

For reasons of space we could not include the many abstracts available to the references. The reader is invited to ask for copies of those abstracts in which he/she is especially interested. Please, cite the serial number at the left. The notation at the upper right hand corner refers to the Classification Literature Classification of which a preliminary version was published recently in Vol.2 of the International Classification and Indexing Bibliography (ICIB 2) (INDEKS Verlag 1984). It is planned to publish the final version soon.

0 FORM DIVISIONS

01	Bibliographies	49
02	Literature Reviews	-
03	Dictionaries, Terminologies	49
04	Classification Systems & Thesauri (CS & T)	49
05	Periodicals and Serials	50
06	Conference Reports, Proceedings	50
07	Textbooks (whole field)*	-
08	Other Monographs (whole field)*	51
09	Standards, Guidelines	51

1 THEORETICAL FOUNDATIONS

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

2 STRUCTURE AND CONSTRUCTION OF CS & T**

21	General questions of CS & T	52
22	Elements of CS & T	52
23	Construction of CS & T	52
24	Relationships	52
25	Numerical Taxonomy	52
26	Notation, Codes	53
27	Revision, Updating, Storage & Maintenance	-
28	Compatibility and Concordance between CS & T	-
29	Evaluation of CS & T	53

3 CLASSING AND INDEXING (METHODOLOGY)

31	Theory of Classing and Indexing	53
32	Subject Analysis	53
33	Classing and Indexing Techniques	54
34	Automatic Classing and Indexing	54
35	Manual and Automatic Ordering	54
36	Coding	54
37	Reclassification	54
38	Index Generation and Programs	54
39	Evaluation of Classing and Indexing	54

4 ON UNIVERSAL SYSTEMS

41	On Universal CS & T in General	55
42	On the Universal Decimal Classification (UDC)	55
43	On the Dewey Decimal Classification (DDC)	55
44	On the Libr. of Congr. Classif. (LCC) & LCSH	55
45	On the Bliss Classification (BBC)	55
46	On the Colon Classification (RCC)	-
47	On the Library Bibliographical Classif. (LBC/BBK)	-
48	On Other Universal Systems	55
49	free	-

* Monographs on special topics at special subdivisions
 ** CS & T stands for Classification Systems and Thesauri
 C & I stands for Classing and Indexing

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	-
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	-
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	55
63	On CS & T in the Cosmos and Earth Area 3	55
64	On CS & T in the Bio Area 4	55
65	On CS & T in the Human Area 5	55
66	On CS & T in the Socio Area 6	55
67	On CS & T in the Econ. & Production Area 7	55
68	On CS & T in the Science & Inform. Area 8	56
69	On CS & T in the Humanities Area 9	56

7 CLASSIFICATION AND LANGUAGE

71	General Problems of Natural Language	56
72	Semantics	56
73	Automatic Language Processing	56
74	Grammar Problems	56
75	Question-Answering Systems, Online Techniques	57
76	Lexicon/Dictionary Problems	57
77	General Problems of Terminology	57
78	Subject-Oriented Terminology Work	58
79	Problems of Multilingual Systems	59

8 APPLIED CLASSING AND INDEXING (C & I)

81	General Problems of Applied C&I	59
82	Data C&I	60
83	Title C&I	60
84	C&I of Primary Literature (Except 85)	-
85	Book Indexing	60
86	C&I of Secondary Literature	60
87	C&I of Non-Book Materials	61
88	C&I in Subject Fields	61
89	free	-

9 CLASSIFICATION ENVIRONMENT

91	Organization Problems in general	61
92	Persons and Institutions in Classif. & Indexing	61
93	Organisation on a National & Internat. Level	62
94	free	-
95	Education and Training in Classif. & Indexing	62
96	free	-
97	Economic Aspects in Classif. & Indexing	62
98	User Studies	62
99	Standardization in Classif. & Indexing	-

Personal Author Index	63
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*** 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. I.

0 FORM DIVISIONS

01 Bibliographies

See also 85-209, -236, -279

85-001 012
Classification and Indexing Research. Current Bibliography of Projects. Int.Classif. 11(1984)No 2, p.95-96, No.3, p.164
List of projects numbered 128-151 and classed according to the new CLC (Classification Literature Classification).

85-002 016.77
International Bibliography of Terminological Theses and Dissertations (BT12) - Progress Report. Orig. en.
Int.Classif. Vol 11, No 3, 1984. p.165-6
The report give a brief outline of the project, concerning the objectives, the recording and accessibility of the data and the classification. It describes the organization of work and lists the data elements. The service functions have not yet been fully established.

03 Dictionaries, Terminologies

85-003 038-6
Koschnick, W.J.: Standard Dictionary of the Social Sciences. Standardwörterbuch für die Sozialwissenschaften, Vol.1, English-German. Orig. en, de. München-New York-London-Paris: K.G. Saur 1984. 664p., DM 120.-, ISBN 3-598-10526-6
English-German dictionary which lists the actually used linguistic expressions of social science literature. Some 20 000 concepts from all areas of the social sciences with explanations and definitions in German are included, with the names of the authors, their subject fields within the social sciences and with illustrations and references. The author is a collaborator of the Institut für Demoskopie, Allensbach.

85-004 038-824
Walne, P.(Ed.); Evans, F.B., Himly, F.-J.(Comps.): Dictionary of archival terminology. Dictionnaire de terminologie archivistique. Orig.en, fr, nl, de, it, ru, es. München-New York-London-Paris: K.G.Saur 1984. 226p., DM 72.-, ICA Handbook Ser., Vol.3
Comprises 503 terms with definitions in English and French and equivalent terms in the other languages, arranged in alphabetical sequence of the English language. The indexes of the other languages point to the serial number of a term.

85-005 038-825
Durbidge, L.G.: Book review of Prytherch, R.(Ed.): Harrod's Librarians' glossary of terms used in librarianship, documentation and the bookcrafts, and reference book. 5th ed., rev. & updated. Aldershot, GB: Cower 1984. XI, 861p.
J.Doc.40(1984)No.3, p.239-241

04 Classification Systems & Thesauri

85-006 041.8
Verzeichnis lieferbarer Bücher. Alphabetische Schlagwortübersicht und Verweisungen mit Erläuterungen und Beispielen. (List of books in print. Alphabetical survey of subject headings and references with explanations and examples) Orig.de. Frankfurt/Main: Verlag der Buchhändler-Vereinigung 1984. 390p.
The list is meant for the German publishing houses, to facilitate the selection of subject headings for their documentation sheets informing on a newly produced book.

042 UNIVERSAL DECIMAL CLASSIFICATION

85-007 042.1-cs-0
Mezinárodní Desetinné Trídění. Tabulka Ie. Všeobecné pomocné znaky místa (výběr). 2.vydání. (UDC. Table Ie. Common Auxiliaries of Place. 2nd ed.) Orig. cs. Praha, CS: Ústřed' Vedeckých, Technických a Ekonomických Informací (UVTEI) 1984. 163p., FID 629, UVTEI 5503

85-008 042.1-en-385
UDC 666 Glass Industry. Ceramics. Cement and concrete. Orig.en
Milton Keynes, GB: British Standards Institution 1984. 57p., BS 1000(666):1984; ISBN 0-580-14112-8

85-009 042.1-en-593
UDC Class 64: Home Economics. Orig. en. Milton Keynes, GB: British Standards Institution 1984. 46p., BSI000(64):1984, ISBN 0-580-13754-6

85-010 042.8-hu-527;357;75
Magyar Szabványügyi Hivatal: Betürendes mutató az ETO 624 Építőmérnöki tudományok. Műlyépítés. Magasépítés. 625 Közlekedési utak technikája. Vázútlepítés. Utépítés. 626/627 Vízépítés. 628 Közegésztűgyűgyi mérnöki technika. (Index to UDC classes 624-628.

Civil Engineering, Railway & Highway Engineering, Hydraulic Engg., Health Engg.) Orig. hu. Budapest, HU: Szabványboltban 1983. 96p.

85-011 042.1-pl-13; 61; 62; 71/2
UDK 30 Sociologia. Metody nauk społecznych. Ogólne zagadnienia społeczne. Socjografia. 31 Statystyka. Demografia. 32 Polityka. 33 Ekonomia polityczna. Gospodarka. Orig.pl. Warszawa, PL: Instytut Informacji Naukowej, Technicznej i Ekonomicznej (IINTE) 1983. XII, 318p.

85-012 042.1-ru-27
UDK: Tre'e Sovetskoe Izdanie 66 Khimicheskaja tehnologija, Khimicheskaja promyshlennost'. Rodstvennye otrasli. (UDC 66: Chemical engineering and allied industries) Orig.ru. Moskva, SU: Vsesojuznyj Nauchno-Issledovatel'skij Inst.Tehniczeskoj Informacii, Klassifikacii i Kodirovanija (VNIKI) 1983. 186p.

85-013 042.1-sk-75
UDK: prvo srpskohrvatsko potpuno izdanje: 624 Gradjevinarstvo i tehnika konstrukcija uopste. 625 Niskogradnja u kopnenom transportu. Izgradnja zeleznica. Izgradnja puteva. (UDC 624-625: Civil Engineering; Railway and Highway Engineering) Orig. sk. Beograd, YU: Jugoslav Center for Technical and Scientific Documentation 1983. 58p.

045 BLISS BIBLIOGRAPHIC CLASSIFICATION

85-014 045.1-en-6
Mills, J.; Broughton, V.: Bliss Bibliographic Classification, 2nd ed.: Class K. Society. Orig. en. London, GB: Butterworths 1984: 41+167p., L 32.-, ISBN 0-408-70820-4
Contains an introduction, an outline of the complete classification and one of the Class K schedules as well as the schedules for "Society", subdivided into: Study and research; Interpretations, perspectives; (Phenomena): Social ecology and environment; Social processes; Social structure; Custom, folklore & mythology). An auxiliary schedule K1 (for subdivision of any subject in folklore & mythology) follows and an A/Z index to classes in the schedules.

048 SPECIAL CLASSIFICATION SYSTEMS AND THESAURI

85-015 048-4
Life Science Collection Thesaurus. Orig. en.
Bethesda, MD: Cambridge Scientific Abstracts 1983. 130p.

85-016 048-46
Reseau des organismes agricoles pour une technique, socio-économique, juridique et financière: Thesaurus RESAGRI. (Agricultural thesaurus in three volumes) Orig. fr. Paris, FR: RESAGRI 1984. 256+452+72p., ISBN 2-905132-01-9, -02-7, -03-5

85-017 048-49
Commission of the European Communities (CEC). Directorate General XIII, Information Market and Innovation: Multilingual descriptor system for the European inventories on the environment. Pilot edition. Orig. en. Hitchin, GB: Peregrinus 1983. 419p., de, en, fr, it, da, nl, ISBN 0-86341-007-3, EUR-B638-EN

85-018 048-51/4
Permutated Medical Subject Headings 1984. Orig. en. Bethesda, MD: National Library of Medicine 1983. 372p., Blaise Bibliographic Aid No.3, PB 83-234781

85-019 048-58
Sport Thesaurus. Orig. en. Ottawa, CA: Sport Information Resource Centre 1983. 202p.

85-020 048-62
Thesaurus banque d'information politique et d'actualité de la documentation française. (Thesaurus for the information bank on politics and contemporary events of Documentation Française) Orig. fr. Paris, FR: La Documentation Française 1983. 283p., ISBN 2-11-001061-4

85-021 048-676
PAIS Subject headings. Orig. en. New York, NY: Public Affairs Information Service 1984. 300p.

85-022 048-72
Fay, C. (Comp. & Ed.): The Management Contents Database Thesaurus and Dictionary. Orig. en. Northbrook, IL: Management Contents 1984. 316p., loose-leaf, \$ 120.-
The cover announces: The complete online users guide to The Database for Business and Management. Accordingly this Guide contains everything needed for the input and retrieval of the different kinds of records which the Management Contents Database offers, namely: Immediate subject access to fully indexed and abstracted articles from over 700 publications, plus books and courses; Location of company names and addresses, product names and evaluations; Prominent people and professional titles; Financial data on a company's profits, losses, sales; Immediate retrieval of company information by Ticker Symbol or DUNS Number; Location of articles with organization

charts, graphs, diagrammatic models, photographs, etc. Location of trade and industry news as well as theoretical and scholarly articles. To the thesaurus is added 1) introduction, 2) record descriptions, 3) command charts, 4) sample searches, 5) special services. It is introduced by a subject hierarchy listing, an alphabetical listing of some 4500 terms with the usual relationship indications, a section called "quick references" with "modifiers" for document and article type, special features, named persons, company names, postal codes, product names. A dictionary is added containing the definitions of all of the descriptors as well as a list of the journals with their codes, Coden and ISSN plus their addresses and subscription information.

85-023 048-72
Betriebswirtschaftlicher Thesaurus Datenbank BLISS. (Thesaurus on economics for the Datenbank BLISS) Orig.de. München, DE: Gesellschaft für betriebswirtschaftl. Inform. (GBI) 1984. ca 100 p.

05 Periodicals and Serials

85-024 056.73
 Gesellschaft für Linguistische Datenverarbeitung (GLDV): LDV Forum. 1(1983?)No.1, (1984)No.2, 38 p., irr., free of charge for members of the Society. ISSN 0172-9926

85-025 056.25
 Arable, Ph.(Ed.); Bilger, L. (Techn.Ed.): Journal of Classification. Published for the Classification Society of North America. Orig.en. New York, NY: Springer Verlag 1984- Vol.1, No. 1. 3x/ann. (No.1: 140p.) \$45.-
 Contains announcements, articles and book reviews in the field of numerical classification. Single articles see under 25.

