*   Monographs on special topics at special subdivisions

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

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 87-384

87-001 012
Classification and Indexing Research. Current Bibliography of Projects. Orig. en. Int.Classif. Vol 13, No 3, 1986. p.159-161
Lists the bibliographic items and abstracts of projects with the numbers 224-240.

87-002 016.715
Artificial intelligence, Jan.1985-Dec.1985. (Citations from the Engineering Index Data Base). Orig.en. Springfield, VA: National Techn.Inform.Service 1985. 148p., PB 86-852878
This updated bibliography contains 186 citation, all of which are new entries to the previous edition.

87-003 016.76
Horn, A.: Wörterbuchkatalog 1987. Allgemeine Wörterbücher und Fachwörterbücher. (Dictionary catalog 1987.General and special dictionaries) Orig. de. Wiesbaden, DE: Int.Buchhandl.A.Horn 1987. no pagin., ca 1 cm
12th edition of a sales catalog which lists 5000 general and special dictionaries in 210 languages. The latter are arranged according to 99 subject fields. There are monolingual as well as multilingual dictionaries each with its price in DM.

87-004 016.76
Hidden glossaries. (Feature of Infoterm News). Orig. en. Int.Classif. Vol 13, No 3, 1986. p.163-164
Lists 61 glossaries in alphabetical sequence of their authors.

87-005 018-91
Seibicke, W.: Book review of: Gipper,H., Schwarz,H.(Eds.): Bibliographisches Handbuch zur Sprachinhaltsforschung.Lfg.24-32. Opladen:Westdt.Verl.1980/1985. (Bibliographic Handbook on Language Contents Research. Pt.1) Orig. de. Muttersprache Vol 96, No 5-6, 1986. p.362-363

03 Dictionaries, Terminologies

See also 87-384

87-006 032
Prytherch, R.: Harrod's Librarian's Glossary of terms used in librarianship, documentation and the book crafts and reference book. 6th ed. Orig.en. Aldershot, Hants.,GB: Gower Publ. 1987. 855p., ISBN 0-566-03538-3
Over 400 terms from the 5th ed. have been revised or removed and over 600 new entries are included. From the preface: "The glossary remains primarily British in its fundamental scope, but includes important American, Indian, Australian, African, and European terms. The simplest criterion for inclusion is that a term be found regularly in the ordinary run of professional or trade literature in the field."

87-007 032-825
Suslova, I.M., Kuzymin, G.K. (Comp.): Governance of librarianship: A dictionary of terms. Orig. ru. Moskva, SU: All-Union Library of Foreign Literature (GBL) 1985. 47p.
The dictionary (of about 300 terms) was developed by the Methods Dept. of the All-Union Library of Foreign Literature.

87-008 032
Kondakow, N.I., Albrecht, E., Asser, G. (Eds.): Wörterbuch der Logik. (Vocabulary of logic. 2nd German ed.) Orig. de. Leipzig, DD: VEB Bibliogr.Institut 1983. 536 p.
Contains more than 3000 terms of logic & related disciplines, such as cybernetics, mathematics, data-processing, psychology, linguistics, rhetorics, methodology and epistemology.

87-009 0342
Gendlina, I.E., Kalinina, G.I., Smirnova, A.I.(Comps.), Int. Feder.Doc., Committee on Res. on Theoret. Basis of Information (FID/RI): A terminological manual on the UDC use, theory and methodology: Dictionary of terms with definitions (Title also in Russian, German, French and Spanish). Orig. ru, en, fr, de, es. Moskva, SU: VINITI 1986. 512p., FID 650
Comprises 350 terms in Russian, English, German, French and Spanish, each in a separate part with a systematic outline, with their definitions, and with their synonyms. Terms are arranged in the following fields: Concept, Classification, UDC, Notation, UDC numbers, UDC symbols, and Indexing. Indexes for each language part.

87-010 038-73
Compilation of ASTM Standard Definitions. Orig. en. Hitchin, Herts, GB: Amer.Techn.Publ. 1986. 920p., ISBN 0-8031-0928-8
Contains over 20,000 definitions drawn from ASTM standards. Replaces the 1982 edition.

87-011 038-81
Siforov, V.I.(Ed.): Terms of the science of science. Orig. ru. Moskva, SU: Nauka 1986. 36p.
Terms are given in alphabetical order. They have been grouped into 18 sections corresponding to a possible structure of the science of science.

87-012 038-83
Carl,W., Amkreuz,J.J.: Wörterbuch der Datenverarbeitung. (Dictionary of data processing. 2nd ed.) Orig. de,en,fr. Köln, DE: Datakontext 1984. 1913p. (2 vols.), ISBN 3-921899-25-7
Some 35,000 terms are given in three arrangements: German-English-French, English-German-French and French-German-English. They cover the fields of hardware, software, text processing, data telecommunication, electronics and related fields.

87-013 038-83
Glossary of CD-ROM-related technical terms and acronyms. Orig. en. Optical Information Systems, Westport,CT Vol 6, No 3,1986. p.230-234, 9 refs. Contains definitions of some 100 terms.

87-014 038-83
Schneider, H.-J. (Ed.): Lexikon der Informatik und Datenverarbeitung, 2.verb.u.erw.Aufl. (Dictionary of informatics and dataprocessing) Orig.de. München-Wien: R.Oldenbourg Verlag 1986. 746p., ISBN 3-486-22662-2
The second edition contains some 5,500 German entries, 900 synonyms and 2400 further entries which have been collected from 135 experts in all fields of computer science, data processing and applications. Its computerized System TEAS (Terminologiedatenbank-Erfassungs- und Aufbereitungs-System) controls more than 40 000 word forms now included in the database. Next to definitions and descriptions of subjects, the entries contain also English translations of concepts with its English-German index. List of contributors and introductory text into the system for the semiautomatic compilation of the lexicon.

87-015 038-91
Hartmann, R.R.K.: Book review of: Burger, H.G.: The Word Tree. A transitive cladistic for solving physical and social problems. Merriam,KS: The Wordtree 1984. 380p. Orig.en. Lexicographica, No 2, 1986. p.310-313

04 Classification Systems & Thesauri

041 General Systems

87-016 041
Subject thesaurus for Bowker online databases. Orig. en. New York, NY: Bowker 1984. 571p.

87-017 041
Universitätsbibliothek Regensburg: Aufstellungssystematiken. A: Allgemeines. Bibliographien,Nachschlagewerke,Wissenschaftskunde, Hochschulwesen, Buchwesen, Medien- und Kommunikationswissenschaften. Umwelt. (Classification Scheme A: General.Bibliographies. Reference works, science of subjects, university book science, media- and communication science. Environment) 3rd ed. Orig.de. Regensburg, DE: Universitätsbibliothek 1985. 195p.

87-018 041-de-98/99
Universitätsbibliothek Regensburg: Aufstellungssystematik B: Theologie und Religionswissenschaft. (Classification Scheme B: Theology and religion). 3rd.ed. Orig. de. Regensburg, DE: Universitätsbibliothek 1983. 244p.

87-019 041-de-97
Universitätsbibliothek Regensburg: Aufstellungssystemaik CA-CI: Philosophie. (Classification Scheme Philosophy). 3rd ed. Orig.de. Regenburg, DE: Universitätsbibliothek 1980. 50p.

