
Jongen, R.(Ed.): La polysémie: Lexicographie et cognition. (Polysemy: Lexicography and cognition) Orig.fr. Louvain-la-Neuve: Cabay 1985. 124p., *Cahier de l'Inst.de ling.de Louvain*, 11.3-4
- 88-347 724
Mikheev, M.Yu.: Analysing possibilities for homonymy resolution in the VNIISent automatic indexing algorithm. Orig.ru. In: *Inform.protsessy i ikh avtomatiz.* Moskva 1987. p.145-154, 5 refs.
- 88-348 724; 762
Safronova, M.V.: Synonymy and antonymy in an explanatory dictionary. Orig.ru. In: *Podgot.i ispol'z.nauch.-tekhn.slov.v sisteme inform.obespech.* Moskva, SU 1986. p.133-134
- 88-349 724
Shnidel'man, A.I.: Synonyms and antonyms in scientific and technical literature. Orig.ru. Moskva, SU: VINITI 1987. 176p.
- 88-350 7248-434
Gorodilov, V.V.: On the polysemanticity in scientific and technical terminology. Orig.ru. In: *Yaz.i stil' nauch.lit.* Kalinin, SU 1987. p.23-28, 5 refs. The problem of polysemy is studied in the English terminology of phytopathology and plant protection.
- 88-351 725
Gavrilov, S.V.; Kiril'chenko, A.A.; Kugushov, E.I.; Platonov, A.K.: A software system to design and analyse semantic networks describing conceptual systems. Orig. ru. Moskva, SU: Inst.prikl.mat. AN SSSR 1986. 28p.
- 88-352 726
Krivonosov, A.: Zur logischen Struktur des Textes. (On the logical structure of texts) Orig.de. *Z.Phonetik, Sprachwiss.u. Kommunik.forsch.* Vol 39, No 4, 1986. p.415-435
- 88-353 726
Yaroslavtseva, E.I.: Problems of semantic designation in the automatic establishment of the semantic proximity of texts. Orig.ru. In: *Znakov.probl.pic'm.kommunikatsii.* Kujbyshev, SU 1985. p.53-59
- 88-355 726
Protopopova, O.V.: On the problem of functional-semantic typology of scientific texts. Orig.ru. In: *Lingv.i psikholingv.isled.yaz.i rech.* Moskva, SU 1986. p.166-170, 7 refs.
- 88-356 727
Gebhardt, F.: Semantisches Wissen in Datenbanken - Ein Literaturbericht. (Semantic knowledge in databanks - A report on the current literature) Orig.de. *Informatik Spektrum*, No 2, 1987. p.79-98, 17 refs.
- 88-357 728
Nemchenko, V.N. (Ed.): Functioning of terms in contemporary Russian: An intercollege anthology. Orig.ru. Gor'kij: Universitet 1986. 123p.
- 88-358 728-236
Tonkova, N.I.: Semantic properties of colour denominations. Orig.ru. In: *Yaz.edinitsy i usloviya ikh aktualiz.* Riga, SU 1986. p.200-208, 4 refs.

73 Automatic Language Processing

- 88-359 731
Guenther, F.; Lehmann, H.: Verarbeitung natürllicher Sprache - ein Überblick. (Natural language processing - a survey) Orig. de. *Informatik-Spektrum* Vol 9, No 3, 1986. p.162-173
- 88-360 732
Liddy, E.; Bonzi, S.; Katzer, J.; Oddy, E.: A study of discourse anaphora in scientific abstracts. Orig. en. *J.ASIS* Vol 38, No 4, 1987. p.255-261, 13 refs.
- 88-361 733.79
Kroupa, E.; Zimmernann, H.H.: Multilinguale Anwendungen der Sprachdatenverarbeitung in Referenz-Informationssystemen. (Multilingual applications of language data processing in reference information systems) Orig.de. In: *Wilss, W., Schmitz, K.D. (Ed.): Die Maschinelle Übersetzung - Methoden und Werkzeuge*. Tübingen, DE: Niemeyer 1987. p.33-48
- 88-362 733
Neshitov, V.V.: Correlations between rank and spectral distributions. Orig.ru. *Nauch.-tekhn.inform., Ser.2*, No 10, 1986. p.19-25
- 88-363 738-51/4
Obermeier, K.K.: GROK - a knowledge-based text processing system. In: *Artif.Intell.Appl.Eng.Knowledge-Based Syst.* Amsterdam NL 1985. p.384-389, 17 refs.
- 88-364 733
Sedelow, S.Y.: Computational literary thematic analysis: the possibility of a general solution. In: *ASIS'85, White Plains, NY*. Vol 22, 1985. p.359-362, 9 refs.
- 88-366 733
Wenzel, F.: Automatic morphological segmentation and the use of semantic operators as a means of enhancing the recall and precision in free-text retrieval. *Chem.Inform.Bull.* Vol 35, No.1, 1983. p.11

74 Grammar Problems

See also 88-045

- 88-367 741
Emonds, J.E.: A unified theory of syntactic categories. Orig. en. Dordrecht, NL: Cinnaminson; Foris 1985. 8,356p., refs.p. 335-342, *Studies in Generative Grammar*, 19
- 88-368 741
Heering, J.; Klint, P.: A syntax definition formalism. Orig.en. In: *Comm.Europ.Communities; Telecommunication, Information, Industries and Innovation, Luxembourg, ESPRIT '86. Results and achievements*. Amsterdam: North-Holland 1987. p.619-30, 16 refs.
- 88-369 743
Kiyak, T.R.: Automatic syntactic analysis of dictionary definitions and its application in lexicographic work. Orig. ru. In: *Pogot.i ispol'z.nauch.-tekhn.slov.v sisteme inform.obespech.* Moskva, SU 1986. p.124-126
- 88-370 743
Vergé, J.; Pages, P.: Symbiose de la syntaxe et de la morphologie dans l'analyse automatique du français avec un minimum de données. (A symbiosis of syntax and morphology in a parsing method of the French language with a minimum of data) Orig.fr. *TA Inform.* Vol 26, No 2, 1985. p.27-45
- 88-371 744
Nevreva, M.N.; Olyshanskaya, N.L.: Typology of noun derivation in technological sublanguages. Orig.ru. In: *Pogot.i ispol'z.nauch.-tekhn.slov.v sisteme inform.obespech.* Moskva 1986. p.23
- 88-372 744; 757
Rakhilina, E.V.: Formalization of the question-answer relation (locative questions to verbs of motion). Orig.ru. *Nauch.-tekhn.inform., Ser.2*, No 2, 1987. p.24-30