85-026 056.757
 Croall, I., Ishizuka, M., Watermann, D. (Eds.): Expert Systems. The International Journal of Knowledge Engineering. Orig. en. Vol 1, No 1, 1984, quarterly, Ann.Subscription \$ 79.-, L 60.-
 Each of the first two issues contain four articles, news features and news, announcements of conferences, seminars, exhibitions, abstracts on publications and an interview with A.d' Agapeyeff. Both issues comprise some 178 pages; they make up volume 1 and are concluded by an index. The articles:
 85-027 Fox, M.S.; Smith, St.F.: ISIS - a knowledge-based system for factory scheduling. - 85-028 Ishizuka, M.: Japanese work in expert systems. - 85-029 Zivy, G.M.: The role of expert systems in producing log interpretation software - 85-030 Waterman, D.A.; Peterson, M.A.: Evaluating civil claims: an expert systems approach. - 85-031 Sagalowicz, D.: Development of an expert system. - 85-032 Smith, S.B.; Lane, R.S.: An intelligent operator aid for dynamic route planning. 85-033 Michaelson, R. H.: An expert system for federal tax planning. - 85-034 Gottinger, H.W.: Hazard: an expert system for screening environmental chemical on carcinogenicity. -

85-035 058-825
 Serrai, A. (Ed.): Il Bibliotecario. Rivista de Biblioteconomia, Bibliografia e Scienze dell'Informazione. Orig.it. 1984, Vol 1, No 1; Roma, IT: Bulzoni Editore 1984. 4x/ann. L 30.000.-
 The journal contains an editorial, articles and book reviews. One article of relevance: 85-036 Cochetti, M.: Teoria e costruzione degli indici secondo Conrad Gesner. (Theory and construction of indexes according to C.Gesner)

06 Conference Reports, Proceedings

See also 85-370, -429, -431

85-037 06.81-10-1/4
 Deely, J.N. (Ed.); Lenhart, M.D.: Semiotics 1981. Proceedings of the 6th Annual Meeting of the Semiotic Society of America, Nashville, TN, Oct.1-4, 1981. Orig.en. New York-London: Plenum Press 1983. XIV,555p.

85-038 06.82-11-11/12
 Snell, B. (Ed.): Term banks for tomorrow's world. Proceedings of a conference, 11-12 November 1982, at the London Press Centre. Orig.en. London, GB: Aslib 1983. 212p., Translating and the Computer 4, ISBN 0-85142-172-5

85-039 06.81
 Oehler, K.: Zeichen und Realität. Akten des 3.Semiotischen Kolloquiums, Hamburg 1981. (Sign and reality. 3 vols.) Orig. de. Tübingen, DE: Stauffenberg Verl. 1984. 1230p., DM 280.-, ISBN 3-923721-81-1

85-040 06.82-06-28/
 Endres-Niggemeyer, B.: Book review of Universal Classification Subject Analysis and Ordering Systems. Proc.4th Int.Study Conf. on Classification Research, Augsburg 1982. Frankfurt: INDEKS Verl.1982/83. 2 vols. Orig.en. Int.Classif. 11(1984)No 3, p. 169-171 (Transl. of German text from DK-Mitt.28(1983)1, p.3-4)

85-041 06.83-04-5/8
 Beck, H.: Book review of Automatisierung in der Klassifikation: Proceedings (T.I) d.7.Jahrestagung d.Ges.f.Klassifikation, Kognitivwinter, 5.-8.April 1983. Frankfurt: INDEKS Verl.1983. 286p. Orig. de. Zbl.Bibl.wes. Vol 99, No 2, 1985. p.85-88

85-042 06.83-11-28/30
 Klenk, U.: Report on Symposium on grammars of analysis and synthesis and their representation in computational structures. Tallinn, SU, 28-30 Nov.1983. Orig. de. LDV-Forum Vol 2, No 2, 1984. p.20

85-043 06.84-02-27/29
 Klenk, U.: Report on DGFS-Tagung, Bielefeld, DE, 27.-29.Febr.1984. Orig. de. LDV-Forum Vol 2, No 2, 1984. p.21

85-044 06.84-04-10/13
 Henzler, R. (Ed.): Anwendungen in der Klassifikation. Bd.1. Proceedings der 8.Jahrestagung der Gesellschaft für Klassifikation eV, Hofgeismar, 10.-13.April 1984. (Applications in Classification, Vol.1.) Orig. de. Frankfurt/Main: INDEKS Verl. 1985. 256p., DM 46.-, Studien zur Klassifikation, Bd.14, ISBN 3-88672-013-6

The volume contains the following 21 papers and reports on the parallel sessions and the Special Interest Groups of the Society. It has a personal name index and a subject index.

85-045 Ballmer, Th.T.: Die Allgemeinsprache als Grundlage des menschlichen Wissens. (Ordinary language as basis of human knowledge) - 85-046 Ungvary, R.: Ein natürliches System der Gegenstände. (A natural system of objects) - 85-047 Fugmann, R.: Theoretische Grundlagen der Indexierungspraxis. (Theoretical foundations of indexing practice). 85-048 Veltman, K.H.: Multidimensional bibliography in classification. - 85-049 Jochum, F.; Weissmann, V.: Struktur und Elemente des Information Retrieval Experiments. (Structure and elements of the information retrieval experiment). - 85-050 Liedloff, V.: Anwendung eines existenten Klassifikationssystems im Bereich der computergestützten Inhaltsanalyse. (Application of an existing classification system in the area of computer-assisted contents analysis). - 85-051 Kohl, E.: Der Thesaurus Polianthes der Bibliothek des Deutschen Bundestages in Beziehung zu den Normen DIN 1463, ISO 2788 und ISO 5964. (Thesaurus Polianthes of the library of the German Parliament in relation to the standards DIN 1463, ISO 2788 and ISO 5964). - 85-052 Gödert, W.: Komplementarität bei der Klassenbildung in der klassifikatorischen und verbalen Sacherschließung. (Complementarity of class formation in classificatory and verbal subject analysis). - 85-053 Lunau, H.: Das natürliche System der Organismen als Klassifikationschema für Biologiebestände? (The natural system of organisms as classification scheme for biology holdings?). - 85-054 Klöti, Th.: Aufstellung einer Kartensammlung in einer Fachbereichsbibliothek. (Establishment of a map collection in a departmental library). - 85-055 Holz-Mantärt, J.: Die Recherchierarbeit des Berufstranslators. (Retrieval work of the professional translator). - 85-056 Krommer-Benz, M.; Nedobity, W.: Klassifikationssysteme und die terminologischen Datenbanken. (Classification systems and terminological databanks). - 85-057 Nacke, O.: Prinzipien eines zentralen Verwaltungssystems für Terminologie. (Principles for a central management system for terminologies). 85-058 Lauterbach, H.: Teile- und Produktbeschreibung mit Hilfe des Sachmerkmal-Systems nach DIN 4000. (Description of parts and of products with the help of a system of characteristics according to Standard DIN 4000). - 85-059 Haendler, H.: Konzipiert für die Belange der Datendokumentation: der Internationale Futtermittelthesaurus. (Conceived for the purposes of data documentation: the international fodder thesaurus). - 85-060 Stancikova, P.: Methodology of Multilingual Water Management Thesaurus processing. 85-061 Rauschenberger, H.: Klassifikationen in EDV-gestützten Umweltauskunftssystemen. (Classification systems in computer-supported referral systems for the environment). - 85-062 Herfurth, M.; Schott, H.: Dokumentationssprache zwischen Wissenschaft und Informationspolitik - Konzepte und Verfahrensweisen im Informationszentrum Sozialwissenschaften. (Documentation language between science and information politics - concepts and procedures in the Information Center for the Social Sciences). - 85-063 Graumann, S.: Aufbau, Struktur und Probleme bei der Erstellung eines EDV-gestützten Thesaurus. (Construction, structure and problems in establishing a computer-supported thesaurus). - 85-064 Dahlberg, I.: Zur Systematik der Sachgebiete in der neuen Internationalen Enzyklopädie der Sozialwissenschaften. (On the systematics of the subject fields in the new International Encyclopedia of the Social Sciences)

85-065 06.84-07-1/7
 Batori, I.S.: COLING 84 in Stanford, 1.Juli - 7.Juli 1984. Orig. de. LDV-Forum Vol 2, No 2, 1984. p.23

85-066 06.84-08-13/17
 Gläser, R.: XVth International Congress of Onomastic Sciences. Orig.en. Special Language/Fachsprache 6(1984)No 3-4, p.148-9

85-067 06.84-08-20/25
 Kelm, B.: 50th IFLA Meeting Nairobi 1984. IFLA Division on Bibliographic Control, Section on Classification and Subject

Cataloguing. Int.Classif. Vol 11, No 3, 1984. p.161-162
Report on the meetings, the status of project work to date and on the new Medium Term Programme for 1986-1991.

85-068 06.84-09-25/26
6th Meeting of the Münster Arbeitskreis für Semiotik, 25-26 Sept.1984. Orig. en. Int.Classif. Vol 11, No 3, 1984. p.163
Report lists mainly the 16 papers in German and English.

85-069 06.84-10-9/12
Deutscher Dokumentartag, Darmstadt, Oct.9-12, 1984. Orig. en. Int.Classif. Vol 11, No 3, 1984. p.163-164
List of the relevant papers from the sessions "Terminology and Language Problems" and "Bibliometrics and Scientometrics".

08 Other Monographs

85-070 OB.3
Berman, S.: Subject Cataloging, Critiques and Innovations. New York, NY: Haworth Press 1984. 252p., \$22.95, Techn.Serv. Quarterly 2(1984)No.1/2, ISBN 0-86656-265-6
It is stated ahead that "The purpose of this volume is to pinpoint what is wrong with current subject cataloging". Therefore it suggests reforms and reports on innovations which have been utilized successfully. It includes 13 articles, an annotated list of authors and an index.
85-071 Likins, J.R.: Subject headings, silly, American, 20th Century - Complications and sequelae - Addresses, essays, lectures. - 85-072 Koger, E.: Subject headings for children's fiction. - 85-073 Choquette, D.: The new religious movements research collection: a history and description of alternative subject cataloging. - 85-074 Smith, Sh.A.: Problems in I&R taxonomy, with a grassroots solution. - 85-075 Elssesser, L.: A case of "Cirosis": The subject approach. - 85-076 Taylor, A.: But I have promises to keep - PRECIS, an alternative for subject access. - 85-077 Murdock, P.R.: Multilingual access: the Jefferson County Public Library experience. - 85-078 Report of the SAC Ad-Hoc Subcommittee on Concepts Denoted by the Term "Primitive". - 85-079 Berman, S.: Two changed headings: Documentation. - 85-080 Berman, S.: Out of the kitchen - but not into the catalog. - 85-081 Berman, S.: Beyond the pale: subject access to Judaica. - 85-082 Berman, S.: "Teen" subject headings: a selection from the Hennepin County Library authority file. - 85-083 Berman, S.: Tools for tinkering.

09 Standards, Guidelines

85-084 09.23
DIN 32 705: Klassifikationssysteme. Erstellung und Weiterentwicklung von Klassifikationssystemen. (Classification systems. Establishment and development of classification systems.) Orig. de. Berlin, DE: Beuth Verlag 1985. 12p., DIN 32 705
The yellow printing (preliminary publication) of this standard is meant for critical comments, possible in the time between Febr. and August 1985. The standard is arranged in 8 sections: Purpose, Concepts, Elements and structure of classification systems (CS), Types of CS, Class designations (incl. notation), Establishment of CS, Formal arrangement, layout, etc., Maintenance and updating of CS.

85-085 09.383
DIN 31 630, Teil 1. Entwurf. Registererstellung; Grundlagen; Formale Gestaltung von gedruckten Registern. (Establishment of indexes; Foundations; Formal preparation of printed indexes) Orig. de. Berlin, DE: Beuth Verl. 1984. 20p., DIN 31 630, Teil 1

85-086 09.21
Informationsrecherchesprachen, Bd.2. Normativ-technische Dokumente und methodische Richtlinien. (Information retrieval languages, vol.2. Normative technical documents and methodical guidelines) Orig. de. Berlin, DD: Zentralinst. f. Inform. u. Dok. d. DDR (ZIID) 1983. 68p.

85-086a 09.487
World Intellectual Property Organization (WIPO): Patent Information and Documentation Handbook. 3 vols. Manuel sur l'information et al documentation en matière de brevets. Orig. en. fr. Geneva, CH: WIPO 1981-1983

85-087 09.714
DIN 2338, Teil 1, Vornorm: Begriffssystem Zeichen. Allgemeine Grundlagen. Orig. de. Berlin, DE: Beuth Verl. 1984. 6p.

1 THEORETICAL FOUNDATIONS

11 Order and Classification

85-088 111
Rjabov, A.V.; Stjzhkin, N.I., Calenko, M.Sh.: Classification theory and classification problems of textology, documentology

Int. Classif. 12(1985)No.1 Classification Literature

and archives. Orig. ru. In: Primenenie metodov sistem. anal. dlja razvitiya ASNTI po dok. GAF SSSR; Moskva, SU 1983. p.14-48

12 Conceptology in Classification

See also 85-046, 85-110 - 85-120

85-089 121
Gabbay, D. (Ed.); Guenther, F. (Ed.): Handbook of philosophical logic. Vol.1: Elements of classical logic. Orig. en. Dordrecht, etc.: Reidel 1983. XIII, 493p.

85-090 121
Haller, R. (Ed.): Beiträge zur Philosophie von Stephan Körner. (Contributions to the philosophy of Stephan Körner) Orig. de. Amsterdam, NL: Rodopi 1983. 305p., Grazer Philosophische Studien 20(1983), ISBN 90-6203-576-0
To honor their teacher and beloved colleague the following 15 articles are devoted to Stephan Körner at his 70th birthday. Among these contributions the following ones are of interest in the context of concept analysis and systematization:
85-091 Sauer, W.: Über begriffliche Rahmen. (On conceptual frames). - 85-092 Haller, R.: Als-Ob - Zu St. Körners Idealisierungen. (As If - concerning St. Körner's idealizations). - 85-093 Poser, H.: Mögliche Erkenntnis und Erkenntnis der Möglichkeit. Die Transformation der Modalkategorien der Wolffschen Schule in Kants Kritischer Philosophie. (Possible recognition and recognition of possibility. The transformation of the modal categories of the school of Wolff in the critical philosophy of Kant). - 85-094 Mainzer, K.: Philosophische Grundlagen und die Entwicklung der Mathematik. (Philosophical foundations and the development of mathematics). - 85-095 Knapp, H.G.: Unschärfer Begriff und Theoriendynamik - Mathematische Größe in Altertum und Mittelalter. (Fuzzy concept and theory dynamics - mathematical magnitude (Größe) in antiquity and the medieval ages). - 85-096 Weinberger, O.: Eine Semantik für die praktische Philosophie. (A semantics for practical philosophy). -

85-097 122; 776
Burt, E.M.: Scientific notions as systems and their descriptions in explanatory terminological dictionaries. Orig. ru. Vopr. Jazykoz. No 1, 1984. p.36-43, 10 refs.

85-098 123
Kuchkarov, Z.A.: Methodological aspects of using the researcher's a priori knowledge in postulating concept formal construction. Orig. ru. Moskva, SU: CNII i Proekt. Eksperim. Institut po Metodol., Organiz., Ekonom. i Avtomatiz. proektir. i inzh. izyskanij 1983. 4p., 2 refs.