87-020 041-de-55
Universitätsbibliothek Regensburg: Aufstellungssystematik CL-CZ: Psychologie. (Classification Scheme CL-CZ: Psychology). 3rd ed. Regenburg, DE: Universitätsbibliothek 1985. 15p.

87-021 041-de-56
Universitätsbibliothek Regensburg: Aufstellungssystematik D: Pädagogik. (Classification Scheme D: Education). Repr. of 4th ed. Orig.de. Regensburg, DE: Universitätsbibliothek 1981. 36p.

87-022 041-de-91/922; -927/9
Universitätsbibliothek Regensburg: Aufstellungssystemarik E: Allgemeine und vergleichende Sprach- und Literaturwissenschaft. Indogermanistik. Außereuropäische Sprachen und Literaturen. (Classification Scheme E: General and comparative lingustics and philology. Indogermanistics. Extra-European languages and literatures). 2nd ed. Orig.de. Regensburg, DE: Universitätsbibliothek 1981. 172p.

87-023 041-de-922
Universitätsbibliothek Regensburg: Aufstellungssystematik F: Klassische Philologie. Byzantinistik. Mittellateinigsche und

neugriechische Philologie.Neulatein. (Classification Scheme F: Bycantinism. Medieval and new Greek Philology. New Latin). 2nd ed. Orig.de. Regensburg, DE: Universitätsbibliothek 1984. 266p.

87-024 041-de-924
Universitätsbibliothek Regensburg: Aufstellungssystematik G: Germanistik. Niederländische Philologie.Skandinavistik. (Classification Scheme G: German Philology. Dutch Philology. Scandinavian Philology). 2nd ed. Regensburg, DE: Universitätsbibliothek 1983. 258p.

87-025 041-de-923
Universitätsbibliothek Regensburg: Aufstellungssystematik H: Anglistik.Amerikanistik. (Classification Scheme H: English and American Philology) 3rd ed. Orig.de. Regensburg, DE: Universitätsbibliothek 1981. 163p.

87-026 041-de-925
Universitätsbibliothek Regensburg: Aufstellungssystematik I: Romanistik. T.1,T.2: 4.Aufl. (Classification Scheme I: Romance Philology) 4th ed. Orig.de. Regensburg, DE: Universitätsbibliothek 1981; 1984. 270+302p.

87-027 041-de-926
Universitätsbibliothek Regensburg: Aufstellungssystematik K: Slavistik. T.1 u.T.2. (Classification Scheme K: Slavic Philology). 2nd ed. Regensburg,DE: Universitätsbibl. 1983. 512+106p.

87-028 041-de-963/4
Universitätsbibliothek Regensburg: Aufstellungssystematik LA-LC: Ethnologie (Volks- und Völkerkunde). 3.Aufl. (Classification Scheme LA-LC: Ethnology; Ethnography). 3rd ed. Orig.de. Regensburg, OE: Universitätsbibliothek 1985. 18p.

87-029 041-de-969
Universitätsbibliothek Regensburg: Aufstellungssystematik LD-LG: Klassische Archäologie. (Classification Scheme LO-LG:Classical archeology). 3rd ed. Orig.de. Regensburg, DE: Universitätsbibliothek 1984. 36p.

87-030 041-de-94
Universitätsbibliothek Regensburg: Aufstellungssystematik LH-LO: Kunstgeschichte. (Classification Scheme LH-LO: Arts). 2nd ed. Orig.de. Regensburg, DE: Universitätsbibliothek 1983.326p.

87-031 041-de-93
Universitätsbibliothek Regensburg: Aufstellungssystematik LP-LZ: Musikwissenschaft. (Classification Scheme LP-LZ: Music and Musicology) 2nd ed. Orig. de. Regensburg, DE: Universitätsbibliothek 1982. 200p.

87-032 041-de-62
Universitätsbibliothek Regensburg: Aufstellungssystematik MA-MM: Politologie. (Classification Scheme MA-MM: Political Science). 3rd ed. Orig.de. Regensburg, DE: Universitätsbibliothek 1986. 83p.

87-033 041-de-61
Universitätsbibliothek Regensburg: Aufstellungssystematik MN-MW: Soziologie. (Classification Scheme MN-MW: Sociology) 5th ed. Orig.de. Regensburg, DE: Univerisitäsbibliothek 1984. 41p.

87-034 041-de-68
Universitätsbibliothek Regensburg: Aufstellungssystematik MX-MZ:Militärwissenschaft. (Classification Scheme MX-MZ: Military Science). 2nd ed. Orig.de. Regensburg, DE: Universitätsbibliothek 1982. 26p.

87-035 041-de-69
Universitätsbibliothek Regensburg: Aufstellungssystematik N: Geschichte T.1+2. (Classification Scheme N: History, Pts.1+2) 5th ed. Orig. de. Regensburg, DE: Universitätsbibliothek 1985. 189+294p.

87-036 041-de-66
Universitätsbibliothek Regensburg: Aufstellungssystematik P: Rechtswissenschaft. (Classification Scheme P: Law.) 5th ed. Orig. de. Regensburg, DE: Universitätsbibliothek 1983. 157p.

87-037 041-de-71/2
Universitätsbibliothek Regensburg: Aufstellungssystematik Q: Wirtschaftswissenschaften. (Classification Scheme Q: Economics). 2nd ed. Orig.de. Regensburg, DE: Universitätsbibliothek 1983. 76p.

87-038 041-de-39
Universitätsbibliothek Regensburg: Aufstellungssystematik R: Geographie. (Classification Scheme R: Geography) 5th ed. Orig. de. Regensburg, DE: Universitätsbibliothek 1982. 41p.

87-039 041-de-12; -83
Universitätsbibliothek Regensburg: Aufstellungssystematik S: Mathematik und Informatik. (Classification Scheme S: Mathematics and informatics). 5th ed. Orig.de. Regensburg, DE: Universitätsbibliothek 1985. 75p.

87-040 041-de-20
Universitätsbibliothek Regensburg: Aufstellungssystematik TA-TO: Allgemeine Naturwissenschaft.(Classification Scheme TA-TO: Natural Sciences in General). 3rd ed. Orig.de. Regensburg, DE: Universitätsbibliothek 1984. 10p.

87-041 041-de-33/6
Universitätsbibliothek Regensburg: Aufstellungssystematik TE-TZ: Geologie und Paläontologie. (Classification Scheme TE-TZ: Geology and Paleontology). 3rd ed. Orig. de. Regensburg, DE: Universitätsbibliothek 1984. 53p.

87-042 041-de-21/4
Universitätsbibliothek Regensburg: Aufstellungssystematik U: Physik. (Classification Scheme U: Physics). 4th ed. Orig. de. Regensburg, DE: Universitätsbibliothek 1984. 175p.

87-043 041-de-25/7; -522
Universitätsbibliothek Regensburg: Aufstellungssystematik V: Chemie und Pharmazie. (Classification Scheme V: Chemistry and Pharmacy). 4th ed. Orig.de. Regensburg,DE: Universitätsbibliothek 1984. 153p.

87-044 041-de-41/44; 51
Universitätsbibliothek Regensburg: Aufstellungssystematik W: Biologie und Vorklinische Medizin. (Classification Scheme W: Biology and Preclinical Medicine). 2nd ed. Orig.de. Regensburg, DE: Universitätsbibliothek 1985. 184p.