75 Question-Answering Systems, Online Techn.

See also 88-006, 88-079, 88-094

- 88-373 751
Gödert, W.: Klassifikationssysteme und Online-Katalog. (Classification systems and the online catalogue) Orig.de. Z.Bibl.wes.u.Bibliogr. Vol 34, No 3, 1987. p.185-195, 27 refs.
A proposal of Gattermann to search in free-text mode keywords in the subject-headings pool of an online catalogue is examined. On the basis of the Rules for the Subject Heading Catalog as well as a test search reasons are derived why the use of classification systems will yield better retrieval results.
- 88-374 751.88
Sievert, M.: The indexing of the literature of online searching: a comparison of ERIC and LISA. Online Rev. Vol 11, No 2, 1987. p.95-104
- 88-375 752
Courtial, J.P.; Pomian, J.: A system based on associational logic for the interrogation of databases. J.Inform.Sci. Vol 13, No 2, 1987. p.91-97, 13 refs.
- 88-376 753
Biswas, G.; Bezdek, J.C., Marques, M., Subramanian, V.: Knowledge-assisted document retrieval: I. The natural-language interface, II: The retrieval process. J.ASIS Vol 38, No 2, 1987. p.83-96, 97-110, 25+24 refs.
- 88-377 753
Dehart, F.E.; Matthews, K.: The catalog department's legacy to OPAC subject searchers. Techn.Services Quarterly Vol 4, No 1, 1986. p.3-10, 5 refs.
- 88-378 753; 119
Holley, R.P.: Classification in the online catalog. Adv.in Libr.Automation and Networking Vol 1, 1987. p.57-88, 13 refs.
Covers the following topics: The role of classification. Transition to the online catalog. Current and medium-term issues. Possible improvements. ODC vs LCC in the online catalog. Further advantages of classification in the online catalog. Conclusions. Appendix (statements from 25 online system vendors on capabilities for searching by classification number).
- 88-379 753.812; 244
Jamieson, A.J.; Dolan, E., Declerck, L.: Keyword searching vs. authority control in an online catalog. J.Acad.Librarianship Vol 12, No 5, 1986. p.277-283, 2 refs.
- 88-380 753
Markey, K.: Searching and browsing the library classification schedules in an online catalog. In: Kensella, J. (Ed.): Online public access to library files: 2nd Natl.Conf., Bath University. Elsevier Int.Bull.Oxford, GB 1986. p.49-66, 7 refs.
- 88-381 753
Moriwaki, H.; Yamazaki, H.: An analysis of problems for MARCs to be used as a database through the online system under the scope of subject access. Orig.ja. Joho-no Kegaku to gizyetzu Vol 37, No 4, 1987. p.135-146, 14 refs.
- 88-383 756
Kumar, A.; Srivastava, R.K.: An online interactive bibliographic information retrieval system. Orig.en. Libr.Sci.Stant Doc. Vol 24, No 3, 1987. p.173-183, 2 refs.
- 757 EXPERT SYSTEMS See also 88-007, 88-077, 88-372
- 88-384 757
Belkin, N.J.; Borgmann, Ch.L., Brooks, H.M., Bylander, T., Croft, W.B., Daniels, P., Deerwester, S., Fox, E.A., Ingwersen, P., Rada, R., Sparck Jones, K., Thompson, R., Walker, D.: Distributed expert-based information systems: An interdisciplinary approach. Inform.Process.& Management Vol 23, No 5, 1987. p.395-409, 32 refs.
Results from an international workshop on Distributed Expert-Based Information Systems (DEBIS), held at Rutgers University in March 1987.
- 88-385 757.43
Burton, P.F.: Expert systems in classification. In: Expert systems in libraries. London: Taylor Graham 1986. p.50-66, 7 refs.
Description of the use of an expert system for subject classification mainly of monograph holdings. Implementation should use the ExpertEase of ESP/Advisor software packages designed for the IBM PC with 256K memory. A project was developed for use of the DDC schedules. Examples of construction of DDC numbers from terms in the title or abstract of a work are given.
- 88-386 757
Hartley, R.T.: Representation of procedural knowledge for expert systems. In: Artif.Intell.Appl.Eng.Knowledge-Based Syst. Amsterdam, NL 1985. p.526-531, 11 refs.
- 88-387 757
Kuzin, L.T.; Reva, V.V., Simonova, Yu.A.: Designing expert systems with the KRIPTON-type frame technology. Orig.ru. In: Konseptual.proektir.bankov dannkh. Moskva 1986. p.13-20, 2 refs.
- 88-388 757
Larichev, O.I.; Mechtov, A.I., Moshkovich, E.M., Furems, E.M.: Systems of expert knowledge articulation in classification problems. Orig.ru. Izv.AN SSSR.Tekhn.kibernet, No 2, 1987. p.74-84, 13 refs.
- 88-389 757
Pollitt, A.S.: Reducing complexity by rejecting the consultation model as a basis for the design of expert systems. Expert Systems Vol 3, No 4, 1986. p.234-238, 16 refs.
- 88-390 757
Pospelov, G.S.; Razin, A.M.: Main trends in the development of present-day expert systems: A brief review of foreign studies. (ru). Nauch.-tekhn.inform., Ser.2, No 2, 1987. p.1-11, 38 refs.
- 88-391 757
Puppe, F.: Expertensysteme. Orig.de. Infonnatik-Spektrum Vol 9, No 1, 1986. p.1-13, 52 refs.
An introduction which aims at enabling the reader to assess realistically the potential and restrictions of the current state of the art.
- 88-392 757
Sanmut, C.A.: Concept development for expert system knowledge bases. Austral.Comput.J. Vol 17, No 1, 1985. p.49-55, 10 refs.
Gives a brief review of research in machine learning. Introduces a program which interacts with a human trainer acquiring expert knowledge by asking questions. The trainer shows the program a sample concept to be learned. The program decides which part of the example belongs to concepts stored already.
- 88-393 757
Shrejder, Yu.A.: Expert systems: Their learning potentialities. Orig.ru. Vestn.vyssh.shk., No 2, 1987. p.14-19, 9 refs.
- 88-394 757
Stefanyuk, V.L.: Some aspects of expert system theory. Orig.ru. Izv.AN SSSR Tekhn.kibern., No 2, 1987. p.85-91, 11 refs.
- 88-395 757
Vickery, A., Brooks, H., Robinson, B., Vickery, B.: A reference and referral system using expert system techniques. Orig.en. J.Doc. Vol 43, No 1, 1987. p.1-23, 26 refs.
- 88-396 757
Watters, C.R.; Shepherd, M.A.: A logic basis for information retrieval. Inform.Process.& Management Vol 23, No 5, 1987. p.433-445, 18 refs.
- 88-397 757
Winett, Sh.G.; Fox, E.A.: Using information retrieval techniques in an expert system. In: Artif.Intell.Appl.Eng.Knowledge-based Syst. Proc.2nd Conf. Amsterdam 1985. p.230-235, 31 refs.