85-099 1232
Cornu, G.: Les définitions dans la loi. (Definitions in law) Orig. fr. Language du droit et traduction. Québec, CA 1983. p.15-29

85-100 124
Cercone, N.; Goebel, R.: Data bases and knowledge representation for literary and linguistic studies. Orig. en. Computers and the Humanities Vol 17, No 3, 1983. p.121-137

85-101 128-615
Nutter, J.J.: Terrorism: a problem of definition or epistemology. Orig. en. Int. Classif. Vol 11, No 3, 1984. p.167, COCTA News, Dec. 1984

85-102 1232; 128-66
Antonova, T.I.: Textual formulations of a scientific definition. Orig. ru. Vopr. Jazykoz., No 1, 1984. p.106-115, 8 refs.

85-103 128-831
Durchholz, R.: Konzeptionelles Schema. (Conceptual scheme) Orig. de. Informatik Spektrum 7(1984)No 4, p.245-247, 3 refs.
Attempt at defining within the framework of databanks and information systems the concept "conceptual scheme" as a formal description, obligatory for all participating, of all those invariants agreed upon for an area of discourse.

13 Mathematics in Classification

85-104 1324
Zadeh, L.A.: Fuzzy probabilities. Orig. en. Inform. Process. & Management Vol 20, No 3, 1984. p.363-372, 29 refs.

14 Systems Theory in Classification

85-105 143
Systems research: Methodological problems. Orig. ru. Moskva, SU: Nauka 1983. 365p.
15th issue of the annual prepared by the All-Union Systems Research Institute. The following are 3 out of 19 articles:
85-106 Klir, Dzh.: Systems science: a new measurement of science. - 85-107 Kagan, M.S.: System and structure. - 85-108

51

85-168 321
Ungurian, O.: Semantic categories of "subject of document" coverage. Orig.p.l. Zag.inform.nauk., No 1 1983. p.29-54, 7 refs.

85-169 322
Vitrai, J.; Czobor, P., Simon, G., Varga, L., Marofski, S.: Beyond principal component analysis: Canonical component analysis for data reduction in classification of EPs. Orig. en. Int.J.Bio-Medical Computing Vol 15, No 2, 1984. p.93-111

85-170 324
Stock, W.G.: Informetric analyses based on the textword method. Orig. de. Int.Classif. Vol 11, No 3, 1984. p.151-157, 14 refs. This article introduces those informetric methods working with the text-word method. It is independent of thesauri and classification systems.

85-171 328-51/4
Glasziou, P.; Verneir, D.: Information analysis for medical expert systems. Orig. en. Method.Inform.Med. Vol 23, No 3, 1984. p.126-134, 12 refs.

85-172 328-69
Blair, J.; Riden, Ph.: Computer-assisted analysis of medieval deeds. Orig.en. Archives 15(1982)No 68, p.195-208, 24 refs.

85-173 329
Parker, L.M.P.: An experiment in document representative modification. Orig.en. J.Inform.Sci. 8(1984)No 1, p.1-6, 7 refs.

33 Classing and Indexing Techniques

See also 85-052, -070

85-174 331
Sosinska, B.: Problems of subject approach in information in A.Foskett's works. Orig.p.l. Zag.Inform.Nauk, No 1, 1983. p.157-162

85-175 333; 179
Chicorel, M.: Indexing into the 21st century. Orig. en. Techn.Serives Quarterly Vol 1, No.1, 1983, p.199-203, 7 refs.

85-176 333
Rowley, J.E.: Cataloguing and indexing in school libraries: the tools. Orig. en. School Librarian Vol 32, June 1984. p.113-119

85-177 333
Schnelling, H.: Pattern indexing: an attempt at combining standardized and free indexing. Orig.en. Int.Classif. Vol 11, No 3, 1984. p.128-132, 33 refs.

337 PRECIS
See also 85-414

85-178 337
Austin, D.: PRECIS: Basic principles, functions and use. Orig.en. INSPEL Vol 18, No 2, 1984. p.107-121, 7 refs.

85-179 337
Mahapatra, M.; Biswas, S.C.: Efficiency of PRECIS role operators. Orig. en. Int.Libr.Rev. Vol 16, No 3, 1984. p.299-307
Quantitative evaluation of the PRECIS role operators (frequency of occurrence of different role operators in an input string.)

85-180 337
Maassen, B.: PRECIS theory and practice: the PRECIS project of the Deutsche Bibliothek. Orig. en. Int.Cataloguing Vol 13, No 2, 1984. p.15-17

85-181 337
Junginger, F.: Die Eignung von PRECIS für deutsche Bibliotheken. Bemerkungen zu Bernd Maassen: PRECIS - Erfahrungen mit einem Projekt. (Suitability of PRECIS for German libraries. Remarks to Bernd Maassen: Experiences with a project) Orig. de. Z.Bibl.wes.u.Bibliogr. Vol 31, No 1, 1984. p.31-40, 10 refs.

34 Automatic Classing and Indexing

See also 85-050, -446

85-182 341
Pashchenko, N.A., Khorina, L.V., Molchanova, T.V., Chepigo, T.S., Shumlina, A.L., Jarovenko, O.I.: Problems of automation of indexing and abstracting. Orig.ru. Itogi nauki i techn.: Inform., No.7, 1983. p.7-164, 401 refs.

85-183 3432
Grefenstette, G.: Traitements linguistiques orientés vers la documentation automatique. (Linguistic treatments in automatic documentation) Orig.fr. Paris, FR: Th.3e cycle: Electron. 1983. 153p.

52

85-184 344
Craven, T.C.: Indexer productivity aids for a concept-network index display generator. Orig. en. In: Productivity in the information age: Proceedings of the 46th ASIS Annual Meeting, Oct.2-6, 1983. Vol.20. White Plains, NY: Knowledge Industry Publ. 1983. p.266-268

85-185 345
Dutta, S.; Sinha, P.K.: Pragmatic approach to subject indexing: a new concept. Orig. en. J.ASIS Vol 35, No 6, 1984. p.325-331, 13 refs.

85-186 349
Zdenek, J.: Automatic indexing of full texts. Orig. en. Inform.Process. & Management Vol 20, No 5/6, 1984. p.619-627

35 Manual and Automatic Ordering

85-187 353
Willet, P.: Evaluation of relocation clustering algorithms for the automatic classification of chemical structures. Orig.en. J.Chem.Inform.Comput.Sci. 24(1984)No 1, p.29-33

85-188 358-51/4
Wood, J.B.: Use of online technology in comparing file structure to discipline structure. Orig. en. In: Williams, M.E., Hogan, T.H.(Eds.): Proc.5th National Online Meeting, New York, April 10-12, 1984; Medford, NJ: Learned Information 1984. p.463-468, 17 refs.

36 Coding

85-189 361
Kochen, M.: Coding for recording and recall of information. Orig. en. Inform.Process. & Management 20(1984)No 3, p.343-354, 19 refs.

37 Reclassification

85-190 371; 43
Tweiteras, A.: Continuous reclassification if international practice is to be achieved? Orig.no. Bog og Bibliotek Vol 51, No 1, 1984. p.29-31

85-191 376
Paskaleva, D.: Reclassifying library collections for LBC. Orig.ru. Bibliotekar Vol 30, No 12, 1983. p.28-30

38 Index Generation and Programs

See also 85-036, -085

85-192 382
Wernstedt, I.; MacArthur, R.: Cumulative indexes. Orig. en. Serials Review Vol 9, No 4, 1983. 97p.

85-193 384
Welford, S.M.; Lynch, M.F., Barnard, J.M.: Computer storage and retrieval of generic chemical structure in patents. 5. Algorithmic generation of fragment descriptors for generic structure screening. Orig. en. J.Chem.Inform.Comput.Sci. Vol 24, No 2, 1984. p.57-66, 21 refs.

85-194 384
Barnard, J.M.; Lynch, M.F., Welford, S.M.: Computer storage and retrieval of generic chemical structures in patents. 6. An interpreter program for the generic structure description language GENSAL. Orig.en. J.Chem.Inform.Comput.Sci. Vol 24, No 2, 1984. p.66-71, 24 refs.

85-196 388-26
Pao, M.L.; Butcher, S.: Problems of creating an index of piezoelectric compounds on SYSTEM 1022. Orig. en. National Online Meeting. Proceedings. New York, NY, April 10-12, 1984. Medford, NJ: Learned Information, Inc. 1984. p.279-285, 10 refs.

85-197 389
Oushenko, K.V.; Libennan, A.A.: On measuring the effectiveness of science bibliographic indexes. Orig. ru. Sostojanie i tendencii razvitiya obshch.retrosop.bibliogr.obsluzh.spec.v universal'n.nauch.bibliotekach. Moskva 1983. p.144-158, 39 refs.

39 Evaluation of Classing and Indexing

See also 85-049

85-198 392.02
Markey, K.: Inter-indexer consistency tests: a literature review and report of a test of consistency in indexing visual materials. Libr. & Inform.Sci.Res. 6(1984)April, p.155-77

Int.Classif. 12(1985)No.1 Classification Literature

85-144 253
Adams, J.M.; Aldrich, T.K., Arora, N.S., Rochester, D.F.: Multivariate analysis of diaphragm EMG power spectral moments. Orig. en. Computers and Biomedical Research Vol 17, No 2, 1984. p.163-174

85-145 253
Can, F.; Ozkarahan, E.A.: Two partitioning type clustering algorithms. Orig.en. J.ASIS 35(1084)No 5, p.268-276, 11 refs.

85-146 253
DeSarbo, W.; Rao, V.R.: GENFOLD2: a set of models and algorithms for the GENeral UNFOLDing analysis of preference/dominance data. J.Classif. 1(1984)No 2/3, p.147-186, 58 refs.

85-147 253
Greenacre, M.J.: Theory and applications of correspondence analysis. Orig. en. London, etc.: Academic Press 1984. XII,364p., 300 refs.(approx.), \$56.00, ISBN 0-12-299050-1
9 chapters: Introduction. Geometric concepts in multidimensional space. Simple illustrations of correspondence analysis. Theory of correspondence analysis and equivalent approaches. Multiple correspondence analysis. Correspondence analysis of ratings and preferences. Use of correspondence analysis in discriminant analysis, classification, regression and cluster analysis. Special topics. Applications. App.1: Singular Value Decomposition (SVD) and Multidimensional Analysis. App.2: Aspects of computation.

85-148 253
Heiser, W.J.: Book review of Coxon, A.P.M.: The user's guide to multidimensional scaling. London, GB: Heinemann 1982. XII, 271p. Orig. en. J.Classif. Vol 1, No 2/3, 1984. p.271-274, 25 refs.

85-149 253
Vogel, F.; Dobbener, R., Grünwald, W.: Iterative Klassifikation von Merkmalsträgern. Programmpaket KOMIXI. (Iterative classification of objects. Program package KOMIXI. 3rd improved and enlarged ed.) Orig. de. Bamberg, DE: Universität. Forsch.Stelle f.Numerische Klassifikation 1985. 50p.
KOMIXI is a program package for the iterative classification of objects, designated by characteristics of all kinds, that is, by classificatory (nominal-scaled), comparative (ordinal scaled) and metrical (interval/ratio-scaled) ones. KOMIXI may also be applied to the classification of objects characterized by either one of the kinds of characteristics mentioned. The methodological basis of KOMIXI is the exchange procedures with a quality function primarily developed for mixed variables. It is based on entropy.

85-150 253
Wishart, D.: CLUSTAN. 3.Ausg. Benutzerhandbuch. (CLUSTAN. 3rd ed. User Manual) Orig.de. Stuttgart, DE: G.Fischer 1984. 263p., 69 refs., ISBN 3-437-40150-5

85-151 253
Weber, E.: Book review of Wishart, D.: CLUSTAN-Benutzerhandbuch. 3rd ed. Transl. from the English original by J.B.Schäffer. Stuttgart-New York: G.Fischer 1984. XX, 244p. Orig. en. Meth. Inform. Med. Vol 23, No 4, 1984. p.221

85-152 254
DeSoete, G.: Ultrametric tree representations of incomplete dissimilarity data. J.Classif. 1(1984)No 2/3, p.235-42, 18 refs.

85-153 254
Furnas, G.W.: The generation of random, binary unordered trees. Orig.en. J.Classif. Vol 1, No 2/3, 1984. p.187-233, 38 refs.

85-154 254
Murtagh, F.: Structure of hierarchic clusterings: implications for information retrieval and for multivariate data analysis. Orig.en. Inform.Process.& Management 20(1984)No 5/6, p.611-7

85-155 258
Bock, H.H.: Book review of Niemann, H.: Klassifikation von Mustern (Pattern classification). Berlin-Heidelberg: Springer Verl. 1983. 340p. Orig.en. Int.Classif. 1(1984)No 3, p.171

85-156 258-26
Day, W.H.E.: Book review of Sankoff, D., Kruskal, J.B. (Eds.): Time warps, string edits, and macromolecules: The theory and practice of sequence comparison. Reading, MA: Addison-Wesley 1983. 396p. J.Classif. 1(1984)No 2/3, p.281-5, 5 refs.

85-157 258-26
Hopke, Ph.K.: Book review of Massart, D.L., Kaufman, L.: The interpretation of analytical chemical data by the use of cluster analysis. New York, NY: Wiley 1983. 237p. Orig. en. J.Classif. Vol 1, No 2/3, 1984. p.280

85-158 258-334
Chidananda Gowda, K.: A feature reduction and unsupervised classification algorithm for multispectral data. Orig. en. Pattern Recognition Vol 17, No 6, 1984. p.667-676, 28 refs.

Int.Classif. 12(1985)No.1 Classification Literature

85-159 258-334
Lowitz, G.E.: What the Fourier transform can really bring to clustering. Orig. en. Pattern Recognition Vol 17, No 6, 1984. p.657-665, 6 refs.

85-160 258-53
Köhler, C.O.: Book review of Rehpenning, W.: Multivariate Datenbeurteilung. Statistische Untersuchungen über krankheitsbedingte Lage- und Strukturveränderungen klinisch-chemischer Kenngrößen. (Multivariate data-judgement. Statistical investigations on changes in the position of structure of clinico-chemical parameters due to disease). Med.informatik u.Statistik, Vol.43. Berlin, DE: Springer 1983. 89p. Orig. de. Meth.Inform.Med. Vol 23, No 3, 1984. p.171

26 Notation, Codes

85-161 268-26
Simmons, E.S.: Central patents index chemical code. A user's viewpoint. Orig.en. J.Chem.Inform.Comput.Sci. 24 (1983) No.1, p.10-15, 2 refs.