87-045 041-de-52/54
Universitätsbibliothek Regensburg: Aufstellungssystematik XA-YZ: Theoretische und Klinische Medizin. (Classification Scheme XA-YZ: Theoretical and Clinical Medicine). 3rd ed. Orig. de. Regensburg, DE: Universitätsbibliothek 1985. 188 p.

87-046 041-de-46/47; 446; 59
Universitätsbibliothek Regensburg: Aufstellungssystematik ZA-ZE: Land- und Forstwirtschaft. Gartenbau. Fischereiwirtschaft. Hauswirtschaft. (Classification scheme ZA-ZE: Agriculture and Forestry. Horticulture. Fishing. Home Economics) 4th ed. Orig. de. Regensburg, DE: Universitätsbibliothek 1983. 47p.

87-047 041-de-73
Universitätsbibliothek Regensburg: Aufstellungssystematik ZG-ZS: Technik. (Classification Scheme ZG-ZS: Technology) 2nd ed. Orig.de. Regensburg, DE: Universitätsbibliothek 1985. 122 p.

87-048 041-de-58
Universitätsbibliothek Regensburg: Aufstellungssystematik ZX-ZY: Sport. (Classification Scheme ZX-ZY: Sports). 4th ed. Orig. de. Regensburg, DE: Universitätsbibliothek 1986. 42 p.

87-049 041-de
Universitätsbibliothek Regensburg: Aufstellungssystematik. Studentenbücherei. (Classification Scheme for Students). 2nd ed. Orig.de. Regensburg, DE: Universitätsbibliothek 1981. 33p.

87-050 041-de-00
Universitätsbibliothek Regensburg: Aufstellungssystematik. Regeln für die Signaturvergabe. (Classification Scheme. Rules for the assignment of book numbers). 3rd ed. Orig. de. Regensburg, DE: Universitätsbibliothek 1983. 63p.

87-051 041.8-de
Universitätsbibliothek Regensburg: Register zu den Systematiken. (Index to the classification schemes). 3rd ed. Orig. de. Regensburg, DE: Universitätsbibliothek 1983. 11 microfiches

87-052 041.9
Concordances between the ISTIS Subject Heading List and the International Patent Classification. Orig. ru. Moskva, SU: Mezhdunarod.Cent.Nauch.Tekhn.Inform.(MCNTI) 1985. 70p.

042 Universal Decimal Classification

87-053 042.1-de-91/4; -39; -58; -69
DIN Deutsches Institut für Normung: Zweite Deutsche Gesamtausgabe der DK. Abteilungen 7/9: Kunst,Kunstgewerbe,PHotographie, Musik,Spiele,Sport, Sprachwissenschaft, Philologie, schöne Literatur,Literaturwissenschaft,Geographie,Biographien,Geschichte. (2nd German Full UDC Edition. Classes 7/9) Orig. de. Berlin, DE: Beuth Verl. 1986. 143p., DM 158.-

87-054 042.1-sh-54
Jugoslovenski Centar za Tehnicku i Naucnu Dokumentaciju: Serbocroat Full UDC Edition. Class 54. Chemistry.Crystallography. Mineralogy. Orig. sh. Belgrade, YU: Jogoslav Center for Technical and Scientific Documentation 1984. 210p.

043 Dewey Decimal Classification

87-056 043.489
South, M.L. (Ed.): Dewey Decimal Classification for School Li-

braries. British and International Edition. Orig. en. Albany, NY: Forest Press 1986. IX,179p., ISBN 0-910608-35-0
Revision and expansion of the Introduction to the Dewey Decimal Classification for British Schools (4th ed.). Contains an Introduction, Tables, Summary of Schedules. A suggested colour code for primary schools. Schedules and the alphabetical subject index.

0448 Library of Congress Subject Headings

87-057   0448
Brewer, A.M. (Ed.): L.C.Subject Headings Weekly Lists: A Working Cumulation 1984. Lists 1-19, Jan.1, 1984 through May 7, 1984. Orig. en. Detroit, MI: Gale Research Co. 1985. 249p.

87-058   0448
Brewer,A.M.(Ed.): L.C.Subject Headings Weekly Lists: A Working Cumulation 1985; Lists 1-34,dated December 31,1984 through August 19,1985. Orig.en. Detroit,MI: Gale Research Co.1986.577p.

048 Special Classification Systems and Thesauri

87-059   048-265
Gladkova,G.I. et al.(Comps).: IR Thesaurus of Organic Compound Classes. Orig. ru. Moskva, SU: Nauka 1986. 157p., 12 refs.

87-060   048-284
INIS: Thesaurus. Orig. en. Vienna, AT: Int.Atomic Energy Agency 1986. 813p., IAEA-INIS-13, Rev.25

87-061   048-29
Fachinformationszentrum Technik. Zentralstelle Dokumentation Elektrotechnik (ZDE): Thesaurus Elektrotechnik. (Thesaurus Electrical Engineering, 7th ed.) Orig. de. Frankfurt, DE: ZDE 1986. 508p.
The 7th ec.containes 6,993 concepts with 9,717 German and 9,125 Englisch descriptors.

87-062   048-382; -743
Chernenko,L.D., Kravchenko, N.D., Karpovich,L.M.: IR Thesaurus on Superhard Materials. Orig.ru. Moskva,SU: VINITI 1986. 203p.

87-063   048-384
Metals and alloys in the Unified Numbering System.Orig.en.Hitchin, Herts.G8: Amer.Techn.Publ.1986. 460p.,ISBN 0-89883-419-8
This tool includes an up-to-date listing of unified numbers for over 6,500 metals and alloys along with the description, chemical composition, and cross reference specification for each entry.

87-064   048-384
Fachinformationszentrum Werkstoffe: Thesaurus Metallische Werkstoffe SOIM2. Technologie, Eigenschaften, Prüfung. Dt.Ausg.mit engl.u.franz.Synonymen. (Thesaurus Metallic Materials SDIM2. Technology, Properties, Tests. German Edition with English and French Synonyms) Orig. de, en, fr. Berlin, DE: FIZ Werkstoffe 1986. 327p.
Controlled vocabulary of the metallurgy data bank with some 6,300 descriptors and some 400 non-descriptors.

87-065   048-385
Non-ferrous metallurgy subject headings list. Orig.ru. Moskva, SU: CNII Ekon.i Inform.Tsvet.Met. 1986. 124p.

87-066   048-434
Blumenbach, D., Laux, W., Biologische Bundesanstalt für Land- und Forstwirtschaft: Phytomed Thesaurus. (Thesaurus phytopathology) Orig. de. Hamburg, DE: Parey 1986

87-066a   048-488
Berndt, H., Int.Food Inform.Service (IFIS): Thesaurus viticulture and enology/Thesaurus Weinbauforschung. Orig. en, de, fr. Frankfurt, DE/Shinfield, GB: IFIS 1986, FSTA Reference Series No.6, ISBN 3-922961-06-1

87-067   048-49
Infoterra: Thesaurus in environment. Orig. ru, transl.from en. Moskva, SU 1985. 18p.

87-068   048-56
Houston, J.E. (Ed.), ERIC: Thesaurus of ERIC descriptors. 10th ed. Orig. en. Phoenix, AZ: Oryx Press 1984. 639p.