76 Lexicon/Dictionary Problems

See also 88-054, 88-055, 88-058, 88-060, 88-099, 88-191
88-233, 88-346, 88-348

- 88-398 761
Chandrasekharan, N.; Sridhar, R., Iyengar, S.S.: On the minimum vocabulary problem. J.ASIS 38(2)987/No 4, p.234-8, 13 refs.
- 88-399 761
Felber, H.; Manu, A., Nedobity, W.: Standardized vocabularies. Preparation, structure, function. Orig.en. Terminol.& Traduct., No 1, 1987. p.49-102
- 88-400 761
Ilson, R. (Ed.): Lexicography: An emerging international profession. Manchester-Dover: Manchester Univ.Press 1986. 167p.
- 88-401 761
Manasyan, N.A.: One-object term distributions in texts. English-language laser texts. Transl.from ru. Automatic Occ.& Math.Linguistics Vol 19, No 4, 1985. p.29-34, 13 refs.
- 88-402 761
Mednikova, E.M. (Ed.): A contrastive study of semantic dynamics. Orig.ru. Moskva, SU 1986. 174p.
With reference to different languages, the papers of this volume display the peculiarities of semantic dynamics in language and speech, namely in lexicography, word formation, phraseology, terminology and different texts.
- 88-403 761
Schippian, T.: Lexikologie in der DDR. Entwicklung, Ergebnisse, Aufgaben. (Lexicology in the GDR. Development, Results, Tasks) Orig.de. Z.f.Germanistik 7(1986)No 3, p.321-334, 93 refs.