29 Evaluation of CS & T

85-162 294
Bertrand-Gastaldy, S.: Les thésaurus de recherche: des outils pour l'interrogation en vocabulaire libre. (Information retrieval thesauri: tools for interrogation in a free vocabulary) Orig.fr. Argus Vol 13, No.2, p.51-58, 54 refs.

3 CLASSING AND INDEXING (METHODOLOGY)

31 Theory of Classing and Indexing

See also 85-097, -443

85-163 311; 19
Rodriguez, R.D.: Kaiser's systematic indexing. Orig. en. Libr.Resources Techn.Serv. vol 28, No 2, 1984. p.163-174

85-164 314
Borel, M.; Bourdin, J.-F.: Remarques linguistiques sur la pratique de l'indexation. (Linguistic remarks on indexing practice) Orig. fr. BRISES. Bull.Rech.Inform.Sci., Econ., Hum., Soc., No 4, 1984. p.43-46

32 Subject Analysis

See also 85-407

85-165 321
Hahn, U.; Hammwöhner, R., Kühlen, R., Reimer, U., Thiel, U.: TOPIC II/TOPOGRAPHIC II. Automatische Textkondensierung und text-orientiertes Informationsmanagement. (Automatic text condensation and text-oriented information management) Orig. de. Konstanz, DE: Universität. FG Politik-/Verwaltungswissenschaft Informationswiss., Proj.Informationsvermittlung 1984. 75p., Bericht TOPIC-12/84 & TOPOGRAPHIC-3/84
The report contains the following chapters: Purpose of the project - Survey on the goals of the project - Detailed description - State-of-the-Art of the methods of full text processing in information systems; an integrative conception of text analysis and text information management in a knowledge based full-text-information system - Short reports on preceding projects.

85-166 321
Konyshev, V.N.: A psycholinguistic study of indexing as an intellectual process. Orig. ru. Vopr.inform.teorii i prakt., No 50, 1983. p.78-85, 7 refs.

85-167 321
Shukla, B.B.: Fundamental theories in abstracting and fundamental laws in library science. Orig.en. Cuttack, IN: Bharati Publ. 1984. 400p., \$ 12.-, Prof.Kaula Series in Library Science No.4
Theoretical basis and practical guidelines on style, contents, and abstracting procedure, including also "nature of abstracting theories". The theories themselves are outlined in the following four chapters: 1) Background of the theories in abstracting, 2) Theory of search value, 3) Theory of methodical variation of contraction, 4) Theory of quantum analysis of abstract. The latter chapter covers the following theories: of objectivity, of recrimination, of generalisation, of methodology, of concentration, of variable unit, of fundamental inheritance and of compact value.

53

Shrejder, Ju.A.: Peculiar features of complex system description.

15 Psychology and Classification

85-109 152
Stich, S.: Book review of Johnson-Laird, P.M.: *Mental models. Towards a cognitive science of language, inference, and consciousness*. Cambridge 1984. 513 p. Orig. en. Times Lit. Suppl., L., No 4221, 1984. p.189

85-110 153; 721
Seiler, Th.B. (Ed.); Wannemacher, W.-B. (Ed.) et al.: *Concept development and the development of word meaning*. Orig. en. Berlin-Heidelberg: Springer Verl. 1983. XII, 348p., Springer Ser. in Language and Communication, Vol. 12

The following are selected articles from the volume:
85-111 Wannemacher, W.; Seiler, Th.B.: Introduction. Historical trends of research in concept development and the development of word meaning. - 85-112 Engelkamp, J.: Word meaning and word recognition. - 85-113 Cromer, R.F.: The acquisition of word knowledge. Gradual learning or sudden reorganization? 85-114 Clark, E.V.: Convention and contrast in acquiring the lexicon. - 85-115 Keil, F.C.: Semantic inferences and the acquisition of word meaning. - 85-116 Szagun, G.: From "outer" to "inner" reality. On the meaning of some moral words. 85-117 Nelson, K.: The conceptual basis for language. - 85-118 Huttenlocher, J.; Smiley, P.; Ratner, H.: What do word meanings reveal about conceptual development? - 85-119 Sinha, Ch.: Background knowledge, presupposition and canonicity. - 85-120 Palermo, O.S.: Looking to the future. Theory and research in language and cognitive development.

16 Development of Science and Classification

85-121 168-55
Ash, M.G.: *Disziplinentwicklung und Wissenschaftstransfer - Deutschsprachige Psychologen in der Emigration*. (Discipline development and the transfer of science - German speaking psychologists in emigration) Orig. de. Ber. Wissenschaftsgeschichte Vol 7, No 4, 1984. p.207-226, 70 refs.

17 Problems in Classification

See also 85-088, -175

85-122 179
Noses, P.B.; Nelson, L.E.: *Indexing and abstracting chemical information: the view of two industrial chemists*. Orig. en. J. Chem. Inform. Comput. Sci. Vol 24, No 3, 1984. p.189-190

18 Classification Research

85-123 185/7
West, M.W.: *Classification as a retrieval tool*. Orig. en. In: Williams, M.E.; Hogan, T.H. (Eds.); National Online Meeting. Proceedings 5th Meeting, New York, April 10-12, 1984. Medford, NJ: Learned Information, Inc. 1984. p.433-436, 3 refs.

19 History of Classification

See also 85-095, -110, -163, -281, -333

85-124 196
Hüllen, W.: *Bischof John Wilkins und die Fachsprachen unserer Zeit*. (Bishop John Wilkins and the special languages of today) Orig. de. Special Language/Fachsprache Vol 6, No 3-4, 1984. p.115-122, 22 refs.

2 STRUCTURE AND CONSTRUCTION OF CS & T

21 General questions of CS & T

85-125 212
Artowicz, E.: *A proposed new typology of information languages*. Orig. pl. Zag. inform. nauk., No 1, 1983. p.162-167

85-126 215
Miller, P.W.: *Structural characteristics of thesauri*. MSc Thesis. Orig. en. London, GB: City University. Centre for Inform. Science 1982. 55p., refs.

85-127 216
Vajda, E.; Ungvary, R.: *Ideas and proposals for the development of retrieval languages in OMIKK*. Orig. hu. Tudományos és Műszaki Tájékoztatás Vol 31, No 9, 1984. p.337-347, 8 refs.

85-128 217
Gray, R.A.: *Classification schemes as cognitive maps*. Orig. en. Reference Librarian Vol 9, Fall 1983. p.145-153, 7 refs.

85-129 218
Sakharnyj, L.V.; Izmajlova, N.S.; Vecherskaja, M.L.: *Use of the M.E. Saltykov-Shchedrin State Public Library subject headings in computerized bibliographic searching*. Orig. ru. Predm. poisk v tradic. i netradic. IPS. Leningrad, SU 1983. p.130-147, 9 refs.

22 Elements of CS & T

85-130 222
Dolby, J.L.: *Data as information*. Orig. en. Inform. Processing & Management Vol 20, No 3, 1984. p.407-415

85-131 222
Smith, L.C.; Warner, A.J.: *A taxonomy of representations in information retrieval system design*. Orig. en. J. Inform. Sci. Vol 8, No 3, 1984. p.113-121, 40 refs.

85-132 224
Vermeir, D.: *Semantic hierarchies and abstractions in conceptual schemata*. Orig. en. Information Systems Vol 8, No 2, 1983. p.117-124, 5 refs.

85-133 226
Tomasik-Beck, J.: *Ambiguity and homonymy in technical terminology*. Orig. pl. Aktual. Probl. Inform. Dok., No 4, 1984. p.31-37

23 Construction of CS & T

See also 85-084

85-134 232
Stancikova, P.: *Present state and future development of information retrieval languages in Czechoslovakia*. Orig. en. Int. Classif. Vol 11, No 3, 1984. p.133-138, 30 refs.

24 Relationships

85-135 243
Johnson, D.; Bryant, B.R.: *Formal syntax methods for natural language*. Orig. en. Inform. Proc. Letters Vol 19, No 3, 1984. p.135-143, 13 refs.

85-136 243
Krömelbein, U.: *Linguistische und fachwissenschaftliche Gesichtspunkte der Schlagwort-Syntax*. (Citation order - linguistics aspects and needs of specific disciplines) Orig. de. Bibliothek. Forsch. u. Praxis Vol 8, No 3, 1984. p.159-202

85-137 243
Levine, M.M.; Levine, L.P.: *Aspects and the overlap function*. Orig. en. Inform. Process. & Management Vol 20, No 5/6, 1984. p.629-636, 1 ref.

85-138 243
Sadowska, J.: *Positional grammar in the subject headings language*. Orig. pl. Zag. Inform. Nauk, No 1, 1983. p.55-68, 8 refs.

85-139 244
Sosinska, B.: *On the so-called phase relations in the information language theory*. Orig. pl. Zag. Inform. Nauk, No 1, 1983. p.111-134

85-140 246
Craven, T.C.: *Thesaurial relations in a concept-network management system for customizing of permuted index displays*. Orig. en. Inform. Process. & Management 20(1984)No 5/6, p.603-10, 19 refs.

85-141 246
Kantor, P.B.: *Minimal constraint implementation of the maximum entropy principle in the design of term-weighting systems*. Orig. en. In: Productivity in the information age: Proc. 46th ASIS Ann. Meeting 1983, Vol. 20. White Plains, NY: Knowledge Industry Publ. 1983. p.28-31, 10 refs.

25 Numerical Taxonomy

See also 85-025

85-142 252
Krzanowski, W.J.: *On the null distribution of distance between two groups, using mixed continuous and categorical variables*. Orig. en. J. Classif. Vol 1, No 2/3, 1984. p.243-253, 11 refs.

85-143 252
Wong, M.A.: *Asymptotic properties of univariate sample K-means clusters*. Orig. en. J. Classif. Vol 1, No 2/3, 1984. p.255-270, 12 refs.

Int. Classif. 12(1985)No.1 Classification Literature

85-199 392
Horky, J.: Analysis of inter-indexer consistency in selecting keywords from texts. Orig. cs.
Cs.Inform. Vol 25, No 10, 1983. p.275-278, 4 refs.

85-200 396
Henry, W.M.: Viewdata-type searching in a free-text (DECO) system; modifications that make searching easier for inexperienced users. Orig.en. Program 18(1984)No 4, p.308-320, 1 ref.

85-201 396
Rudorf, D.: Logische Variationen für Deskriptor- und Freitext-recherchen. (Logical versions for descriptor and free-text searches) Orig.de. Informatik 31(1984)No 5, p.19-21, 1 ref.

85-202 397
Gerrish, S.H.: Classification versus keywords for patent information retrieval. (MSc Thesis). Orig. en. London, GB: City University. Centre for Information Science 1982. 125p.

4 ON UNIVERSAL SYSTEMS

41 On Universal CS & T in General

See also 85-086

85-203 415
Judge, A.: Functional classification. II. Orig. en. Int.Classif. Vol 11, No 3, 1984. p.139-150, 33 refs.
Continuation of article published in Int.Classif.11(1984)No.2, p.69-76. Review of the problems and possibilities of classing the 20 000 international bodies and treaties described in the Yearbook of International Organisations as well as their pre-occupations in the form of World Problems, disciplines and occupations described in the Yearbook of World Problems and Human Potential (9000 entries).

85-204 417
Laer, C.J.P.van: UDC applied within the Library of Congress Classification; the compatibility of two universal classification systems. Orig.nl. Open Vol 14, April 1982. p.147-54

42 On the Universal Decimal Classification

See also 85-204

85-205 42.213; 42.218
Konstantinova, L.I.: Trends in the automated use of the UDC around the world. Orig.ru. In: Inf.sistemy i avtomatizir.sistemy NTI. Moskva, SU 1983. p.50-56

43 On the Dewey Decimal Classification

See also 85-190, -419

85-206 43.218
Coffey, A.B.: Impact of computers on cataloging curriculum materials using the Dewey Decimal Classification. Orig. en. School Libr.Media Q. Vol 12, Summer 1984. p.323-5

85-207 43.88-284
Lindsay, J.: Nuclear Dewey. Orig. en. Librarians for Social Change Vol 10, No 3, 1982/83. p.12

85-208 43.981
Humphry, J.A.; Kramer-Greene, J.: The DDC and its users. Current policies. Orig. en. Reference Librarian, No 9, 1983. p.155-163, 5 refs.

44 On the Library of Congress Classification

AND THE LIBRARY OF CONGRESS SUBJECT HEADINGS

See also 85-204

85-209 448.01
Berman, S.: Do-it-yourself subject cataloging. Sources and tools. Orig.en. Library Journal 107(1982)No 8, p.785-786

45 On the Bliss Classification (BBC)

See also 85-418

85-210 45.27
Mills, J.: Report on the Bliss Classification revision. Orig.en. Int.Classif. Vol 11, No 3, 1984. p.161

47 ON THE LBC/BBK
See also 85-191

85-211 47.31
Saraeva, G.A.: Toward a typology of document search profiles consisting of several subject headings in the conventional indexing languages, with special reference to the LBC and the

Int.Classif. 12(1985)No.1 Classification Literature

State Public Library Subject Headings. Orig. ru. In: Predm. poisk v tradic.i netradiz.IPS. Leningrad, SU 1983. p.112-129, 6 refs.

48 On Other Universal Systems

85-212 482
Madeley, H.: The Broad System of Ordering. Orig.en. Australian Academic & Research Libraries 14(1983)No 4, p.235-46, 27 refs.

85-213 482
Dienes, H.: Broad System of Ordering, 8SO. Orig. hu. Könyvtari Figyelő Vol 30, No 3, 1984. p.285-293, 11 refs.

487 ON PATENT CLASSIFICATION SYSTEMS
See 85-086

6 ON SPECIAL SUBJECTS CS & T

Arrangement follows the Information Coding Classification

626 CS AND THESAURI IN CHEMISTRY

See 85-156, -157, -161, -196, -303, -304, -353

63 CS AND THESAURI IN THE EARTH SCIENCES

See 85-060, -158, -159

64 CS AND THESAURI IN THE BIOSCIENCES

See also 85-015 - 85-017, -053, -059, -061, -271

85-215 6483
Tesaurus multilingue em tecnologia de alimentos. (Multilingual thesaurus for food technology) Orig.es. Inform.FID/CLA, No 15, 1984. p.4-5

65 CS AND THESAURI IN THE HUMAN SCIENCES

See also 85-018, -019, -121, -160, -171, -272, -278, -307 - -310, -355, -356

85-216 651/4
Van Camp, A.J.: The MeSH vocabulary file and CHEMLINE: online sources of chemical nomenclature. Orig. en. Med.Reference Serv.Quart. Vol 3, No 1, 1984. p.1-17, 19 refs.