87-069   048-56
Lavender,G.B., Findlay,M.A.: Australian thesaurus of education descriptors. Word-stock for indexing and retrieving Australian educational literature. Orig. en. Hawthorne, AU: Australian Council for Educational Research 1984. 271p., ERIC ED 257 464

87-070   048-64
Thesaurus für die Kreditwirtschaft.(Thesaurus on banking economy. 2 vols.) Orig. de. Hamburg, DE: Verlag Weltarchiv 1986. 277+247p., DM 550.-

87-071   048-658
Jason,N.H.: FIREDOC vocabulary list. Orig.en. Gaithersburg,MD: National Bureau of Standards 1985. 112p., Fire Research Information Services, NTIS. PB 86-165354/GAR
Contains over 4000 entries and reflects the subject matter of published reports, articles, and documents of the Fire Research Information Services (FRIS).

87-072   048-66
Joiris, C.: Catalogue systématique des monographies de la bibliothèque de la Cour d'Appel du Palais de Justice de Liège. (Systmatic catalog of monographic publications kept in the library of the Court of Justice in Liège) Orig. fr. Liège, BE: Inst.Provincial d'Etudes et de Recherches (IPERB) 1986. 141p.

87-073   048-66
Lejeune, P.: Catalogue systématique des monographies des bibliothèques du Palais de Justice de Liège:Bibliothèque du Parquet général, du Procureur du Roi, du Tribunal de Première instance et du Tribunal de commerce. (Systematic Catalog of Monographs in the Libraries of the Court of Justice in Liège: Library of the Public Prosecutor's Department, of the Attorney General, of the Magistrate's Court, of the Commercial Court) Orig. fr. Liège, BE: IPERB 1985. 141p.

87-074   048-73
Engineering Information,Inc.: SHE. Subject Headings for Engineering. rev.ed. Orig.en. New York, NY: Engineering Information 1983. 167p.

87-075   048-737
Haas, K., Int.Food Inform.Service (IFIS): Thesaurus packaging/ Thesaurus Verpackung. Orig. en, de. Frankfurt, DE/Shinfield, GB: IFIS 1986, FSTA Reference Series No.5, ISBN 3-922961-08-8
Originates from indexing the journal "Packaging science and Technology Abstracts" aus well as the documents in the relevant documentation center of the Fraunhofer-Institut für Lebensmitteltechnologie und Verpackung. Part A in systematic, Part B in alphabetical order, Part C alphabetical translation section. The systematic part contains 21 arrowgraphs with altogether 1013 descriptors in hierarchical order.

87-076   048-74
Subject heading list for the automotive industry computer-based STI system. Orig. ru. Moskva, SU: NII Inform. Avtomob. Prom.-sti 1985. 45p.

87-077   048-8229
Shvecova-Vodka, G.N.: Classification of bibliographic tools. Orig. ru. Sborn. Nauch.trud. Mosk.Inst.Kul'tury, No 66, 1985. p.116-132

87-078   048-865
Pirotte, D.: Essai de réalisation d'un thesaurus dans le domaine socio-économique limité à la province de Liège, pour le traitement de la documentation d'un organe de presse. (Creation of a socio-economic alphabetical thesaurus limited to the Province of Liège, for use in a press office) Orig. fr. Liège, BE: IPERB 1985. 271p.

05 Periodicals and Serials

87-079   054
Universitätsbibliothek Regensburg: Rundbrief zu den Regensburger Aufstellungssystematiken, Jg.1-, 1985-. (Newsletter on the Regensburg Classification Scheme. Vol.1-, 1985-) Orig. de. Regensburg, DE: Universitätsbibliothek 1985

87-080   056.25
Cladistics. The International Journal of the Willi Hennig Society. Orig. en. Vol 1, London, GB: Meckler Publ. 1985-
The journal publishes papers on theory, method, congruence studies and application studies in morphology, molecular biology, botany, zoology, linguistics, ontogeny, biogeography, and systematic philosophy. Each volume contains an annual index and an official report from the Willi Hennig Society.

87-081   056.3
L'Indicizzazione. Rivista per Archivi, Bibliotecke, Musei,Banche Dati e Centri di Documentazione. (Indexing.Journal for Archives, Libraries, Museums, Databanks, and Documentation Centres) Orig. it. Vol 1, No 1, 1986-
This new Italian journal has been founded by a group of university professors, librarians, experts of the science of information, archivists and art historians. It aims at bringing solutions to practical problems. The scientific editors are: B.Aschero, G.Della Rissia, G.M.Pilo. The editorial office is at: Biblioteca Statale del Popolo, Via del Teatro Romano, 17, IT-34121 Trieste.
Some examples of contributions to No.1: B.Aschero: Information retrieval through catalogs. - A.I.Fontana: Computer-based information retrieval. - G.Negrini: The personal computer in the library: administrative and bibliographic use. - M.Mattaliano: Library automation: a project which as been carried out.

06 Conference Reports, Proceedings

See also 87-188

87-082   06.83-09-9/12
Kempcke, G.: Book review of: Hartmann,R.R.K.(Ed.): Lexeter '83
Proceedings. Tübingen: Niemeyer Verl. 1984. 452p. Orig. de. Z.
Phon.Sprachwiss.Kommunik.forsch. Vol 39, No 6, 1986. p.724-728

87-083   06.84-08-20/25
Int.Feder.of Libr.Assoc.: IFLA General Conference, 1984. Bib-
liographic Control Div.,Sections on Bibliography, Cataloguing,
and Classification, Pt.1. Orig.en. Springfield, VA: ERIC 1984.
79p., ED 259 731

87-084   06.84-12-6/8
IEEE Computer Society Workshop on Visual Languages, Hiroshima,
Dec. 6-8, 1984. Orig. en. Silver Spring, MD: IEEE Comput. Soc.
Press 1984. 245p.
"Visual languages" refer to languages specially created for
visual information processing.

87-086   06.85-10-22/24
All-Union Conference on Applied Logic, Novosibirsk, Oct.22-24,
1985. Report summaries. Orig.ru. Novosibirsk,SU: Institut Mat.
1985. 239p.

87-087   06.85-10-28/30; 820
The 4th International Conference on Entity-Relationship Ap-
proach, Chicago, IL, Oct.28-30, 1985. Orig. en. Silver Spring,
MD: IEEE Comput.Soc.Press 1985. 337p.