- 88-404 761
Wegner, I.: Frame-Theorie in der Lexicographie: Untersuchungen zur theoretischen Fundierung und computergestützten Anwendung kontextueller Rahmenstrukturen für die lexikographische Repräsentation von Substantiven. (Frame theory in lexicography) Orig.de. Tübingen, DE: Niemeyer 1985. VIII, 241p.
- 88-405 762
Belov, A.V.; Bekh, P.A., Birkun, L.V.: The term and its translation in specialised bilingual dictionaries. Orig.ru. In: Nauch.-tekhn.terminologiya i perevod. Chelyabinsk, SU 1986. p.6-7
- 88-406 762; 768-26/27
Cherkasova, G.M.; Potapov, I.I., Mel'nikova, M.M.: Determination of the structure of lexical fields in basic dictionaries on chemistry and chemical engineering: The use of machine-readable databases. Orig.ru. Nauch.-tekhn.inform., Ser.1, No.1, 1987. p.12-14, 6 refs.
- 88-407 762
Shmelev, A.D.; Shmeleva, E.Ya.: The structure of the entry in an explanatory word-formation dictionary. Orig.ru. In: Sochetanie lingv.i vnelingv.inform.v avtomat.slovare. Erevan, SU 1987. p.119-121, 3 refs.
- 88-408 762
Uszkozeit, H.: Syntaktische und semantische Generalisierungen im strukturierten Lexikon. (Syntactic and semantic generalisations in a structured vocabulary) Orig. de. Inform.Fachber., No 124, 1986. p.87-100, 7 refs.
- 88-409 762
Wachowicz, K.: On intelligent dictionaries. Orig. en. Comput.transl. Vol 1, No 4, 1986. p.225-233
- 88-410 763
Drewok, R.: Vorbemerkungen zu einer computerunterstützten Lösung für die Lexicographie im Verlag als Beitrag zur praktischen SDV. (Remarks on a computer-supported solution for lexicography in a publishing house) Orig.de. Inform.Fachber., No 114, 1985. p.34-45, 2 refs.
- 88-411 763
Grinev, S.V.: Principles of compiling terminological dictionaries for translation of scientific and technical texts. Orig.ru. In: Terminol.aspekty nauch.-tekhn.perevod. Penza, SU 1987. p.22-24
- 88-412 763
Kuhlen, R.: Quantitative Probleme beim induktiven Wörterbuchaufbau. (Quantitative problems in establishing a dictionary inductively) Orig.de. In: Kuhlen, R., Hahn, U., Reimer, U.: Informationslinguistik. Theoretische, experimentelle, curriculare und prognostische Aspekte einer informationswissenschaftlichen Teildisziplin. Tübingen: Niemeyer 1986. p.119-131, 4 refs.
- 88-413 763
Yu, Y.Y.: Elektronisches Publizieren von Deutsch-Englisch-Chinesischen Fachwörterbüchern durch eine mikrocomputer-gestützte Terminologie-Datenbank. (Electronic publishing of German-English-Chinese dictionaries by a microcomputer-supported terminology bank) Orig.de. In: Dt.Ges.f.Dokumentation. Frühjahrstagung der Online-Benutzergruppe der DGD 8, 3.-5.Juni 1986. Frankfurt, DE 1987. p.216-224, OGD-Schrift (OLBG-7) 1/87
- 88-414 764
Averbukh, K.Ya.: Terminological lexicography: The traditional and specific aspects. Orig.ru. In: Podgot.i ispol'z.nauch.-tekhn.slov.v sisteme inform.obespech. Moskva, SU 1986. p.63-5
- 88-415 764
Kandelaki, T.L.: Development of principles of terminology control: An experience in designing systemic type dictionaries. Orig. ru. In: Sovrem. probl. rus. ten inol. Moskva, SU 1986. p.124-140, 31 refs.
- 88-416 764
Kozlov, Yu.V.: Terminological glossaries: Problems of compression. Orig.ru. Struktur.i prikl.lingv., No 3, 1987. p.187-191, 8 refs.
- 88-417 765
Amiel, P.: Vers les dictionnaires électroniques. (Towards electronic dictionaries) Orig.fr. In: La traduction professionnelle. Journées européennes 1987-03-25, Paris. 1987. p.46-56
- 88-418 765
Bielonogow, G.G.; Zagika, E.A., Kuzniecowa, B.A., Nowosiolow, A.P., Szturman, J.P.: Automatic generation of glossaries. Orig. pl. Aktual.probl.inform.i dok. Vol 30, No 6, 1986. p.12-18
- 88-419 765
Tikhonov, M.B.: A system of computer-aided preparation of glossaries for the SKOBKI package. Orig.ru. Probl.inform.system, No 3, 1986. p.151-158, 2 refs.
- 88-420 768-824
Riggs, F.W.: Book review of: Walne, P. (Ed.): Dictionary of archival terminology; Dictionnaire de terminologie archivistique. München: K.G.Saur 1984. 226p. Orig.en. Int.Classif. Vol 14, No 2, 1987. p.107-109
- 77 General Problems of Terminology**
See also 88-063, 88-066, 88-088, 88-091, 88-092, 88-100
- 88-421 77.19
Felber, H.: Rückblick auf einige Entwicklungen in der Terminologie. (Looking back on some developments in terminology) Orig.de. Terminol.& Traduct., No 1, 1987. p.33-47, 53 refs.
- 88-422 77.926
Milelina, T.V.; Rozanova, G.N.: Terminological activities within the TermNet framework. Orig.ru. Nauch.-tekhn.terminol., No 2, 1987. p.19-22, 2 refs.
- 88-423 77.99
Nalepin, V.L.; Pavlov, L.I.: International terminology in the field of standardization and related activities: STACQ/WG meetings. Orig.ru. Nauch.-tekhn.terminol., No 10, 1986. p.21-6
- 88-424 771
Grillner, S.: The transfer of terminology from one field to another may be hazardous and counterproductive for interdisciplinary interaction. J.Phonetics Vol 14, No 1, 1986. p.109-110
- 88-425 771
Aleksenko, T.A.: Semantic structure modelling of a polysemous term. Orig.ru. In: In.Yaz. v sfere nauch.obsheniya: lingvome tod.probl. Moskva, SU 1986. p.100-115, 14 refs.
- 88-426 772
Avdeev, V.V.: On classification and translation of terminological constructions in scientific speech. Orig.ru. In: terminol.aspekty nauch.-tekhn.per. Penza, SU 1987. p.5-7
- 88-427 772
Averbukh, K.Ya.: Terminological variability: Theoretical and applied aspects. Orig.ru. Vopr.yazykozna., No 6, 1986. p.38-49, 18 refs.
- 88-428 772
Brons, Uffe: Aspects of lexical meaning in language for special purposes and terminology with special reference to translation. Orig.en. Terminol.& Traduct., No 1, 1987. p.19-28, 9 refs.
- 88-429 772
Khanpira, E.I.: On types of motivated terms. Orig. ru. Nauch.-tekhn.terminol., No 3, 1987. p.3-6, 11 refs.
- 88-430 772
Dolgov, I.A.; Sergeev, Yu.A.: Lexicographic description of terminological collocations with special reference to the system of linguistic terms. Orig.ru. In: Podgot.i ispol'z.nauch.-tekhn.slov.v sisteme inform.obespech. Moskva, SU 1986. p.77-80
- 88-431 772
Gorodetskaya, L.A.: The problem of fuzziness in the semantics of compound terms. Orig.ru. Nauch.-tekhn.terminol., No 12, 1986. p.4-7, 3 refs.
- 88-432 772
Gorodetskij, B.Yu.: The term and its linguistic properties. Orig.ru. Struktur.i prikl.lingv., No 3, 1987. p.54-62, 19 refs.
- 88-433 772
Kachkovskaya, L.L.: On some term-making particularities in the language of scientific and technical literature. Orig.ru. In: Inoyaz.nauch.tekst kak ob'ekt izuch.v neyaz. Kiev, SU 1986. p.56-60, 4 refs.
- 88-434 772; 762
Kandelaki, T.L.: Elements of Russian scientific terms: A draft affixoid dictionary. Orig.ru. In: Poluaffiksatsiya v terminol. i lit.norme. Vladivostok, SU 1986. p.74-80, 9 refs.
- 88-435 772
Komlev, H.G.: A term's exactitude confines in different sciences. Orig.ru. In: Probl.vzaimosvyazi obshchestv.i estestv. nauk. Moskva, SU 1987. p.103-117, 27 refs.
- 88-436 772
Lejchik, V.M.: The process of term formation: Peculiarities of the period of initial nomination of a specific concept. Orig.ru. In: Funktsionir.terminov v sovrem.rus.yaz. Gor'kij, SU 1986. p.32-39, 16 refs.
- 88-437 772
Lejchik, V.M.: Semantic and formal attributes of term elements. Orig.ru. In: Poluaffiksatsiya v terminol. i lit. norme. Vladivostok, SU 1986. p.88-92, 9 refs.