85-217 6537; 655
Epstein, B.A.: The terminology of psychiatry: DSM-III, Medical Subject Headings and the Thesaurus of Psychological Index Terms. Orig.en. Med.Reference Serv.Quart. Vol 3, No.1 p.49-66, 15 refs.

66 CS AND THESAURI IN THE SOCIAL SCIENCES

See also 85-003, -014, -020, -021, -051, -062 - 064, -101 85-102, -172, -311, -312

85-218 6612
Smith, I.A.: Development of indexing systems at the National Youth Bureau. Orig. en. Catalogue & Index (1984)No.73, p.1-4
Report on the developments that led to changes in 1982 from a preceding indexing system to the adoption of a new thesaurus (worked out by Jean Aitchison) and controlled indexing.

85-219 6676
Deleporte Garnier, Ch.: Elaboration d'un thesaurus sur le "collectivités locales" en vue de la création d'une base de données. (Elaboration of a thesaurus on local collectivities for the establishment of a databank) Orig.fr. Paris, FR: I.N.T.D., Conserv.Natl.Arts Métiers 1982. 148p.

67 CS AND THESAURI IN ECONOMICS AND TECHNOLOGY

See also 85-273, -313, -314

85-220 673
Henzler, R.G.: Book review of Thesaurus of Engineering and Scientific Terms (TEST): Deutsche Ausgabe = ein technisch-wissenschaftlicher Thesaurus. Ed. Ges.f.Inform.u.Dok.(GID), Gesamitg.: Jutta Schön. Frankfurt 1982. 776p., Orig. de. Bibliothek. Forsch.u.Praxis Vol 8, No 3, 1984. p.261-2

85-221 678
Renault Darbandi, A.-M.: Evolution pratique des thesaurus dans le domaine des transports. (Practical evolution of thesauri in the field of transportation) Orig. fr. Paris, FR: I.N.T.D., Conserv.Natl.Arts Métiers 1982. 72p.

55

682 CS AND THESAURI IN INFORMATION SCIENCES
See also 85-274, -315, -316, -317, -318, -321, -322

85-222 681
Aloman, I.; Ionescu, A.: Utilization of SPINES Thesaurus as an indexing language in the computerized information and documentation system for science policy. Orig. ro, en. Probl. Inform. si Doc. Vol 17, No 4, 1983. p.218-231

85-223 6822
Levitskaja, N.G.: Typological classification of bulletins. Orig.ru. Informpechat' Izd.Delo, No 11/169, 1983. p.34-42, 3 refs.

6824 CS AND THESAURI IN ARCHIVISTICS
See also 85-004, -319

85-224* 6824
Schneider, H.: Möglichkeiten und Grenzen der Anwendung des Thesaurus Geschichtswissenschaft im staatlichen Archivwesen. Orig. de. Archiv-Mitt. 34(1984)No.4, p.114-118, 30 refs.

6825 CS AND THESAURI IN LIBRARY SCIENCE
See 85-005, -035, -320

683 CS AND THESAURI IN COMPUTER SCIENCE
See also 85-024, -103, -298, -323

85-225 689
Ludwig, O.: Einige Vorschläge zur Begrifflichkeit und Terminologie von Untersuchungen im Bereich der Schriftlichkeit. (Proposals concerning concepts and terms in investigations in the area of scripts) Orig. de. In: Schrift, Schreiben, Schriftlichkeit. Tübingen, DE, 1983. p.1-15

69 CS AND THESAURI IN THE HUMANITIES
See also 85-116, -324

85-226 691
Gruzca, F.: Zum Gegenstand und zur inneren Gliederung der Linguistik und der Glottodidaktik. (On the object and internal division of linguistics and glottodidactics) Orig. de. Kwart.Neofilol. Vol 30, No 3, 1983. p.217-234

85-227 694
Notholt, P.: The art and architecture thesaurus project. Orig. en. In: IFLA General Conference, München, Aug.22,1983. The Hague, NL: IFLA 1983. 11p.

7 CLASSIFICAT. AND LANGUAGE

71 General Problems of Natural Language

See also 85-037, -039, -045, -065, -068, -087

85-228 712
Cohen, K.S.; Wartofsky, M.W.: Language, logic and method. Orig. en. Dordrecht: Reidel 1983. VIII,464p., Boston Studies in the Philosophy of Science, Vol.31
Contains among others the following contributions: 85-229 Moravcsik, J.M.: Natural languages and formal languages. 85-230 Parikh, R.: The problem of vague predicates.

85-231 714
Joseph, R.: An encyclopedia of semiotics. ISISSS'82 in review. Orig. en. Semiotica Vol 45, No 1-2, 1983. p.103-113

85-232 715
Garfield, E.: Artificial intelligence: using computers to think about thinking, Pt.2. Some practical applications of AI. Orig. en. Curr.Contents/Phys., Chem. and Earth Sci. Vol 23, No 52, 1983. p.5-17, 59 refs.

85-233 715
Kobsa, A.: Book review of Morik, K.: Überzeugungssysteme der Künstlichen Intelligenz: Validierung vor dem Hintergrund linguistischer Theorien über implizite Äußerungen. (Convincing system of Artificial Intelligence). Tübingen: Niemeyer 1982. 269+Xp. Orig.de. Conceptus Vol 18, No 44, 1984. p.132-135

85-234 715
Lunin, L.F.; Smith, L.C.: Artificial Intelligence: Concepts, techniques, applications, promise. Orig. en. J.ASIS Vol 35, No 5, 1984. p.277-279, 6 refs.
Introduction into a series of four articles on Artificial Intelligence.

85-235 715
Cercone, N.; McCalla, G.: Artificial Intelligence: Underlying assumptions and basic objectives. Orig. en. J.ASIS Vol 35, No 5, 1984. p.280-290, 62 refs.

85-236 715.01
Smith, L.C.: Artificial Intelligence: a selected bibliography.

Orig. en. J.ASIS Vol 35, No 5, 1984. p.317-319, 21 refs.
The bibliography is arranged according to "type of material", namely: Handbooks, Books, Journals/Newsletter, Conferences/Workshops, Technical Reports.

85-237 716
Winograd, T.: Language as a cognitive process. Vol.1. Syntax. Orig. en. Reading, MA: Addison-Wesley 1983. XV,640p.

72 Semantics

See also 85-096, -110, -112, -117, -118

85-238 722
Lutzeler, P.R.: The relevance of semantic relations between words for the notion of lexical field. Orig. en. Theoretical Linguistics Vol 10, No 2-3, 1983. p.147-178

85-240 724
Orlowska, E.: Representation of vague information. Orig. en. Warszawa, PL: Inst.of Computer Science. Polish Academy of Sciences 1983. 28p.

85-241 725
Skorokhod'ko, E.F.: Semantic networks and automatic text processing. Orig. ru. Kiev, SU: Naukova Dumka 1983. 218p.

85-242 726
Bukhaleva, E.I.; Zajdenman, I.A.: The cyclic symmetry property in compositional similarity measures. Orig. ru. Nauch.-tekh.nform.Ser.2, No 1, 1983. p.22-23, 3 refs.

73 Automatic Language Processing

See also 85-043

85-243 731
Dietze, J.; Mater, E.; Meier, G.F.; Neubert, G.; Witzmann, A.: Linguistische Datenverarbeitung. Grundlagen für ihre Anwendung. (Linguistic data processing. Foundations for its application) Orig. de. Z.Phonetik, Sprachwiss.u.Kommunik.-Forsch. Vol 36, No 6, 1983. p.631-646

85-244 733
Grishman, R.: Natural language processing. Orig. en. J.ASIS Vol 35, No 5, 1984. p.291-296, 21 refs.

85-245 734
Popeskul, A.N.: Software support for solving problems in automatic processing of textual information. Orig. ru. In: Z Mezh-dunar.seminar po mash.perevodu. Moskva, SU 1983. p.181-183

74 Grammar Problems

See also 85-042

85-246 741
Jacobson, P. (Ed.); Pullum, G.K. (Ed.): The nature of syntactic representation. Orig.en. Dordrecht, NL: Reidel 1982. XIX,479p.

85-247 741
Lo, C.J.: Unifying multiple semantic intentions for a syntactic construct. Orig.en. Computer J. Vol 27, No 1, 1984. 83-84

85-248 742
Czepeluch, H. (Ed.); Janssen, H. (Ed.): Syntaktische Struktur und Kasusrelation. (Syntactic structure and case relationships) Orig. de. Tübingen, DE: Narr 1984

85-249 742
Greule, A. von (Ed.): Valenztheorie und historische Sprachwissenschaft. Beiträge zur sprachgeschichtlichen Beschreibung des Deutschen. (Valence theory and historical linguistics. Contributions to a language-historical description of the German language) Orig. de. Tübingen, DE: Niemeyer 1982. IX,291p.

85-249a 742
Eroms, H.-W.: Book review of Greule, A.: Valenztheorie und historische Sprachwissenschaft. Tübingen 1982. Orig.de. Beitr.z. Geschichte der dt.Sprache u.Literatur 105(1983)No 3, p.418-21

85-250 742
Diedrichs, E.: Book review of Helbig, G.: Valenz-Satzglieder, semantische Kasus-, Satzmodelle. (Valence members of sentences, semantical cases, sentence models). Leipzig 1982. 106 p. Orig. de. Beitr.z.Namenforsch. Vol 18, No 1, 1984. p.118-119

85-251 742
Aissen, J.: Valence and coreference. Orig. en. In: Syntax and Semantics, Vol.15. Studies in Transitivity. New York, NY etc. 1982. p.7-35

85-252 743
Majewicz, A.F.; Pogonowski, J.: On categorial marking in natural languages. Orig.en. Ling.Posnaniensis V.26, 1984. p.55-68

85-254 743
Sukhanova, M.S.: "Purging" a syntactic structure. Orig. ru.
In: Z Mezhdunar. seminar po mash.perevodu. Moskva, SU 1983.
p.209-210

75 Question-Answering Systems, Online Techniques

See also 85-409, -421, -433, -447, -448, -449

85-255 752
Hochwald, K.H.; Vogel, R.: CICADE-Handbuch. Ein computergestütztes und benutzerorientiertes Dialogsystem für Text- und Dokumentenverwaltung. (CICADE-Manual) Orig. de. Münster, DE: Comenius-Institut 1983. 201p.

85-256 753
Borgman, C.L.; Moghdam, D., Corbett, P.K.: Effective online searching. A basic text. Orig. en. New York, NY: Dekker 1984. 212p. Books in Library & Inform.Sci.45, ISBN 0-8247-7142-7

85-257 753
Hill, J.S.: Online classification number access: some practical considerations. Orig.en. J.Academic Librarianship Vol 10, No 1, 1984. p.17-22

85-258 753
Kesselman, M.; Perry, I.: What online searchers should know about indexing and what indexers should know about online searching. Orig. en. In: National Online Meeting, Proceedings, New York, April 10-13, 1983. Medford, NJ: Learned Information, Inc. 1983. p.141-148, 4 refs.

757 EXPERT SYSTEMS

See also 85-026 - 85-034, -171, -410

85-259 757
Appelrath, H.-J.: Die Erweiterung von DB- und IR-Systemen zu Wissensbasierten Systemen. (The extension of data base systems and information retrieval systems to knowledge based systems) Orig. de. Nachr.Dok. Vol 36, No 1, 1985. p.13-21

85-260 757
Primio, F.de; Brewka, G.: BABYLON: Kernsystem einer integrierten Umgebung für Entwicklung und Betrieb von Expertensystemen. (BABYLON: Core system of an integrated environment for development and operation of expert systems) Orig.de. Nachr.Dok. Vol 36, No 1, 1985. p.33-37

85-261 757
Ercegovic, Z.: Knowledge-based expert systems. A profile and implications. Orig. en. In: National Online Meeting, Proceedings, New York, April 10-12, 1984. Medford, NJ: Learned Information, Inc. 1984. p.39-45, 17 refs.

85-262 757
Hahn, U.: Expertensysteme als intelligente Informationssysteme. Konzepte für die funktionale Erweiterung des Information Retrieval. (Expert systems as intelligent information systems. Perspectives for the functional extension of information retrieval) Orig. de. Nachr.Dok. 36(1985)No.1, p.2-12

85-263 757
Langley, P.; Carbonell, J.G.: Approaches to Machine Learning. Orig. en. J.ASIS Vol 35, No 5, 1984. p.306-316, 36 refs.

85-264 757
Memdani, E.H.; Efstathiou, J.: An analysis of formal logics as inference mechanisms in expert systems. Orig. en. Int.J.Man-Machine Studies Vol 21, No 3, 1984. p.213-227, 29 refs.

85-265 757
Michie, D.: Automating the synthesis of expert knowledge. Orig.en. Aslib Proc. Vol 36, No 9, 1984. p.337-343, 19 refs.

85-266 757
Nowak, E.J.; Szablowski, B.F.: Expert systems in scientific information exchange. Orig. en. J.Inform.Sci. Vol 8, No 3, 1984. p.103-111, 20 refs.

85-267 757
Obermeier, K.K.: Expert systems - enhancement of productivity Orig.en. In: Productivity in the information age: Proceedings of 46th ASIS Annual Meeting 1983. Vol.20. Washington, DC, Oct. 2-6, 1983. White Plains, NY: Knowledge Industry Publ. 1983. p.9-13, 23 refs.

85-268 757
Yaghmai, N.Sh.; Maxin, J.A.: Expert Systems: A tutorial. Orig. en. J.ASIS Vol 35, No 5, 1984. p.297-305, 33 refs.

85-269 757
Zadeh, L.A.: The role of fuzzy logic in the management of un-

certainty in expert systems. Orig. en.
Fuzzy Sets and Systems, No 11, 1983. p.199-227

85-270 757
Savory, S.E.: The Prototype NIXDORF Expert System. Orig. en. Angew.Informatik Vol 25, No 11, 1983. p.478-482

85-271 757-812
Munakata, T.; Kornreich, B.: An experimental expert system for genetics. Orig. en. Int.J.Man-Machine Studies Vol 21, No 3, 1984. p.259-268, 13 refs.

85-272 757-842
Puppe, F.; Puppe, B., Beetz, M.: MEDI - Ein Werkzeug für Diagnostik-Expertensysteme. (MEI1 - a tool for diagnostic expert systems) Orig. de.Nachr.Dok. Vol 36, No 1, 1985. p.28-32

85-273 757-833
Iudica, N.R.: GUMMEX - ein Expertensystem zur Generierung von Arbeitsplänen für die Fertigung. (GUMMEX - an expert system for the generation of process-plans) Orig. de. Nachr.Dok. Vol 36, No 1, 1985. p.22-27

85-274 757-823
Davies, R.; James, B.: Towards an expert system for cataloguing: some experiments based on AACR2. Orig. en. Program Vol 18, No 4, 1984. p.283-297, 18 refs.