87-088   06.85-10-28/30; 141
Intelligence Systems and Simulation. Report summaries of the
6th Scientific-Methodological Conference,28-30 Oct.1985. Orig.
ru. Novosibirsk, SU 1985. 223p.
The volume contains abstracts of papers on: Research and in-
telligent systems refinement (IS) methodology, present day
theoretical IS research; problems in IS mastering and refine-
ment; IS management in specific fields.
87-089 Ladenko,I.S.: Intelligence systems within the framework
of modern knowledge. - 87-090 Chavchanidze, V.V.: Toward the
development of automatic stochastic-conceptual self-organising
intelligence systems. - 87-091 Grigorov, S.A.: The content and
significance of the theory of intelligence systems. - 87-092
Lavrenchuk, N.B.: Methodological problems of the theory of in-
telligence systems. - 87-093 Morkunas, Z.: Methodological pre-
conditions of a goal-oriented design of intellectual systems.-
87-094 Bochkarev, N.P.: The intelligence system concept as a
framework for integrating organisation systems management
knowledge. - 87-095 Rozin, V.M.: Peculiarities of methodology
as an intelligence system. - 87-096 Fisenko, G.M.: Interrela-
tion of sciences in the present day intelligence research. -
87-097 Matynyuk,Yu.N.: Paths to refining intelligence systems.
- 87-099 Rozov, M.A.: The systemic nature of intelligence sys-
tems. - 87-099a Tul'chinskij, G.L.: Generation of new informa-
tion in intelligent systems. - - 87-100 Tsekhanskij, V.M.:
Strategy in the man-computer interaction system. - 87-101 Les-
nevskij,Yu.Yu.: A model of intelligence systems organisational
development. - 87-102 Zhigun, A.M.: Intelligence systems and
thinking experience. - 87-103 Bykov, V.E., Saenko,I.I.: Struc-
turing the problem solving process in an intelligent activity.
87-104 Karpovich, V.N.: The empiric content of software simu-
lation of cognitive activity. - 87-105 Gorokhov,A.S.: Models
of parallel processes of thinking and intellectual system or-
ganisation. - 87-106 Rubashkin, V.Sh.: Logically-oriented lan-
guage for knowledge representation in intelligence systems. -
87-107 Shkurba, V.V., Kogan, Yu.O.: Mangement automation in
intelligence systems. - 87-107a Shevchenko, N.P.: A formal de-
scription of a reflexive automated information system. - 87-
107b Komarov, V.G. et al: An online conceptual schema synthe-
sis system. - 87-107c Pervin, Yu.A.: Software models as a dy-
namic tool for the study of information structures. - 87-108
Dmitriev, V.V.: Modelling of intelligent functions and the fu-
ture of AI. - 87-109 Nepejvoda, N.N.: The problem of under-
standing in intelligence systems. - 87-110 Nepejvoda, L.K.:
The problem of non-understanding in intelligent systems. -
87-111 Mitrofanova, S.S.: The intelligence classification sys-
tem as a natural phenomenon and a design object. - 87-111a Fi-
lippova, S.N., Demin, D.V.: The computer-based STI system
within the computer experiment system in the bio-medical sci-
ences. - 87-112 Ivonin, Yu.P.: The role of intelligence systems
in cognitive experience transfer. - 87-113 Rozov, N.S.: Intel-
ligence systems as tools for management problem solving. - 87-
114 Lazarev, V.S.: Toward intelligent processes automation in
management.

87-115   06.85-11-11/14
Friis-Hansen,J.B.: Ranganathan's Philosophy: Assessment,Impact
and Relevance. Report on the International Conference in New
Delhi,11-14 Nov.1985. Orig.en.Libri Vol 36,No 4,1986.p.313-319

87-116   06.85-11-11/14
Satija, M.P.: (Report on) International Conference on Rangana-
than's Philosophy ... and 2nd Regional Conference of FID/CR in

New Delhi. Orig. en. Library Progress (International) Vol 5,
No 1-2, 1985. p.64-66

87-117   06.85-11-11/14
Satija, M.P.: Book review of: Rajagopalan, T.S.(Ed.): Rangana-
than's Philosophy: Assessment,Impact and Relevance. New Delhi:
VIKAS 1985. Orig. en. ILA Bull. Vol 22, No 1-2, 1986. p.73-74

87-118   06.86-01-17/19
Workshop "Concept Analysis", Darmstadt, FRG, Jan. 17-19, 1986.
Orig. en. Int.Classif. Vol 13, No 3, 1986. p.161-162

87-119   06.86-08-12/22
Riggs, F.W.: INTERCOCTA activities during the ISA Congress in
Delhi (COCTA News). Orig.en. Int.Classif. 13(1986)No 3. p.165

87-120   06.86-08-26
Holley, R.P.: IFLA Section on Classification and Indexing. Re-
port on Meetings during the Tokyo IFLA Conference 1986. Orig.
en. Int.Classif. Vol 13, No 3, 1986. p.157

87-121   06.86-09-13
Craven, T.C.: Classification,Indexing, and New Technology. Re-
port on 3rd Regional FID/CR Conference. Orig. en. Int.Classif.
Vol 13, No 3, 1986. p.153-154

87-122   06.86-09-18
Organization of Information. Report on Session 7 of the FID
Congress, Sept.18,1986. Orig.en. Int.Classif. 13(1986)3. p.156
Reprinted from FID News Bull. 36(1986)No.10, p.77-78

07 Textbooks

See also 87-311, 87-379

87-123   07.3
Oym, E.D. (Ed.): Subject and information analysis. Orig. en.
New York-Basel: Dekker 1985. 507p.,Books in Library and Infor-
mation Science; 47, ISBN 0-8247-7354-2
Textbook compiled from 27 contributions of the Encyclopedia of
Library and Information Sciences" and other reference works,
previously meant for the Interdisciplinary Department of In-
formation Science, School of Library and Information Science,
University of Pittsburgh. The following ones are of relevance:
87-124 Stevens, M.E.: Automatic analysis. - 87-125 Vickery,
B.C.: Analysis of information. - 87-126 Daily, J.E.: Descrip-
tive cataloging. - 87-127 Hicks,C.E., Rush,J.E., Strong, S.M.:
Content analysis. - 87-128 Sager,N.: Natural language analysis
and processing. - 87-129 Stevens, M.E.: Automatic analysis.
(Natural language text processing) - 87-130 Artandi, S.: Coor-
dinate indexing. - 87-131 Bernier, C.L.: Subject indexes. -
87-132 Landry, B.C., Rush, J.E.: Automatic indexing: progress
and prospects. - 87-133 Stevens,M.E.: Automatic analysis. (In-
dexing) - 87-134 Daily, J.E.: Authority files. - 87-135 Daily,
J.E.: Subject headings. - 87-136 Foskett, D.J.: Thesaurus. -
87-137 Manheimer, M.L.: Subject headings. - 87-138 Daily,J.E.:
Abstract classification. - 87-139 Daily, J.E.: Classification
and categorization. - 87-140 Daily, J.E.: Natural classifica-
tion. - 87-141 Sparck Jones, K.: Clumps, Theory of. - 87-142
Manheimer, M.L.: Dewey Decimal Classification. - 87-144 Neela-
meghan, A.: Classification, theory of. - 87-145 Stevens, M.E.:
Automatic analysis. (Terminology control)

87-146   07.3
Satija, M.P.: Book review of: Chan,L.M., Richmond, Ph.A., Sve-
nonius, E. (Eds.): Theory of subject analysis. A source book.
Littleton, CO: Libraries Unlimited 1985. 434p. Orig. en. Int.
Classif. Vol 13, No 3, 1986. p.166-168

08 Other Monographs (whole field)

See also 87-179, -182, -205, -207, -208, -249, -271, -277,
        -293, -362, -363, -365, -367, -370, -468