- 88-438 772
Makarova, K.S.: A term-making model. Orig. ru. Nauch.-tekh.terminol., No 4, 1987. p.9-11, 4 refs.
- 88-439 772
Moiseev, A.I.: Lexicographic description of compound terms. Orig.ru. In: Funktsionir.terminov v sovrem.rus.yaz. Gor'kij, SU 1986. p.56-64, 11 refs.
- 88-440 772
Petrov, V.V.: Scientific terms: New aspects of analysis. Orig. ru. In: Logika nauch.poznaniya: Aktual.probl. Moskva, SU 1987. p.172-179, 6 refs.
- 88-441 772
Tsitkina, F.A.: The international term: Statics and dynamics. Prospects for regulation from the viewpoint of contrastive terminology. Orig.ru. Nauch.-tekh.inform.,Ser.2, No 5, 1987. p.5-10, 31 refs.
- 88-442 772
Zharkikh, E.Yu.: Word formation processes in terminology. Orig. ru. In: Lingv.i psikholingv.issled.yaz.i rech. Moskva, SU 1986. p.89-96, 17 refs.
- 88-443 773
Nalevkova, M.; Simova, V.: Terminological work in STI departments and editorial offices. Orig. cs. Metod.stud./UVTEI, No 147, 1986. p.1-3
- 88-444 773
Jurčáková, Z.: Current trends in terminology processing and their application to the development of the ILIS terminology Orig.sk. In: INFOS'87. Bratislava, CS 1987. p.161-165, 7 refs.
- 88-445 773
Nowicki, W.: An essay of a method of terminological work in a selected branch of knowledge. Orig. pl. Zag.naukozn. Vol 21, No 3, 1985. p.418-440, 29 refs.
- 88-446 773
Perebejnis, V.S.; Muravits'ka, M.P.: Automation and terminography: Problems of theory. Orig.uk. Movoznavstvo, No 4, 1986. p.14-22
- 88-447 773
Schmitt, P.A.: Computer statt Kartei? Terminologiearbeit mit Mikrocomputer. (Computer instead of cardfiles. Terminography with the aid of a microcomputer) Orig.de. Lebende Sprachen 32 (1987)No 2, p.56-65, 14 refs.
- 88-448 774
Smirnov, I.P.: Terminology collections as a special kind of dictionaries and reference literature. Orig.ru. In: Podgot.i ispol'z.nauch.-tekh.slov.v sisteme inform.obespech. Moskva, SU 1986. p.57-59
- 88-449 775
Antonova, M.V.: A term system and universal systems properties. Orig.ru. Nauch.-tekh.terminol., No 1, 1987. p.10-13, 1 ref. Examination of the vocabulary of occupational pathology in Russian and English according to the criteria of general system theory which identifies three basic properties of any systems object, i.e. system-forming, system-acquired and system-neutral properties.
- 88-450 775
Grinev, S.V.: Principles of ordering technical nomenclature units. Orig.ru. Nauch.-tekh.terminol., No 1, 1987. p.6-10
- 88-451 775
Shelov, S.D.: The logico-semantic structure and formal properties of terminology. Orig.ru. Nauch.-tekh.inform.,Ser.2, No 3, 1987. p.5-7
- 88-452 775
Simonenko, L.A.: Main aspects of systematization of scientific terminology in compiling bilingual terminological dictionaries Orig.ru. In: Podgot.i ispol'z.nauch.-tekh.slov.v sisteme inform.obespech. Moskva, SU 1986. p.55-57
- 88-453 776
Clemencin, G.: ALEXIS système pour la gestion des bases de données terminologiques. (ALEXIS system for terminological database management) Orig.fr. TermNet News, No 14, 1986. p.25-30
- 88-454 776
Henning, J.-M.: La banque de terminologie de l'Université de Clermont-Ferrand II. (The terminology bank of the University of Clermont-Ferrand II) Orig.fr. TermNet News, No 14, 1986. p.20-22
- 88-456 776
Machová, S.; Minihofer, O.: Designing a term databank. Orig.cs. Mech.a auton.admin. Vol 27, No 3, 1987. p.98-100, 8 refs.
- 88-457 776
Manu, A.: La banque de données terminologiques des normes autrichiennes. (The terminological databank of Austrian standards) Orig.fr. TermNet News, No 16, 1987. p.22-28
- 88-458 776
Skorokhod'ko, E.F.; Stognij, A.A.: Some questions of establishing a term bank. The linguistic aspect. Orig. ru. Nauch.-tekh.inform.,Ser.2, No 8, 1986. p.29-33
- 88-459 776
Tijts, M.A.; Kull', R.V.: The Estonian term bank: Purpose and prospects. Orig.ru. In: Potgot.i ispol'z.nauch.-tekh.slov.v sisteme inform.obespech. Moskva, SU 1986. p.133-134
- 88-460 776
Volkova, I.N.: An automated bank of standardised terms: Design criteria and possible applications. Orig.ru. In: Sochetanie lingv.i vnelingv.inf.v avtomat.slovare. Erevan 1987. p.135-137
- 88-461 777
Petukhova, T.I.: Standardisation of scientific/technical terminology in the British Standards Institution. Orig.ru. Nauch.-tekh.terminol., No 11, 1986. p.18-20
- 88-462 777
Tkacheva, L.B.: Basic regularities of English terminology. Orig.ru. Tomsk, SU: Izd.-vo Universiteta 1987. 199p.
- 88-463 777
Dégremont, J.-F.: L'action du Ministère de la Recherche et de la Technologie en matière de terminologie: Dernier rapport d'activités de la MIDIST. (The activities of the Ministry of Research and Technology in the field of terminology. The latest MIDIST report) Orig.fr. TermNet News, No 14, 1986. p.39-43
- 88-464 777
Pagès, A.: Le Commissariat Général de la Langue française et les commissions ministérielles de terminologie. (The General Commissariat of the French Language and the ministerial terminology commissions) Orig.fr. TermNet News, No 14, 1986. p.36-8
- 88-465 777
Panin, E.N.: On regular translation equivalents of copulative prepositions in French specialist terminological phrases. Orig.ru. In: Inform.-kommunikativ.aspekty per. Gor'kij, SU 1986 p.67-72, 6 refs.
- 88-466 777
Current issues of Russian lexicology and terminology. Orig.ru. Alma-Ata, SU: Kazakhckij Pedagogicheskij Institut 1986. 90p.
- 88-467 777
Kotov, R.G.: The Russian Language Computer Fund and automation of dictionary terminological support for the information service. Orig.ru. In: Mash.fond.rus.yaz.: Idei i suzheniya. Moskva, SU 1986. p.84-90
- 88-468 777
Musaev, K.M.(Ed.): The development of terminology in the languages of the USSR Union Republics: General problems. Russian, Ukrainian and Byelorussian terminology. Orig.ru. Moskva, SU: Nauka 1986. 268p.
- 88-469 777
Eichholz, R.: Pekoleko - a promising new method for terminology Orig.en. TermNet News, No 16, 1987. p.3-7
Description of the procedures for the establishment of a terminological databank in Esperanto.
- 778 SPECIAL LANGUAGE RESEARCH see also 88-087
- 88-470 778
Kalverkaemper, H.: Die Fachsprachen der Wissenschaftler und Probleme des Transfers wissenschaftlicher Ergebnisse. (The special languages of scientists and transfer problems of scientific results) Orig.de. In: Braun, H. (Ed.); Sprache als Medium und Verständigungsmittel zwischen Wissenschaft, Wirtschaft, Verwaltung u.Öffentlichkeit. Bonn, DE: Verl.-Anst.d. Dt.Beamtenbundes 1986. p.34-42, 10 refs.
- 88-471 778; 06.85-10-29/30
Köhler, C.: Konferenz zur Fachsprachenproblematik im Rahmen der Jahrestagung der Bilateralen Germanistenkommission DDR- UdSSR am 29.u.30.10.1985 in Dresden. (Conference on the problems of special languages in the frame of the annual conference of a bilateral commission of scholars of German GDR-USSR) Orig.de. Sprachpflege Vol 35, No 5, 1986. p.69-70