76 Lexicon/Dictionary Problems

85-275 765
Keitz, W.von: Projekte zur maschinellen Lexikographie. Eine Erhebung im Auftrag der European Science Foundation. (Projects for computerized lexicography) Orig. de. Sprache u.Datenverarb. Vol 6, No 1/2, 1982. p.11-27

85-276 765
Zimmermann, H.H.: Nutzbarmachung und Nutzung maschineller Wörterbücher in der Fachinformation und im Büro. (Making effective use of and utilization of machine dictionaries in specialized information and in the office) Orig. de. Sprache u.Datenverarb. Vol 6, No 1/2, 1982. p.5-10

85-277 767
Noel, J.: Lexicologie et ordinateurs. (Lexicology and computers) Orig.fr. Cahiers de la Doc. 38(1984)No 3, p.65-80, 27 refs.

85-278 768-51/4
Wolff, S.: The use of morphosemantic regularities in the medical vocabulary for automatic lexical coding. Orig. en. Meth.Inform.Med. Vol 23, No 4, 1984. p.195-203, 20 refs.

77 General Problems of Terminology

See also 85-002, -038, -069, -444, -445

85-279 77.01
Krommer-Benz, M. (Comp.): International Bibliography of Computer-Assisted Terminology. Orig. en. Paris, FR: Unesco 1984. 111,36p., PGI-84/WS/12

85-280 77.07
Felber, H.: Terminology Manual. Orig. en. Paris, FR: UNESCO. General Inform.Programme 1984. XXI,426p., PGI-84/WS/21
First textbook in English comprising all fields of terminology. The teaching is based on the theory of terminology as developed by E.Wüster.

85-281 77.19
Poppe, E.: Fachsprache und Grammatikographie im 18.Jahrhundert. Ein Beitrag zur Geschichte der Terminologielehre. (Special language and grammar science in the 18th century. A contribution to the history of terminology science) Orig. de. Historiographia linguistica Vol 10, No 3, 1983. p.209-239

85-282 771
Nedobity, W.: Die Bedeutung der systematischen Terminologiearbeit für den Aufbau von Wissensbanken und anderen Expertensystemen. (The significance of systematic terminology work for the construction of knowledge banks and other kinds of expert systems) Orig. de. Paper presented at 6th Arbeitstagung des Münsteraner Arbeitskreises für Semiotik "Systematik, Klassifikation - Terminologie", Münster, 25-26 Sept.1984. 15 p.
It is shown that terminological data can be made the concern of expert systems and how one would go about to construct such a knowledge bank, including a dialog system for the integration of terminological knowledge into an expert system.

85-283 772
Arntz, K.: Methodische Überlegungen zu einer internationalen Harmonisierung von Terminologien. (Methodic considerations of an international harmonization of terminologies) Orig. de. Terminologie Bull. Vol 46, 1984. p.45-51

- 85-284 772
Boulangier, J.-C.: Quelques observations sur l'innovation lexicale spontanée et sur l'innovation lexicale planifiée. (Some observations on spontaneous lexical innovation and on planned lexical innovation) Orig. fr. La Banque des Mots, No 27, 1984. p.3-29, 18 refs.
- 85-285 772
Franzen, W.: Kritisches zu Kripkes Theorie der Eigennamen. (Critical comments on Kripke's theory of proper names) Orig. de. Conceptus Vol 18, No 44, 1984. p.3-19
- 85-286 772
Gile, D.: Les noms propres en interpretation simultanee. (The proper names in simultaneous translation) Orig. fr. Multilingua Vol 3, No 2, 1984. p.79-85, 25 refs.
- 85-287 772
Katlinskaja, L.P.: Some observations over the process of word formation in modern Russian terminology. Orig. ru. Isv.AN SSSR. Ser.Lit.i Jaz. Vol 42, No 6, 1983. p.540-548, 10 refs.
- 85-288 772
Leclercq, H.: Essays de determiner le terme "terme". (Let us try to determine the term "term") Orig.fr. Terminologie Bull., No 46, 1984. p.101-108
The term 'term' is regarded as an international term, an ordinary language term, and an esoteric term. Some definitions concerning the esoteric character of the term are considered.
- 85-289 772
Liang, Y.: Zur fachsprachlichen Leistung der substantivierten Infinitive (SI). (On the special-language efficiency of the infinitives in noun-form) Orig. de. Special Language/Fachsprache Vol 6, No 3/4, 1984. p.129-136, 9 refs.
- 85-290 772
Starke, H.: Der Terminus als lexikalisch-semantische Einheit des Spezialwortschatzes. (The term als lexical-semantic unit of the vocabulary) Orig. de. Acta Univ.Lodziensis. Folia Ling., No 5, 1983. p.103-110
See also 85-066
- 85-291 773
Höppner, W.: Terminologiarbeit in der Sprachmittlung der Deutschen Demokratischen Republik. (Terminography in language mediation of the German Democratic Republic) Orig.de. Babel Vol 30, No 4, 1984. p.240-244, 3 refs.
- 85-292 775
Lejchik, V.N., Shelov, S.D.: Terminological vocabulary classification and terminological activity in the USSR. Orig.ru. In: Z Mezhdunar.seminar po mash.perevodu. Moskva, SU 1983. p.113-5
- 776 TERMINOLOGICAL DATABANKS
See also 85-056, -057, -097
- 85-293 776
Besse, B.de: Les banques de données terminologiques dans le monde. (The terminology banks in the world) Orig.fr. BRISES: Bull.Rech.Inform.Sci.Econ.,Hum.et Soc., No 4, 1984. p.47-49, 8 refs.
- 85-294 776
Felber, H.: Computerised terminology in TERMNET: the role of terminological data banks. Orig. en. Terminologie Bull., No 46, 1984. p.53-66, 42 refs.
- 85-296 776
Reed, D.G.: Quick-law and Ottawa's terminological data bank: How they can be used by legal translators and terminologists. Abstract. Orig.en. In: Z.Mezhdunar.seminar po mash.perevodu. Moskva, SU 1983. p.187-188
- 85-297 776
Romanovskij, A.A.; Shtern, I.B.: Linguistic and technological aspects of interfacing knowledge bases with a multilingual terminological bank in systems for processing multilingual files of sci-tech abstracts. Orig. ru. In: Z Mezhdunar.seminar po mash.perevodu. Moskva, SU 1983. p.190-192
- 85-298 776-834
Vel'bickij, I.V.; Zykij, G.P., Kornejchuk, A.A.: On the formation of a term bank on programming. Orig. ru. In: Z Mezhdunar.seminar po mash.perevodu. Moskva, SU 1983. p.58-59
- 85-299 777
Kummer, W.: Probleme des Sprachausbaus in Entwicklungsländern. Terminologieprägung in Swahili. (Problems of language development in developing countries; terminology work in Swahili) Orig.de. In: Sprache im politischen Kontext. Tübingen, DE 1983. p.77-118
- 85-300 778
Fluck, H.R.: Book review of Zeitschrift für Literaturwissen-
- schaft und Linguistik 13(1983)No.51/52: Fachsprache und Fachliteratur. Hrsg.v. Schlieben-Lange, B. und Kreuzer, H. Göttingen DE: Vandenhoeck & Ruprecht, 320 p. Orig.de. Special Language/Fachsprache Vol 6, No 3-4, 1984. p.152-154
- 85-301 778
Gläser, R.: Book review of Kelz, H.P.: Fachsprache 1. Sprachanalyse und Vermittlungsmethoden. (Special Language 1: Language-analysis and mediation methods) Bonn, DE: Dümmler Verl. 1983. 265p. Orig.de. Special Language/Fachsprache 6(1984)No. 3-4, p.150-151
- 85-302 778
Köhler, C.: Beruhet die Nominalität von Fachtextsätzen auf der Leistung von Funktionsverben? (Do the noun phrases in special language texts rest on the use of function verbs?) Orig. de. Special Language/Fachsprache Vol 6, No 3-4, 1984. p.123-128

78 Subject-Oriented Terminology Work

Arrangement follows the Information Coding Classification

- 85-303 78-26
Loening, K.L.: ACS Committee on Nomenclature: Annual Report for 1983. Orig. en. J.Chem.Inform.Comput.Sci. Vol 24, No 2, 1984. p.92-94, 40 refs.
- 85-304 78-265
Gordon, J.E.: Chemical inference. 2. Formalization of the language of organic chemistry: Generic systematic nomenclature. J.Chem.Inform.Comput.Sci. 24(1984)No 2, p.81-92, 12 refs.
- 85-305 78-3857
Petchenko, T.V.: Structural types of glass production terms. Orig. ru. In: Leksika i slovoobraz.rus.Jas. Rjazan', SU 1982. p.76-84, 10 refs.
- 85-307 78-51/4
Kuzmicheva, G.V.: On the problem of ellipsis (based on the material of medical terminology). Orig. ru. In: Termin i slovo. Gor'kiĭ, SU 1982. p.60-65, 8 refs.
- 85-308 78-53
Nestmann, R.: Book review of: Wiese, I.: Fachsprache der Medizin: eine linguistische Analyse. Leipzig, DD: VEB Verl.Enzyklo-pädie 1984. 144p. Orig.en. Special Language/Fachsprache Vol 6, No 3-4, 1984. p.158-159
- 85-309 78-53
Wagner, G.: Book review of: SNOMED - Systematisierte Nomenklatur der Medizin. (Systematized nomenclature of medicine) Vol.1: Numerical Index Berlin, DE: Springer Verl.1984. XVIII,754p. Orig. en. Meth.Inform.Med. 23(1984)No.3, p.172
- 85-310 78-53
Ounham, G.S., Henson, D.E., Pacak, M.G.: Three solutions to problems of categorized medical nomenclatures. Orig.en. Meth.Inform.Med. 23(1984)No.2, p.87-95, 27 refs.
- 85-311 78-66
Fogarasi, M.: Nuova terminologia giuridica nell'illuminismo italiano. Aspetti storico-linguistici. (New legal terminology. Historico-linguistic aspects) Orig.it. Acta Univ.szegediensis de Attila József Nominatae. Acta Romanica 7(1982) p.119-151
- 85-312 78-66
Gémar, J.-C. et al.: Language du droit et traduction. Essai de jurilinguistique. (The language of the law and translation. Essay of legal linguistics) Orig. fr, en. Québec, CA: Linguat-tech: Conseil de la Language Francaise 1982. XVIII,320p.
- 85-313 78-715
Cavoleau, P.-L.: La terminologie industrielle soviétique. La méthode de la double approche. (The Soviet industrial terminology. The method of the double approach) Orig. fr. 3e Colloque de linguistique russe. Paris, FR 1983. p.255-262
- 85-314 78-73
Neubert, G.: Bildungselemente deutscher Fachwörter der Technik und ihre Verwendung in einem Analysealgorithmus. (The word-formational elements of German technical terms and their use in analysis algorithms) Orig. de. In: Z mezhdunar.seminar po mash.perevodu. Moskva, SU 1983. p.164-168
- 85-315 78-82
Fokin, S.Ja.: Problems of terminology in the field of informatics and textology. Orig. ru. Nauchno-tekhn.Inform.Ser.2, No 12, 1983. p.30-31
- 85-316 78-82
Rjasko, F.: Toward the problem of the terms "library science", "theory of librarianship" and "librarianship in Slovakia". Orig.sk. Knizna ved.inform. 15(1983)No 5, p.196-199, 20 refs.

85-317 78-821
Peritz, B.C.: On the careers of terminologies; the case of bibliometrics. Orig. en. *Libri* 34(1984)No 3, p.233-242, 40 refs. A number of terms around the concept field of Bibliometrics are traced as to their first occurrence and their frequency in some of the leading literature reviewing, abstracting, and indexing journals. The author concludes that the efficiency of thesauri, subject indexes, etc. may be improved by "a better understanding of the 'whens' and 'whys' of terminology.

85-318 78-822
Gradova, Z.: Problems of bibliographic terminology. Orig. ru. *Sov.Bibliogr.*, No 3, 1983. p.15-20, 15 refs.

85-319 78-824
Khanpira, E.I.: On the problem of accuracy of some archival terms. Orig. ru. *Sov.arkhiv*, No 3, 1983. p.29-32, 7 refs.

85-320 78-825
Palkova, H.: Terminological problems of a library network. Orig.sk. *Knizn.a ved.inform.* Vol 15, No 1, 1983. p.33-36

85-321 78-826
Ota, Y.: Documentation and terminology. Orig. ja. *Semmon tosyokan*, No 90, 1982. p.37-41

85-322 78-827
Kubatova, V.; Nalevkova, M., Podzimek, J., Vlasak, R.: On the terminology of factographic information systems. Orig. cs. *Cs.inform.* Vol 26, No 2, 1984. p.38-43

85-323 78-834
Hesse, W.; Luft, A.L., Keutgen, H., Rombach, H.D.: Ein Begriffssystem für die Softwaretechnik. Vorschlag zur Terminologie. (A concept system for software-technology. Proposal for its terminology) Orig. de. *Informatik-Spektrum* Vol 7, No 4, 1984. p.200-213, 39 refs.
Terminology problems and principles for the formation of term systems are discussed and proposals for structuring the software engineering field and unifying its terminology are presented. The proposals refer to the scopes of software development and application as well as to the corresponding support. 69 definitions are given and an index to their terms.

85-324 78-975
Bulow, E.: Der Wortschatz des Ethischen und die Grundwerte-Diskussion. (The vocabulary of the ethical and the discussion of basic values) Orig.de. Tübingen, OE: G.Narr Verl. 1984. 407p., 76 sources, 721 refs., OM 76.-, ISBN 3-87808-231-2
Investigation into "the vocabulary of the ethical and the discussion of basic values". It comprises the basic concepts of scientific and philosophical ethics as well as the guiding concepts of the democratic order of the "Grundgesetz" (Charta of the Federal Republic of Germany). The book contains a historical section, dealing with the relevant concepts in the work of Kant, Hegel, Scheler, and Nicolai Hartmann. The second part deals with the description of linguistic structures of the vocabulary of ethics. Some 870 basic concepts form the nucleus of the ethical vocabulary. They are listed as well as the sources in which they occur.