87-147   08.119
Dahlberg, I. (Ed.): Klassifikation als Werkzeug der Lehre und
Forschung. (Classification as a tool in teaching and research)
Orig. de. Frankfurt, DE: INDEKS Verl. 1986. 184p., Studien zur
Klassifikation, Bd.16, ISBN 3-88672-015-2
Collection of selected papers from the annual conferences of
the Gesellschaft für Klassifikation 1983 and 1985 pertaining
to the topics of education and training in the organization
of knowledge and of the significance of classification as a
tool for research purposes. The first one is an introductory
paper. 87-148 Dahlberg, I.: Zur Position der Klassifikation in
der Gegenwart (On the contemporary position of classification)
87-149 Meder,N.: Typologische Klassifikation, didaktische Fra-
gen zur Vermittlung der Struktur feldartiger "Klassifikatio-
nen". (Typological classification, didactic problems of teach-
ing structures of field-like classifications) - 87-150 Löcken-
hoff, H.: Zur Vermittlung von Ordnungswissen insbesondere an
Hochschulen. (On the communication of ordering-knowledge espe-
cially at universities) - 87-151 Ungvary, R.: Die Anwendung

der Thesaurusmethode bei der Vermittlung von Wissen. (The application of the thesaurus method to the communication of knowledge) - 87-152 Greiner, G.: Sachliche Erschließung und Ordnung als Unterrichtsinhalt bei der dokumentarischen Aus- und Fortbildung. (Subject analysis and classification as subject of education and training in documentation) - 87-153 Gödert, W.: Gedanken zur Ausbildung im Fach Bibliothekarische Sacherschließung. (Some thoughts on the contents of teaching subject analysis in library science) - 87-154 Hölzl, J.: Ausbildung in der Warenbeschreibung. (Education in commodity description) - 87-155 Felber, H.; Nedobity, W.: Unterricht in Begriffs- und Themaklassifikation. (Teaching concept- and theme-classification) - 87-156 Nedobity,W.: Psychologische und terminologische Grundlagen der Klassifikation und Wissenstechnik. (Psychological and terminological foundations of classification and knowledge engineering) - 87-157 Lorenz,B.: Systematische Aufstellung in Bibliotheken als Werkzeug wissenschaftlicher Arbeit. (Systematic shelving in libraries as a tool of scientific work) - 87-158 König, G.: Online-retrieval mit der Dezimalklassifikation. (Online-retrieval with the UDC) 87-159 Ohly, H.-P.: Klassifikation in Soziologie und Sozialforschung. (Classification in sociology and social research). 87-160 Schmidt, Klaus: Problems of classification and application of conceptual systems to historical languages. - 87-161 Schnelling, H.: Transparente Indexierungsstrukturen im Fach Literaturwissenschaft. (Transparent indexing structures in the field of literature).

87-165   08.34
Lustig, G.(Ed.): Automatische Indexierung zwischen Forschung und Anwendung. (Automatic indexing between research and application) Orig.de. Hildesheim-Zürich-New York: G.Olms Verl. 1986 182p., 58 refs., Linguistische Datenverarbeitung, Bd.5 ISBN 3-487-07825-2
Eleven contributions are grouped into the following four chapters: 1. An application-oriented conception of automatic indexing. 2. Development of indexing dictionaries. 3. Procedures of automatic indexing. 4. Testing of automatic indexing. - The first chapter was written by G.Lustig and contains two subchapters: 1) Pragmatic preliminaries, 2) A model for error-tolerating procedures of automatic indexing. Chapt.2 contains: 87-166 Lustig, G.: Procedures for the generation of dictionaries. - 87-167 Kienitz-Vollmer, B.; Reichardt, J.: Determination of multiword groups with the aid of the delimiter-procedure. 87-168 Muhler, K.; Repp, J.: The processing of formulae in physics texts. - 87-169 Fuhr, N.; Jäger-Beck, R., Schwantner, M.: The generation of statistical relationships between terms and descriptors. - 87-170 Biebricher,P.; Fuhr,N., Knorz, G., Schwantner, M.: Indexing dictionaries for the subject field of physics. - Chapter 3 has the following subchapters: 87-171 Beinke,-Geiser, U.; Lustig,G., Putze-Meier, G.: Indexing with the system DAISY. - 87-172 Knorz, G.: The application of polynom classifiers for automatic indexing. - Chapt.4 includes the subchapters: 87-173 Biebricher, P.; Fuhr,N., Niewelt, B.: The AIR-retrieval test. - 87-174 Fuhr, N.: Ranking experiments with weighted indexing. - 87-175 Knorz, G.: Questions and problems in the application of automatic indexing.

87-176   08.75
Joyce,J.: Book review of: Cochrane, P.A.: Redesign of catalogs and indexes for improved subject access. Orig. en. Australian Libr.J. Vol 35, No 2, 1986. p.103-104

87-177   08.75
Riesthuis, G.: Book review of: Cochrane, P.A.: Redesign of catalogs and indexes for improved online subject access: selected papers. Phoenix, AZ: Oryx Press 1985. 496p. Orig. en. Int.Classif. Vol 13, No 3, 1986. p.168-169

1 THEORETICAL FOUNDATIONS

11 Order and Classification

See also 87-198

87-178   111
Riedl, R.: Information aus biologischer Sicht. (Information from a biological point of view) Orig. de. Biblos Vol 35, No 1, 1986. p.14-26, 14 refs. The information concept is seen in its relation to the concept of order. Four points are outlined: Order and chaos, order and its development, order and purpose, order and cognition.

87-179   112
Dress, A.; Hendrichs, H., Küppers, G.: Selbstorganisation. Die Entstehung von Ordnung in Natur und Gesellschaft. (Selforganization. Formation of order in nature and society) Orig. de. München-Zürich: Piper 1986. 234p., ISBN 3-492-03077-7

87-180   113
Makarova, R.I.: Issues of classification and typologisation in scientific cognition. Orig.ru. In: Issled.po dialekt.poznaniya Moskva, SU 1985. p.46-53, 10 refs.

87-181   119
Toivonen, A.L.: Role of classification in information systems management. Orig. en. In: Inform.Resources Management. Proc. 6th Nordic Conf.on Inform.& Doc., Aug.19-22, 1985. Helsinki, FI: Yliopistopaino 1985. p.179-182, 4 refs.

12 Conceptology in Classification

See also 87-086, -87-118, -87-193

87-182   122
Sowa, J.F.: Conceputal structures: Information processing in mind and machine. Orig. en. Reading, MA: Addison-Wesley 1984. 495p., The systems programming series, ISBN 0-201-14472-7 Book review by Sharon Salvetor, Boston, in Comput.Linguistics 12(1986)No.3, p.218-219 and by W.J.Clanay, in Artificial Intelligence, 27, No.1, p.113-124

87-183   123
Akhmedi, Dzh.T.; Abbasov, A.F.: The relationship of basic concepts and principles in the systems-integrality problem area. Orig. ru. Nauch.-tekhn.revolyuts.i razvitie nauch.pozn., No 1, 1985. p,152-161, 20 refs.

87-184   124
Dahlberg, I.: Wissensorganisation und Wissensrepräsentation. (Knowledge organization and knowledge representation) Orig.de. Mitt.Ges.f.Bibliothekswes.u.Dokument.d.Landbaues, No 40, 1986. p.55-63, 16 refs.
Attempt at looking after the apparent overlaps of both fields of activity and to pinpoint the concequences of the existing "know-how" of each of these fields in terms of a possible mutual assistance of people involved.