We regret very much not to be able to include the references of the rest of group 7 (Classification and Language) i.e. 78 "Subject-oriented Terminology Work" and 79 "Problems of Multilingual Systems and Translation". They will follow in the next issue as well as the items of groups 8 and 9.

Personal Author Index

- Agafonov, V.N. 88-313
 Ahlhaus, O. 88-083
 Alekseeva, I.Yu. 88-164
 Aleksenko, T.A. 88-425
 Amiel, P. 88-417
 Andros, E. I. 88-149
 Antipov, G.A. 88-151
 Antonov, A.N. 88-161
 Antonova, M.V. 88-449
 Antopol'skii, A.B. 88-249
 Arnautov, V.S. 88-262
 Artamonov, G.T. 88-180
 Austin, D. 88-217
 Avdeev, V.V. 88-426
 Averbukh, K.Ya. 88-415
 88-427
- Balanza, A. 88-219
 Baltova, A. 88-265
 Bantzer, P. 88-192
 Baranov, A.N. 88-339
 Barthelemy, J.-P. 88-195
 Beare, G. 88-065
 Belkin, N.J. 88-384
 Belogub, A.L. 88-345
 Belov, A.V. 88-405
 Betten, L. 88-031
 Beyer, J. 88-340
 Bezborodova, V.M. 88-289
 Bielionogov, G.G. 88-418
 Bilek, M. 88-278
 Birund, H. 88-229
 Biswas, G. 88-247
 88-376
 Bjeličić, B. 88-126
 Blumenthal, A. 88-060
 Blyumenau, D.I. 88-128
 Bobrow, D.G. 88-320
 Bock, H.H. 88-067
 Booth, B. 88-038
 Bose, H. 88-260
 Brajnik, G. 88-325
 Brons, Uffe 88-428
 Brooks, H.M. 88-328
 Bryant, P.G. 88-057
 Burton, P.F. 88-385
 Butrum, R.R. 88-290
 Buzhor, P.F. 88-298
- Caffo, R. 88-305
 Canonne, A. 88-022
 Chall, M. 88-096
 Chamis, A.Y. 88-207
 Chandler, J.L.R. 88-299
 Chandrasekharan, N. 88-398
 Chekasov, S.V. 88-125
 Cherkasova, G.M. 88-406
 Chiarabella, Y. 88-324
 Clemencin, G. 88-453
 Cochetti, M. 88-236
 Cohen, P.R. 88-322
 Congreve, J. 88-221
 Courtial, J.P. 88-375
 Craigh, C. (Ed.) 88-045
 Craven, T.C. 88-239
 88-240
 Croft, W.B. (guest Ed.) 88-321
 Crouch, C.J. 88-222
- Dégremont, J.-F. 88-463
 DeHart, F.E. 88-268
 88-377
 Dhali, S.K. 88-248
 Dippold, P. 88-306
 Dobchev, P. 88-276
 Dobrokhovaya, I.Yu. 88-175
 Dolgov, I.A. 88-430
 Donskikh, O.A. 88-292
 Dreller, J. 88-241
 Drewok, R. 88-410
 Dubes, R.C. 88-196
- Dubois, C.P.R. 88-250
 Dubois, J.E. 88-177
 Dunaev, V.V. 88-131
 Duncan, E.B. 88-097
 Dykstra, M. 88-220
- Eastman, C.M. 88-209
 Eichholz, R. 88-469
 El-Hamdouchi, A. 88-223
 Emonds, J.E. 88-367
- Farber, E. I. 88-245
 Felber, H. 88-399
 88-421
 Fjeldaas, S. 88-035
 Foroutan, I. 88-230
 Fox, E.A. 88-327
 Fu, L. 88-212
 Fugmann, R. 88-099
 Fumio, T. 88-184
 Funk, H. 88-073
 Furems, E.M. 88-300
- Gainotti, G. 88-146
 Gasthuber, H. 88-082
 88-291
 Gavrilov, S.V. 88-351
 Gebhardt, F. 88-356
 Geis, A. 88-085
 Gendina, N.I. 88-181
 Giere, W. 88-251
 Gödert, W. 88-079
 88-104 88-373
 Goldberg, J.E. 88-271
 88-272
 Gombosi, M. 88-086
 Gopinath, M.A. 88-190
 Gorodetskaya, L.A. 88-431
 Gorodetskiy, B.Yu. 88-432
 Gorodilov, V.V. 88-350
 Gorskiy, D.P. 88-114
 Grazhdannikov, E.D. 88-259
 Greaves, M.A. 88-266
 Grillner, S. 88-424
 Grinev, S.V. 88-171
 88-411 88-450
 Grishkin, I.I. 88-150
 Gudavichyus, A. 88-342
 Guenther, F. 88-359
 Gusejn-Zade, S.M. 88-173
- Habel, Ch. 88-119
 Hall, L.O. 88-155
 Hartley, R.T. 88-386
 Hartmann, R.R.K. 88-054
 Haynes, D. 88-185