79 Problems of Multilingual Systems

See also 85-055

85-325 791
Beljaeva, L.N.; Matorina, L.V., Prekup, A.V.: A thesaurus-based approach to the translation of terminological nominal word combinations. Orig.ru. In: *Z Mezhdunar.seminar.po mash.perevodu.* Moskva, SU 1983. p.40-41

85-327 792
Dudko, V.D.: Ways selecting foreign equivalents to Russian standardized terms. Orig.ru. *Nauch.-tekhn.Terminol.*, No 9, 1983. p.4-8

85-328 793
Harbusch, K.; Rothkegel, A.: PROLID. Ein Programm zur Rollenidentifikation. (PROLID - a program for role identification) Orig.de. Saarbrücken, DE: Universität des Saarlandes. Sonderforsch.Bereich 100, Elektron.Sprachforsch. 1984. 74p., Linguistische Arbeiten, H.8
PROLID is a procedure for assigning interpretative predicate classes in a running text to predicates and nominal units. The procedure is used in a system for automatic translation. It consists of a package of integrated programs and dictionaries. Data structures and -procedures are in accordance with the programming language COMSKEE (Computing and Stringkeeping Language). Description of approaches and procedures.

85-329 793
Wilss, W.: Syntaktische Probleme der Maschinenübersetzung. (Syntactical problems in machine translation) Orig. de. *Multilingua*, No 2/3, 1983. p.139-148, 23 refs.

85-330 795
Pashchenko, N.A.; Kalachkina, S.Y., Matsak, N.M., Pigur, V.A.: Basic design principles for multilingual data retrieval thesauri experience of the development and application of GOST 7.24-80. Orig.ru. *Nauch.-tekhn.inform.Ser.2*, No 5, 1982. p.17-19, 4 refs.

85-331 795
Haruyama, A.; Kimura, Sh., Masuda, K., Eriguchi, K.: A common vocabulary approach to cooperation between the International Referral System for Sources of Environmental Information (INFOTERRA) and the JICST Online Information System (JOIS). Orig.ja. *Dokumentasyon kenkyu* 3(1983)No 7, p.319-327, 8 refs.

8 APPLIED CLASSING AND INDEXING (C & I)

81 General Problems of Applied C & I

85-332 811
Thomas, D.: Indexers and indexing: new bridges to cross. Orig. en. *Indexer* Vol 14, No 2, 1984. p.81-83
Discussion of the two problems: 1) when is an indexer an indexer, an author, or a data base constructor and how should the identification be made? 2) When is an index an index and when is it a data base, and is there a difference?

85-333 812
Subject searching in conventional and non-conventional IR systems. Orig.ru. Leningrad, SU: GPB Im.M.E.Saitykovy-Shechedrina 1983. 148p.
Collection of papers addressing the problem of improvement of the subject catalogue. 85-334 Manevich, S.M.: Raising the effectiveness of subject catalogues - a topical issue in subject analysis. - 85-335 Suvorova, V.P.: Some problems concerning the functioning of subject catalogues in the Russian Federation's regional libraries. - 85-336 Seminova, L.I.; Konkova, N.A., Molodcova, T.A.: The subject catalogue in the system of catalogues of the State Public Historical Library: results of editing. - 85-337 Suvorova, V.P.; Tarasova, G.I.: Optimising the subject catalogue, with reference to the experience gained in maintaining the catalogue at the V.V.Mayakovsky Central City Library. - See also 85-129 and 85-211.

85-338 812
Miksa, F.: The subject in the dictionary catalog from Cutter to the present. Orig.en. Chicago, IL: American Library Assoc. 1983. 482p., refs., ISBN 0-8389-0367-3

85-339 812
Wilson, P.: Book review of Miksa, F.: The subject in the dictionary catalog from Cutter to the present. Chicago 1983. Orig. en. *Libr.Quarterly* Vol 54, No 1, 1984. p.109-110

85-340 812
Stevens, N.D.: The flaw of subject access in the library catalogue. An opinion. Orig.en. *Reference Librarian*, No 9, 1983. p.109-112, 5 refs.

85-341 812
Crvchanin, M.: The subject catalogue in the system of library catalogues. Orig. sh. *Bibliotekar (SFRJU)* Vol 34, No 1-3, 1983. p.43-55

85-342 812.98
Cochrane, P.A.; Markey, K.: Catalog use studies - since the introduction of online interactive catalogs: impact on design for subject access. Orig. en. *Libr.and Inform.Sci.Res.* Vol 5, Winter 1983. p.337-63

85-343 813
Markey, K.L.: The process of subject searching in the library catalog. Orig. en. Dublin, OH: OCLC 1983, ED 231 390

85-344 813
Prowse, S.: Software for producing library key word catalogues. A description of selected packages. Orig. en. Oxford, GB: Elsevier Int.Bulletins 1983. 56p., 31 refs., EIB Report Ser.1, ISBN 0-946395-01-2

85-345 813.98
Miksa, F.: User categories and user convenience in subject cataloging. Orig.en. *Reference Librarian*, No 9, 1983. p.113-132, 21 refs.

85-346 814
Hermann, A.: Verband kirchlich-wissenschaftlicher Bibliotheken: jetzt auch RSWK. Fortbildungstagung 1.-4.3.1983, in Hofgeismar. (Association of Religious Academic Libraries and the German Rules on Subject Cataloguing: an advanced training conference in Hofgeismar, Mar.1-4, 1983) Orig. de. *Z.Bibl.wes.u.Bibliogr.* Vol 30, No 4, 1983. p.333-334

85-347 815
Rowlett, K.J.: An interpretation of chemical abstracts service indexing policies. Orig. en. J.Chem.Inform.Comput.Sci. Vol 24, No 3, 1984. p.152-154, 1 ref.

85-349 815
Deutsches Informationszentrum für technische Regeln (DITR): Anleitung zur formalen Erfassung und inhaltlichen Erschließung von technischen Regeln - Indexierungsanleitung. (Guidelines for the formal input and subject analysis of technical rules - indexing guide) Orig. de. Berlin, DE: DITR 1983. 105p., Loose-leaf collection

82 Data C & I

85-351 820
Geistova, D.: Towards the problem of factographic information and its typology. Orig. cs. Techn.knih. Vol 27, No 4, 1983. p.109-111

85-352 820
Widerkehr, R.R.V.: Methodology for representing data element tracings and transformations in a numeric data system. Orig.en. Drexel Libr.Quart. Vol 18, No 3-4, 1982. p.161-176, 9 refs.

85-353 82-265
Pollock, J.J.: Quantification, retrieval, and automatic identification of numeric data in organic chemistry journals. Orig.en. J.Chem.Inform.Comput.Sci. 24(1984)No 3, p.139-147, 2 refs.

85-354 82-416
Radic, M.: On molecular identification numbers. Orig. en. J.Chem.Inform.Comput.Sci. 24(1984)No 3, p.164-175, 45 refs.

85-355 82-522
Forbes, M.B.: Classification and coding considerations for drug data base design. Orig. en. J.Clinical Computing Vol 12, No 3, 1983. p.88-100

85-356 82-53
Sinn, H.P.; Altendorf, A.; Estelmann, A.: MIRACLE: a time-oriented data validation and analysis system for clinical research. Orig.en. Meth.Inform.Med. 23(1984)No 3, p.139-142, 31 refs.

83 Title C & I

85-357 832
Peritz, B.C.: On the informativeness of titles. Orig. en. Int.Classif. Vol 11, No 2, 1984. p.87-89, 11 refs.

84 C & I OF PRIMARY LITERATURE (Except Book Indexing, 85)

85-358 841
Krutikhovskij, G.: Classifying research papers. Orig. ru. Nauch.-tekhn.inform.Ser.I, No 5, 1983. p.20-22, 10 refs.

85-359 842
Dunaevskij, V.L.: Kinds of bibliographic references in patent literature. Orig. ru. Vopr.izobretatel'stva, No 1, 1984. p.47-50, 7 refs.

85-360 842
Kljuchko, N.V.: Some problems of classifying patent documents in doing patent research. Orig. ru. Vopr.izobretatel'stva, No 12, 1983. p.36-38

85-361 842
Schramm, R.: Grundlagen für das Indexieren, Referieren und Übersetzen sowjetischer Erfindungsbeschreibungen. (Foundations for indexing, abstracting and translating Soviet patent descriptions) Orig. de. Informatik Vol 31, No 1, 1984. p.12-15
Discussion of the significance of Soviet patent descriptions, possibilities of their rational utilization, their segmentation and some typical structure of selected texts and their semantic contents.

85-362 844
Armstrong, T.F.; Fennell, J.C.: Historical and genealogical gold mine. An index project for a small-town newspaper. Orig. en. RQ. Reference Quarterly Vol 22, No 2, 1982. p.140-145, 7 refs.

85-363 844
Gilzinger, D.: Creation of an in-house newspaper index. Orig. en. Community & Junior College Libraries 2(1984)No 3, p.9-13

85-364 844
Knee, M.: An evaluation of the UNIVAC 1100/82 text editor as an alternative word processor for generating a newspaper index. Orig.en. Inform.Serv.& Use 4(1984)No 1/2, p.31-36, 1 ref.

85-365 844
Turygina, L.A.; Chajkovskaja, I.I.: Automatic processing of foreign language newspaper texts. Orig.ru. In: 2.Mezhdunar.seminar po mash.perevodu. Moskva, SU 1983. p.226-227

85-366 847
Bourdelet, S.: Classement et archivage au Crédit Coopératif. (Classification and recording at Crédit Coopératif) Orig. fr. Bull. du CIMAB, No 3, 1984. p.15-20

85-367 847
Papendieck, H.; Spuler, M.: Erfahrungen und Probleme bei der Erschließung von Beständen der Vereinigungen volkseigener Betriebe im Staatsarchiv Magdeburg. (Experiences and problems in subject analysis of the unions of peoples' companies in the National Archives of Magdeburg) Orig. de. Archiv-Mitt. Vol 34, No 4, 1984. p.128-131, 13 refs.

85-368 847
Piskova, M.: Soviet archivists on classification of scientific and technical documents. Orig. bg. Arkh.pregl., No 1, 1983. p.27-39, 27 refs.

85-369 847
Vishnjakova, S.M.: Peculiarities of indexing archival documents. Orig.ru. Nauch.-tekhn.inform.Ser.1(1983)No 7, p.27-9, 3 refs.

85 Book Indexing

85-370 851
Authors' attitudes to indexes. A symposium. Orig. en. Indexer Vol 14, No 2, 1984. p.85-87
Invitation from the part of the journal to authors to describe the experiences which they made in establishing indexes to their books.

85-371 851
Seal, A.: Indexes from a users' viewpoint. Orig. en. Indexer Vol 14, No 2, 1984. p.111-113
From the 40 000 titles published each year in the United Kingdom and listed in the National Bibliography only 31% had an index. The breakdown by subject revealed that the pure sciences and the applied sciences were leading followed by the social sciences. Languages had the smallest number. The article contains discussions about quality, value, publishers, authors and indexers of indexes.

85-372 851
Uchitelle, D.: The index and the indexer in 'how to write a book' books. Orig.en. Indexer 14(1984)No 2, p.103-4, 8 refs.
The brief examination of some 8 books read by authors during the pre-publication stage of their careers shows, in their conflicting and confused advice regarding indexes and indexing one probable source for many authors' apparent lack of concern to provide proper indexes for their books.

85-374 851
Intner, Sh.S.: Censorship in indexing. Orig. en. Indexer Vol 14, No 2, 1984. p.105-108

85-375 857
Bell, H.; Suggate, K.: Computer-assisted indexes: two results assessed. Orig.en. Indexer Vol 14, No 2, 1984. p.95-98
Application of professional scrutiny in assessing 1) the index to Mea Allan's: William Robinson 1838-1935: father of the English flower garden (Faber 1982) using the computerized system of Alpha Data Services and 2) the index to Paul Chaplin: Choosing and Using Professional Advisers (Enterprise Books, 1983). It was found that computers could not replace the faculty for judgement and even on the mechanical aspects of accuracy, alphabetization, consistency, cross-references, organization of headings, synonyms, the use of the computer systems has not produced work of a standard acceptable to the indexing profession.

85-376 857
Dillon, M.; McDonald, L.K.: Fully automatic book indexing. Orig. en. J.Chem.Educ. Vol 39, No 3, 1983. p.135-154, 11 refs. (Also in: J.Doc.39(1983)No.3, p.135-154)

85-378 857
Raper, R.: The business of computer-aided indexing. Orig. en. Indexer Vol 14, No 2, 1984. p.118-119
Survey on microcomputers and their prices and possibilities to be used for index generation.

86 C & I of Secondary Literature

85-379 861
Slocovich, P.: Una base di dati per una ricerca lessicografica. (A database for lexicographic search) Orig.it. Riv.inform. Vol 13, No 1, 1983. p.63-68, 4 refs.

Int.Classif. 12(1985)No.1 Classification Literature

85-380 862
Bandman, A.L.; Starkova, T.A., Saljamon, E.L.: Topical problems of optimising indexes to bibliographic tools (the experience in compiling the Union Catalogue of Bibliographic Works carried out in the Soviet Union). Orig.ru. In: *Effekt.inform.bibliogr.obsluzh.* Leningrad, SU, 1983. p.64-71, 6 refs.

85-381 864
Bonitz, M.: Wie gut sind unsere wissenschaftlichen Zeitschriften? (Evaluating the quality of scientific journals by citation analysis) Orig.de. *Zbl.Bibl.wes.* Vol 97, No 6, 1983. p.253-258, 5 refs.

85-382 864
Bonitz, M.: Wissenschaftliches Zitieren - cui bono? Der "Science Citation Index" des Institute for Scientific Information. (Scientific citing - good for what?) Orig. de. *Zbl.Bibl.wes.* Vol 97, No 9, 1983. p.393-395, 7 refs.

85-383 864
Chubin, D.E.; Porter, A.L., Rossini, F.A.: "Citation Classics" analysis: an approach to characterizing interdisciplinary research. Orig.en. *J.ASIS* 35(1984)No 6, p.360-368, 22 refs.

85-384 864
Hiroshi, I.: Citation indexes in natural sciences and technology. Orig.ja. *Dokumentasyon kenkyu* 33(1983)No 6, p.273-279

85-385 864
Kajita, T.; Takagi, O.: Development of a document database with citation correlations in the fields of applied mechanics and structural mechanics. Orig.ja. *Dai 19 kai zyoho kagaku gizyut-su kenkyu syukai happyo rombensyu* 1982. p.183-189, 3 refs.

85-386 864
Knapp, S.D.: Cocitation searching: some useful strategies. Orig. en. *Online* Vol 8, July 1984. p.43-48, 8 refs.

85-387 864
Lord, S.: Le rôle de l'analyse de citations dans l'histoire des sciences. (The role of citation analysis in the history of the sciences) Orig.fr. *ARGUS* 13(1984)No 2, p.59-65, 41 refs.