87-185   124
Nakashima, H.: Knowledge representation in logical formalisms. Orig.ja. Zyoho syori Vol 26, No 12, 1985. p.1512-1519, 31 refs.

87-186   124
Ishizyka,M.: Representation and utilization of ambiguous knowledge. Orig.ja. Zyoho syori 26(1985)No 12, p.1481-1486, 27 refs.

87-187   124
Sosinska, B.: Knowledge representation in document information systems. Orig.pl. Zag.inform.nauk, No 1,1985. p.19-45, 16 refs.

14 Systems Theory in Classification

See also 87-088 - 87-113

87-188   141; 06.85-11-25/27
Ladenko, I.S.(Ed.): Modelling and optimisation of information processes in an advanced socialist society: Systems analysis and modelling. Orig. ru. Novosibirsk, SU 1985. 240p. The collection includes paper abstracts on 1) Methodological problems and methods of systems analysis, 2) Methodology of the systems analysis of scientific knowledge in management and engineering and educational practice, 3) Methodology of organisation of intellectual systems and computer applications. 87-188a Petrova,G.I.: Systems analysis as an expression on the essence of the thinking of modern science. - 87-188b Nikanorov, S.P.: Some trends in the evolution of systems theory. 87-188c Shcherbakov, A.I.: On the systems analysis methodology. 87-188d Kreminskij, A.I.: Thinking styles and features of the relationship between mathematical modelling and simulation. 87-188e Karimov, B.R.: Systems analysis of objects and methods of abstraction, idealisation and mental experiments. 87-188f Gus'kova, I.M.: A systems representation of complex objects. 87-188g Nikitina,N.K.; Tsfsman,M.A.: Design apparatus for conceptual descriptions of complex objects. 87-188h Minos'yants, A.Yu.: An attributive method of complex systems representation. 87-188i Grazhdannikov,E.D.: The method of systemic classificatory analysis of concepts. - 87-188j Kocherga, Yu.L.: Using experimental data to construct mathematical models of interrelated variables for forecasting. - 87-188k Belova, N.V.: Analysis of language in logic and semiotics. - 87-188m Gubakov,V.I. Ozhogin, V.I.: On structural modelling of the sign. - 87-188n Sidorina, T.Yu.: The scientific theory as a systems research object. - 87-188o Burgin, M.S.; Kuznetsov, V.I.: Systems components of the scientific theory and their evolution. 87-188p Mitrofanova,S.S.: Systems preconditions for constructing classification models. - 87-188q Nesvetajlova,E.P.: Semiotic tools of modelling in linguistics. 87-188r Geronimus, Yu.V.: Simulation and the systems nature of management. - 87-188s Korennoj, A.A.; Logvinova,D.M.: Cluster analysis as a scientific systems modelling tool. 87-188t Ivonin, Yu.P.: Systems studies of culture and information. - 87-188u Ladenko, I.S.: A universal model of intelletual potential management. 87-189 Liders, A.G.: Logic, semantics and psychology in the study of intelligence and thinking. - 87-190 Olitskij, A.A.: Determination forms of cognitive processes in intelligent systems. - 87-191 Drozd, S. S.: Logical modelling of thinking on the basis of systems approach. - 87-192 Polishchuk, Yu.M.: Systems analysis in semio-

tic modelling. - <u>87-193</u> Gorokhov, A.S.: Modelling the informa-
tion creation mechanism in intelligence systems. - <u>87-193a</u>
Kryukov, I.A. et al: An online system for designing conceptual
descriptions of complex objects. - <u>87-194</u> Zagorul'ko, Yu.A.:
Tools for representation and processing of conceptual informa-
tion in modelling systems.

87-195   141
Kochergin, A.N.(Ed.): <u>The problems of systems research</u>.
Orig.ru. Novosibirsk, SU: Universitet 1985. 167p.
Focus on systems approach in the social sciences. Classifica-
tion systems are examined as specific and relatively autono-
mous objects and their role in cognition of reality is dis-
cussed, for instance in <u>87-196</u> Mitrofanova, S.S.: A natural
classification system as a phenomenon of culture. - <u>87-197</u>
Bokij, G.V.: The role of the classification system in acquir-
ing new scientific knowledge.

87-198   141
Sariev, G.Dzh.: <u>Toward the problem of non-one-level definition
of a system</u>. Orig. ru. Nauch.-tekhn.revoluts.i razvit.nauch.
pozn., No I, 1985. p.162-173, 16 refs.

87-199   141
Rahmatian,S.: <u>The hierarchy of objectives: toward an integrat-
ing construct in systems science</u>. Orig. en.
Systems Research Vol 2, No 3, 1985. p.237-245, 56 refs.

87-200   148-4; -73
Auger, P.: <u>Dynamics in hierarchically organized systems: a ge-
neral model applied to ecology, biology and economics</u>. Orig.en.
Systems Research Vol 3, No 1, 1986. p.41-50, 27 refs.

15 Psychology and Classification

87-201   152
Seitelberger, F.: <u>Informationsverarbeitung im Nervensystem</u>.
Funktionell-neuroanatomische Grundlagen. (Information process-
ing in the nervous system. Functional-neuro-anatomic founda-
tions) Orig.de. Biblos Vol 35, No 1, 1986. p.27-35, 6 refs.

87-202   157
Suwa, M.: <u>The historical background and technical trends of
knowledge engineering</u>. Orig.ja. Zyoho syori Vol 26, No 12,
1985. p.1463-1467, 24 refs.

87-203   157
Shimura, M.: <u>Knowledge engineering</u>. Orig. ja.
Zyoho syori Vol 26, No 12, 1985. p.1457-1462, 5 refs.

87-204   157
Tou, J.T.: <u>Knowledge engineering revisited</u>. Orig.en. Int.J.
Comput.& Inform.Sci. Vol 14, No 3, 1985. p.123-133, 9 refs.
Discussion and comparison of design principles of rule-based
IR expert systems. A number of key problems in IR may be solv-
ed by knowledge engineering, such as knowledge preservation,
proliferation, dissemination and application. Knowledge can be
classified as 1) Factual, 2) procedural, and 3) judgmental
knowledge. Hierarchical, relational, and network kinds of
knowledge representation are discussed.

16 Development of Science and Classification

87-205   161
Abdylbaev, T.A. (Ed.): <u>Towards the methodology of scientific
knowledge</u>. Orig. ru. Frunze, SU: Ilim 1985. 147p.

87-206   1627
Karateev, V.P.: <u>The scientist's activity and the unity of sci-
entific knowledge</u>. Orig.ru. In: NTR i dukhov.pr.-vo. Ul'ya-
novsk, SU 1985. p.46-49, 13 refs.

87-207   163
<u>Methodological problems of technical sciences</u>. Orig. ru.
Moskva, SU: Tsentr.Sov.Filos.Metodol.Semin.pri Prezidiume AN
SSSR 1985. 173p.

87-208   163
Abdil'din, Zh.M. (Ed.); Nasynbaev, A.N. (Ed.): <u>Methodological
problems in the evolution of scientific knowledge</u>. Orig. ru.
Alma-Ata, SU: Nauka 1985. 160p.

87-209   164
Raving, S.A.: <u>A search for inner pattern in knowledge evolu-
tion: the essence and significance</u>. Orig.ru. Sovrem.nauka i
zakonomernosti ee razvitiya, No I, 1984. p.27-33, 11 refs.