 Heering, J. 88-368
 Heinze, F. 88-237
 Henning, J.-M. 88-454
 Herfurth, M. 88-077
 Hermes, H.-J. 88-068
 Hirešvá, Z. 88-280
 Hjort, N.L. 88-202
 Holley, R.P. 88-089
 Holley, R.P. 88-378
 Hölzl, J. 88-081
 Hopper, P.J. 88-047
 Humphrey, S.M. 88-227
- Ibson, R. (Ed.) 88-400
 Isaeva, T.V. 88-053
 Ishikawa, T. 88-279
 Iyer, H. 88-174
- Jamieson, A.J. 88-379
 Janik, S. 88-179
 88-304
 Jialian, S. 88-286
 Johansen, Th. 88-187
 Johnson-Laird, P.N. 88-336
 Johst, V. 88-252
- Jongen, R. (Ed.) 88-346
 Julvezan, J. 88-243
 Jurčacková, Z. 88-444
- Kachkovskaya, L.L. 88-433
 Kahata, H. 88-254
 Kalia, D.R. 88-036
 Kalverkaemper, H. 88-470
 Kandelaki, T.L. 88-415
 88-434
 Karlgren, H. 88-329
 Katulev, A.N. 88-108
 Kaula, P. 88-275
 Kazakov, E.N. 88-281
 Khanpira, E.I. 88-429
 Khosh-Ku, A. 88-274
 Kipke, U. 88-132
 Kirsanova, L.A. 88-152
 Kiyak, T.R. 88-369
 Klein, H.K. 88-120
 Klingner, H. 88-008
 Kneil, G. 88-070
 Knutson, G. 88-273
 Kochergin, A.N. (Ed.) 88-160
 Köhler, C. 88-471
 Komendzinski, T. 88-158
 Komlev, H.G. 88-435
 König, G. 88-076
 Kormunov, A.M. 88-141
 Kosova, L.V. 88-242
 Kotov, R.G. 88-467
 Kovar, B. 88-208
 Kozlov, Yu.V. 88-416
 Kremer-Marietti, A. 88-214
 Kristal'nyj, B.V. 88-193 88-285
 Krivososov, A. 88-352
 Krivoshanov, V.E. 88-284
 Krömmelein, E. 88-056
 Kroupa, E. 88-361
 Kuhlen, R. 88-412
 Kuleshov, S.G. 88-309
 Kumar, A. 88-383
 Kumar, Krishan 88-098
 Kumara, Soundar 88-331
 Kushneruk, S.P. 88-063
 Kuzin, L.T. 88-387
 Kuznetsov, V.I. 88-124
 Kwok, K.L. 88-224
- Ladenko, I.S. 88-153
 Lakhutin, D.T. 88-343
 Lakoff, G. 88-046
 Lam, L. 88-197
 Langefors, B. 88-118
 Larichev, O.I. 88-388
 Legutis, A. 88-319
 Lehmann, K. (Ed.) 88-009 88-030
 Lejchik, V.M. 88-436
 88-437
 Lejpol't M. 88-129
 Lenders, W. 88-058
 Levin, V.A. 88-105
 Lex, W. 88-110
 Li, Yu.B. 88-210
 Liberman, E.A. 88-140
 Liddy, E. 88-360
 Livshits, E.S. 88-109
 Löckenhoff, H. 88-133
 88-145
 Lyashov, V.V. 88-111
- Machová, S. 88-456
 Magami, Y. 88-165
 Majstrenko, A.G. 88-307
 Makarova, K.S. 88-438
 Manasyan, N.A. 88-401
 Mann, H. 88-044
 Manu, A. 88-457
 Markey, K. 88-186 88-380
 McCain, K.W. 88-253
 McClellan, W.M. 88-244
 Medeiros, M.B.B. 88-311
 Mednikova, E.M. (Ed.) 88-402
 Meink, P. 88-069
 Micco, H.M. 88-211
 Mikhaj, N.G. 88-142
 Mikheev, M.Yu. 88-347
 Mikoni, S.V. 88-115
 Mksa, F. 88-168
 Milelina, T.V. 88-422
- Sengupta, I.N. 88-005
 Sergeev, K.A. 88-166
 Shaw, W.M.Jr. 88-226
 Shchedrovitskij, G.P. 88-137
 Shekhrin, D.E. 88-130
 Shelov, S.D. 88-117
 88-451
 Shimamoto, K. 88-256
 Shishov, P.L. 88-295
 Shmelev, A.D. 88-407
 Shnirel'man, A.I. 88-349
 88-257
 Shrejder, Yu.A. 88-122
 88-393
 Sidorenko, V.S. 88-157
 Sievert, M. 88-374
 Sil'dmyae, I. 88-148
 Simmons, R.F. 88-326
 Simonenko, L.A. 88-452
 Skorokhod'ko, E.F. 88-458
 Sližová, D. 88-182
 88-282
 Smirnov, I.P. 88-448
 Smirnov, V.A. 88-112
 Smith, Linda S. 88-312
 Spitz, A.L. 88-080
 Stam, D.C. 88-317
 Startseva, T.V. 88-123
 Stefanyuk, V.L. 88-394
 Stognij, A.A. 88-163
 Stumpfner, M. 88-061
 Su, St.Y.W. 88-216