85-388 864
Matter, G.A.; Broms, H.: The myth of Garfield and Citation Indexing. Orig.en. *Tidskr.f.Dokum.* 39(1983)No 1, p.1-8, 21 refs. See also 85-416, -417

87 C & I of Non-Book Materials

85-389 872
Chonez, A.: Book review of Lamy-Rousseau, F., Rousseau, M.: Classification des images, matériels et données - Classification of images, materials and data. Longueuil, CA: M.F.Rousseau 1984 2nd ed., VI, 420p. Orig.en,fr. *Documentaliste* 22(1985)No 1, p.36-37

85-390 872
Shatford, S.: Describing a picture: a thousand words are seldom cost effective. Orig.en. *Cataloging & Classif.Quart.* Vol 4, No 4, 1984. p.13-30, 27 refs.

85-391 876
Rodig, U.; Rätz, L.: Zur Geschichte der schwedischen Landesmatrikel. Erfahrungen und Probleme bei der Erschließung eines historischen Kartenbestandes. (On the history of Swedish maps. Experiences and problems in the subject analysis of a historical pool of maps) Orig.de. *Archivmitt.* 34(1984)No 3, p.96-100, 14 refs. See also 85-054

88 C & I in Subject Fields

Arrangement accord.to Information Coding Classification

85-392 88-18
Marschall, H.-W.; Mohr, C.: Fünf Jahre DITR - eine Bestandsaufnahme. (Five years German Information Center for Technical Rules (DITR) - an inventory) Orig.de. *DIN-Mitt.* 64(1985)No 1, p.18-25, 7 refs.

85-393 88-263
Zamora, E.M.; Blower, P.E.: Extraction of chemical reaction information from primary journal text using computational linguistics techniques. 1. Lexical and syntactic phases. Orig.en. *J.Chem.Inform.Comput.Sci.* 24(1984)No 3, p.176-181, 10 refs.

85-394 88-263
Zamora, E.M.; Blower, P.E.: Extraction of chemical reaction information from primary journal text using computational linguistics techniques. 2. Semantic phase. Orig.en. *J.Chem.Inform.Comput.Sci.* Vol 24, No 3, 1984. p.181-188, 16 refs.

85-395 88-521:812
Bachev, V.I.: Classification of historico-medical sources covering the Soviet period. Orig. ru. *Sov.zdravookhr.*, No 9, 1983. p.58-59, 5 refs.

85-396 88-536
Lake, R.B.; Bhat, M.: Keyword-in-context index to computers in dentistry. Orig.en. Cleveland, OH: Case Western Reserve Univ., Dept.of Biometry 1982. 181p., NTIS PB 83-186391.

85-397 88-675
Brown, J.D.; Schliff, F.A.: The use of microfiche and COM indexes to improve municipal document control. Orig. en. *Govt.Publi.Rev.* Vol 9, No 4, 1982. p.289-310, 13 refs.

85-398 88-822
Rowley, J.E.: Book review of Feinberg, H.(Ed.): Indexing specialized formats and subjects. Metuchen, NJ and London: Scarecrow Press 1983. XVIII, 288p. *J.Doc.* 40(1984)No 3, p.237-239
Positive review with short annotations to each one of the 14 contributions on different areas of indexing.

85-399 88-822
Augustinajtis, A.: Certain problems of typification and classification of union catalogues. Orig.ru. In: *Vlijantie NII na povysh.effekt.pr.va. Vil'njus*, SU 1983. 89-98

85-400 88-921
Lerner, F.: The cataloging and classification of science fiction collections. Orig.en. *Spec.Collections* Vol 2, No 1, 1982. p.151-170, 16 refs.

9 CLASSIFICATION ENVIRONMENT

91 ORGANIZATION PROBLEMS IN GENERAL

85-401 911
Winkel, A.; Friis-Hansen, J.B.: Klassifikationspolitik i Danmark. (Classification policy in Denmark) Orig. da. *Tidskrift Dokum.* Vol.38, No.1, 1982, p.1-7.

92 Persons and Institutions

85-402 921
Indexers available in 1984-85. 3rd ed.. Orig. en. Cambridge, GB: Society of Indexers 1984. 23p.
Alphabetical list of more than 300 indexers, all members of the Society of Indexers, available for indexing commissions, with addresses, telephone numbers, and indication of subject specialisms. Registered indexers, whose competence has been fully recognized by the Society, are denoted by bold type. 63 subject specialisms are listed. A list of entries by post-code is included.

85-403 922
Croghan, A.: Book review of Stenvenson, G., Kramer-Greene, J. (Eds.): Melvil Dewey: the man and the classification. Albany, NY: Forest Press 1983. 229p. Orig. en. *J.Librarianship* Vol 16, No 3, 1984. p.223-224

85-404 922
Ash, L.: Book review of Stenvenson, G., Kramer-Greene, J.: Melvil Dewey: the man and the classification. Albany, NY: Forest Press 1983. 210p., \$ 10.-. *Library J.*, March 15, 1984. p.566

85-405 922
Satiya, M.P.: Book review of Stevenson, G., Kramer-Greene, J. (Eds.) Melvil Dewey: The man and the classification. Albany, NY: Forest Press 1983. 210p. Orig. en. *Herald Libr.Sci.* Vol 23, No 1-2, 1984. p.70-71

85-406 924
Beiträge zur objektivierten Inhaltserschließung, zum rechnergestützten Informationsaustausch und zur automatisierten Wissensverarbeitung. (Contributions to an objective subject analysis, to computer-supported information exchange and to automated knowledge engineering) Orig.de. Ilmenau, GDR: Techn.Hochschule. *Inst.f.Inform.wiss., Erfindungswes.u.Recht* 1984. 67p., *Schriftenreihe, INER, H.62*

The four contributions, introduced by K.H.Tänzer, form the Festschrift to honor their teacher, Prof.Dr.sc.phil.Erich MATER, on his 60th birthday, Sept.3, 1984.

85-407 Bierich, E.: Zu Problemen objektivierter Inhaltserschließung. (On problems of objectivated contents analysis)

85-408 Lamprecht, H.: Erfahrungen beim rechnergestützten Informationsaustausch in der Forschung im Rahmen von Mail-box und Teleconferencing-Systemen. (Experiences in computer-supported information exchange in research in the frame of mailbox- and teleconferencing systems). - 85-409 Jarosch, H.; Müller, H.D.: Präzisierung von Rechercheanfragen im Dialog mit einem bibliographischen Datenbanksystem. (Improving retrieval requests in dialogue with a bibliographic data bank system). - 85-410

Groß, B.: Wissensverarbeitung - Neue Stufe der automatisierten Informationsverarbeitung. (Knowledge engineering - a new level in automated information handling).

85-411 924
Gordon, J.A.: The unique Canadian Hamburger. An 80th birthday tribute to William S. Heckscher. Indexer 14(1984)No 2, p.123

85-412 924
Krumholz, W.: A.F.Schmidt 65 Jahre alt. (A.F.Schmidt 65 years old). Orig. de. DK-Mitt. Vol 28, No 4, 1984, p.13
Mr.A.F.Schmidt was the secretary of the DIN Committee on Classification from 1967-1984 and head of the department on classification systems of the DIN. He was also the editor of DK-Mitteilungen and is still the German FID/CCC representative.

85-413 924
Mohanrajan, P.A.(Ed.): New trends in international librarianship. S.R.Ranganathan Festschrift to mark the Platinum Jubilee of the Madras University Library. Orig. en. New Delhi, etc.: Allied Publishers Private Ltd. 1984. XI,284p. 20 contributions (by invitation), of which the following 9 fall into the area of classification science:

85-414 Peters, H.J.; Bakewell, K.G.B.: User reactions to PRECIS indexes. - 85-415 Dahlberg, I.: On the position of classification at the present time. - 85-416 Garfield, E.: ABCs of cluster mapping. - 85-417 Garfield, E.: Introducing the ISI Atlas of Science: biochemistry and molecular biology, 1978/80. - 85-418 Mills, J.: The new Bliss Classification (BC2). - 85-419 Comaromi, J.P.; Humphry, J.A.: Dewey Decimal Classification: present and future. - 85-420 Gopinath, M.A.: Analytico-synthetic classification: its theory and practice. 85-421 Cochran, P.A.: The library is a growing organism in the era of online public access catalogues and communications networks. - 85-422 Garfield, E.: Epilogue: A tribute to S.R.Ranganathan, the father of Indian library science.

85-423 924
Nedobity, W.: Eugen Wüster und die Sprachkritiker des Wiener Kreises. (E.Wüster and the language critics of the Vienna Circle) Orig. de. Muttersprache 95(1984/85)No 1-2, p.42-48, 30 refs.

It is shown that and how much E.Wüster had been influenced by philosophers like F.Mauthner, E.Jach, L.Wittgenstein and R.Carnap in constructing the principles of his general terminology science.

85-424 924
Obituary: Leonard Montague Harrod, FLA, 1905-1984. Orig. en. Indexer Vol 14, No 2, 1984, p.84

85-425 925
Classification Society of India. Int.Classif. 11(1984)2, p.93
Short information on the foundation meeting of this new group.

85-426 925
Committee on Lexicographic Terminology (COLT) formed. Int.Classif. Vol 11, No 2, 1984, p.99
COLT is a Committee of the Dictionary Society of North America. Collaboration with the newly formed European Society of Lexicographers, EURALEX has been agreed upon. The chairman of COLT is Prof.F.W.Riggs, University of Hawaii.

85-427 925
Averbukh, K.Ja.: From the work experience of the Omsk Terminological Centre. Orig.ru. Nauch.-tekhn.Terminol., No 9, 1983, p.11-14

85-428 925
Melhus, G.: Norsk Dewey-utvalg. Hva er det - hva gjør det? (The Norwegian Dewey Committee. To do it or not to do it?) Orig. no. Synopsis Vol 14, No 1, 1983, p.11-12

85-429 926
Arntz, H.: FID/CR+92/99: The 47th meeting in Moscow together with some thoughts about UOC and its revision. Orig. en. Int.Forum Inform.& Doc. Vol 9, No 4, 1984, p.32-38

85-430 926
Dahlberg, I.: FID/CR Report 1984. Orig. en. Int.Classif. Vol 11, No 3, 1984, p.159-160, FID/CR News 12
Reports on the membership, the events, current projects and publications, lectures, further activities and conferences planned.

85-431 926
Regt, W.F.de: FID/CCC talks at VINITI. Orig. en. Int.Forum Inform.& Doc. Vol 9, No 4, 1984, p.39-40

85-432 928
Langridge, U.W.: Ranganathan Award 1984: Jack Mills. Orig.en. Int.Classif. Vol 11, No 3, 1984, p.160-161

Appreciation of the work of Jack Mills, including a short survey on his life. He received the Award on account of his work for the 2nd edition of the Bliss Bibliographic Classification.

93 Organisation on a Natl. & Internat. Level

85-433 932.75
Gornostaev, U.M.; Kolozsary, S.; Zinov'ev, S.P.: The objectives of a common command language in online information retrieval. Orig.hu. Tud.es musz.tajek. 30(1983)No 8-9, p.342-354, 25 refs.

85-434 933
Milena, T.V.: International activity on scientific-technical terminology. Orig.ru. Nauch.-tekhn.Terminol., No 9, 1983, p.22-3

85-435 934
Kralova, A.: Registration of the thesauri and subject headings lists used and planned within Czechoslovakia's STĚI system. Orig.cs. Cs.Inform. 25(1983)No.9, p.243-247

85-436 934
Burkart-Sabsoub, M.; Wersig, G.; Blohm, W.; Hoelscher, B.; Liss, H. Macak, J.; Straube, A.: Klassifikationssysteme in Information und Dokumentation in der Bundesrepublik Deutschland. Synopse und analytische Beschreibung (2 Teile). (Classification systems in information and documentation in the Federal Republic of Germany (in 2 parts)) Orig.de. Berlin, DE: Progris. Projektgruppe Informationssysteme 1982. 620p.

85-437 935
Chandel, A.S.: Book review Dhayani, P.: Classification schemes and Indian libraries. Delhi, IN: Metropolitan 1983. 220p. Orig. en. Herald Libr.Sci. Vol 23, No 1-2, 1984, p.79-81

95 Education and Training

85-438 951
Ford, N.: Intellectual development and the organization of knowledge. Orig.en. J.Educ.f.Libriarianship Vol 24, No 3, 1984, p.157-173, 18 refs.

85-439 952
Greiner, G.: Some reflections on teaching subject analysis in the field of documentation. Orig. en. Int.Classif. Vol 11, No 2, 1984, p.66-68, 6 refs.

85-440 952
Lovis, F.B.; Tagg, E.O.: Information education for all students at university level. Orig. en. Amsterdam, NL: North-Holland 1984. XIV, 226p., \$ 31.-; hfl 80.-, ISBN 0-444-86807-0

85-441 954
Harris, R.M.; Ross, C.L.: Teaching research methods: students' cognitive complexity and demand for structure. Orig. en. J.Educ.f.Libriarianship Vol 24, No 3, 1984, p.189-198, 12 refs.

85-442 953
Glogoff, L.G.; Dean, B.C.; Highsmith, A.L.: Computer-based training program for cataloging department staff. Orig. en. J.Academic Libriarianship Vol 10, No 1, 1984, p.23-28

85-443 959.31
Indexing in Perspective Seminar at The Hague. Orig. en. Int.Classif. Vol 11, No 3, 1984, p.91

85-444 959.77
EACROTANAL Training Seminar on Terminology, Zanzibar, United Republic of Tanzania, Dec.7-17, 1983. Orig.en. Int.Classif. Vol 11, No 2, 1984, p.97-98

85-445 959.77
First Hispano-terminology Course/Workshop, Madrid, Nov.8-10, 1983. Orig. en. Int.Classif. Vol 11, No 2, 1984, p.97

97 Economic Aspects

85-446 97.34
Corbett, C.A.: Computerised indexing speeds document access. Orig. en. Office Vol 98, No 5, 1983, p.68, 71, 76

85-447 97.75
Dunn, R.G.; Boyle, H.F.: Online searching: costly or cost effective? A marketing perspective. Orig. en. J.Chem.Inform.Comput.Sci. Vol 24, No 2, 1984, p.51-54, 2 refs.

85-448 97.75
Buntrock, R.E.: Cost effectiveness of online searching of chemical information: an industrial viewpoint. Orig.en. J.Chem.Inform.Comput.Sci. Vol 24, No 2, 1984, p.54-57, 16 refs.

98 User Studies

See 85-208, -342, -345, -414, -439

Int.Classif. 12(1985)No.1 Classification Literature