 Subbotin, M.M. 88-156
 Suominen, V. 88-189
 Supalla, T. 88-050
 Sverchkova, V.B. 88-308
- Takahashi, M. 88-261
 Tarasyavichyus, A.P. 88-232
 Teorey, T.J. 88-194
 Tesakov, S.I. 88-294
 Tijts, M.A. 88-459
 Tikhonov, M.B. 88-419
 Timofeev, K.A. 88-338
 Tkacheva, L.B. 88-462
 Tonkova, N.I. 88-358
 Traiser, W. 88-072
 Tsitkina, F.A. 88-441
 Tudor-Silovis, N. 88-167
 Tversky, B. 88-049
 Tysenko, E.V. 88-170
- Urbanija, J. 88-176
 Urutyan, R.L. (Ed.) 88-055
 Uszkozeit, H. 88-408
- Velkova, R. 88-316
 Vergne, J. 88-370
 Verkade, P.E. 88-293
 Vickery, A. 88-395
 Vilar de Lemos, M.L. 88-301
 Vohra, R. 88-204
 Volkova, I.N. 88-460
- Wachowicz, K. 88-409
 Wappler, S. 88-318
 Watters, C.R. 88-396
 Wawrzynczak, R. 88-113
 Wegner, I. 88-404
 Weigand, H. 88-332
 Wellisch, H.H. 88-001
 Wenzel, F. 88-366
 Willet, P. 88-095
 Winett, Sh.G. 88-397
 Wirth, K. 88-235
 Wood, J.B. 88-234
 Wurr, P.R. 88-333
- Yablonskij, A.I. 88-136
 Yannakoudakis, E.J. 88-233
 Yaroslavtseva, E.I. 88-191 88-353
 Yu, Y.Y. 88-413
 Yudin, B.G. 88-135
- Zagaiko, T.K. 88-162
 Zakharov, V.P. 88-183
 Zecca Laterza, A. 88-315
 Zharkikh, E.Yu. 88-442
 Zhuravlev, V.F. 88-188
- Militarev, V.Yu. 88-143
 Milleman, R.E. 88-033
 Miram, G.E. 88-344
 Mithun, M. 88-052
 Mitrofanova, S.S. 88-107
 Moiseev, A.I. 88-439
 Molotkov, L.I. 88-203
 Moriwaki, H. 88-381
 Murinson, E.A. 88-288
 Musaev, K.M. (Ed.) 88-468
- Nalepin, V.L. 88-423
 Nalevkova, M. 88-443
 Nalimov, V. 88-334
 Negrini, G. 88-004
 Nemchenko, V.N. (Ed.) 88-357
 Neshitov, V.V. 88-362
 Neveling, U. 88-092
 Nevreva, M.N. 88-371
 Nilakantan, R. 88-178
 Noda, M. 88-255
 Noguchi, T. 88-172
 Nosenko, I.G. 88-116
 Novoselov, M.M. 88-106
 Nowicki, W. 88-445
- Obermeier, K.K. 88-363
 Ohly, H.P. 88-078
 Orishaka, S.A. 88-138
 Orlinkova, O.L. 88-263
 Orłowska, E. 88-154
 Otsuka, T. 88-330
 Overes, Y. 88-310
- Pagès, A. 88-464
 Paglieroni, D.W. 88-198
 Panin, E.N. 88-465
 Panyr, J. 88-231
 Papakostantinou, G. 88-121
 Parniczky, G. 88-074
 Pasian, F. 88-201
 Pavilenis, R.I. (Ed.) 88-335
 Perebejnis, V.S. 88-446
 Petri, S. 88-238
 Petrov, V.V. 88-440
 Petrova, Z.Yu. 88-296
 88-297
 Petrucciani, A. 88-218
 Petukhova, T.I. 88-461
 Piggott, M. 88-228
 Pollitt, A.S. 88-389
 Polonskaya, O.R. 88-341
 Posner, M.I. 88-048
 Pospelov, G.S. 88-390
 Prapat Lingam, P. 88-215
 Pretzsch, J. 88-084
 Pribytkov, G.I. 88-144
 Protopotova, O.V. 88-355
 Puppe, F. 88-391
- Radhakrishnan, V. 88-199
 Rakhilina, E.V. 88-372
 Ranganathan, S.R. 88-024
 Rau, L.F. 88-323
 Reinhold, D. 88-303
 Riggs, F.W. 88-420
 Roach, J.W. 88-200
 Robertson, S.E. 88-225
 Rodejohann, J. 88-302
 Rovira, C. 88-011
 Roy, Richard 88-213
 Ruchinskaya, E.M. 88-169
 Rumyantseva, N.L. 88-287
 Runeva, M. 88-277
- Saarinen, E. 88-337
 Safronova, M.V. 88-348
 Sahi, S.S. 88-258
 Saito, K. 88-283
 Salas-Tull, L. 88-205
 Sammut, C.A. 88-392
 Sapp, G. 88-314
 Sartor, F. 88-269
 Satija, M.P. 88-267
 Schael, F. 88-071
 Schippan, T. 88-403
 Schmitt, P.A. 88-127
 Schmitt, P.A. 88-447
 Schurz, G. 88-139
 Schwarz, G. 88-075
 Sedelow, S.Y. 88-364