17 Problems in Classification

87-210   174
Valovicova, A.: <u>Present problems of the documentary languages
of INFORMOOS</u>. Orig.sk. Knizn.ved.inform., No 3,1986. p.115-8

19 History of Classification

87-212   192
Yanagi,Y.; Fukuda, O., Maruyama, Sh.: <u>Classification</u>. Orig.ja.
Dokumentesyon kenkyu Vol 35, No 9, 1985. p.501-507, 9 refs.

87-213   194
Danesi, D.: <u>From the history of libraries to the history of
librarianship</u>. Orig. it. Boll.Inform.Assoc.Ital.Bibl. Vol 25,
No 2, 1985. p.153-160, 2 refs.
The history of the adoption of the Dewey and Cutter Classifi-
cations in Italy is examined a.o.

2 STRUCTURE AND CONSTRUCTION OF CS & T

21 General questions of CS & T

87-214   211
Agofonov, V.N.: <u>About basic concepts in the definition of ind-
exing languages</u>. Orig.ru. Nauchno-tekhn.inform.,Ser.2, No 11,
1985. p.1-6, 16 refs.

87-215   211
Wolff-Terroine, M.: <u>Le thésaurus: une vieille histoire?</u> (The
thesaurus: an old story?) Orig.fr. Lettre d'Inforcom, No 22,
1986. p.8-9

87-216   214
Lee,Huei-chung: <u>An overview of thesaurus structure, construct-
ion and use</u>. Orig. ch.
Bull.Libr.Assoc.of China, No 37, 1985. p.115-127, 7 refs.

87-217   219
Andrian, A.C.: <u>A systematic classification or classification
by descriptors? Part 1</u>. Orig. ro, en.
Probl.inform.si doc. Vol 19, No 3, 1985. p.82-95

22 Elements of CS & T

87-218   221
Harris, K.: <u>Part-controlled vocabulary for literature studies</u>.
Orig.en. Int.Classif. Vol 13, No 3, 1986. p.133-136, 18 refs.

87-219   223
Tomasik-Beck, J.: <u>A semantic/syntactic analysis of technical
terminological phrases used in Polish thesauri</u>. Orig. pl.
Pr.IINTE, No 53, 1985. p.1-62

87-220   223
Varet, G.: <u>Index et contexte en signalétique de l'information</u>.
(Index and context as information carriers) Orig. fr.
Method.Inform.Phil., No 1, 1985. p.11-3D

87-222   227
Cheti, A.: <u>The handling of compound terms</u>. Orig. it.
Biblioteche Oggi Vol 4, No, 1, 1986. p.49-67, 29 refs.

23 Construction of CS & T

See also 87-195, -87-198

87-223   232
Sapelkin, V.S.: <u>Design criteria for subject heading lists as
logical frames for a systems description of new technology ob-
jects</u>. Orig.ru.
Nauchno-tekhn.inform., Ser.1, No 10, 1985. p.25-28, 6 refs.

87-224   232; 396
Svenonius,E.: <u>Unanswered questions in the design of controlled
vocabularies</u>. J.ASIS Vol 37, No 5, 1986. p.331-340, 35 refs.
The issue of free-text versus controlled vocabulary is examin-
ed. The history of the issue, which is seen as beginning with
the debate over title term indexing in the last century is re-
viewed. Attention is turned to questions which have not been
satisfactorily addressed by previous research. These questions
need to be answered before the design of retrieval tools can
be based on a rational basis.

87-225   233; 448
Goossens, P.: <u>The creation of a multi-lingual subject heading
scheme based on the LCSH</u>. Orig.en. In: Liebaers, H.(Ed) et al:
New information technologies and libraries. Proc.Advanced Res.
Workshop, Luxembourg, Nov.1984. Dordrecht, NL: Reidel 1985.
p.185-191, 15 refs.

87-226   234
Furalev,O.A.; Zevalina-Blokh,B.V.: <u>On the problem of accessing</u>

dictionary facilities of the language tools of the GPNTB USSR computer-based information system. Orig.ru. In: Probl.soversh. inform.-bibl.obsluzh. Moskva, SU 1985. p.148-155, 5 refs.

87-227   237
Batty, D.: Microcomputers in index language design and development. Orig.en. Microcomputers for Inform.Management Vol 1, No 4, 1984. p.303-312

87-228   237
Haynes, D.: Thesaurus construction using a micro. Orig. en. Libr.Micromation News, No 13, 1986. p.8-12

87-229   237
Richer, P.: La création automatique d'un thésaurus de recherche. (Automatic creation of a retrieval thesaurus) Orig.fr. Argus Vol 15, No 1, 1986. p.13-19, 7 refs.

87-230   237
Shaikevich, A.Ya.: Constructing a thesaurus by computer on the basis of natural language dictionaries. Orig. ru. Nauchno-tekhn.inform.,Ser.2, No 4, 1985. p.12-19, 15 refs.

24 Relationships

87-231   241
Nikitina, S.E.: Classifying thesaurus relationships. Orig. ru. In: Teoriya i prakt.nauchn.-tekhn.perevoda. Moskva, SU 1985. p.262-264

87-232   242
Kharin,N.P.: A statistical model of paradigmatic relations for document retrieval systems using a logical relevance criterion. Orig.ru. In:Probl.sozdaniya i premineniya dialog.inform.sistem v avtomatizir.org.upr. Ch.1. Tallin,SU 1985. p.48-53, 15 refs.

87-233   242
Khoroshilov,A.A.: Automating the process of establishing paradigmatic relationships between words and phrases. Orig. ru. Vopr.inform.teorii i prakt., No 53, 1985. p.51-56

87-234   242
Wereszczyska-Cislo, B.: Associative relationships in information languages. Orig.pl. Zag.inform.nauk., No 1, 1985. p.69-82, 31 refs.

87-235   242
Dvoryanskij, V.M.; Zhogov, G.V., Koltyn, A.Ya.: Quantitative estimates of paradigmatic relations and their use in document retrieval systems. Orig. ru. Nauchno-Tekhn.Inform.,Ser.2, No 10, 1985. p.6-16, 6 refs.

87-236   243
Bielicka, L.A.: Grammatic principles in descriptor languages. Orig. pl. Pr.IINTE, No 54, 1985. p.1-44

87-237   243
Sil'dmyae, I.Ya.: Role structures in knowledge representation and dialogue systems. Orig. ru. Izv.AN SSSR: tekhn.kibernet., No 5, 1985. p.83-89, 18 refs.

87-238   244
Uryson, E.V.; Gorelik, M.G.: Resolving lexical units' polysemy in IR thesauri. Orig. ru. Nauch.-tekhn.Terminol., No 2, 1986. p.9-14

87-239   247.75
Chil'dinov, M.D.: Query optimisation in relational databases. Orig.ru. In: Probl.sozdaniya i premineniya dialog inform.sistem v avtomatizir.sistemakh org.upr. Ch.1. Tallin, SU 1985. p.54-56

25 Numerical Taxonomy

See also 87-080

87-240   252
Vogel, F.: Ein Beitrag zur Theorie "weicher Systeme": Die Komparatisierung metrischer Merkmale. (A contribution to the theory of "Soft Systems": making metrical variables comparable) Orig.de. In: Beiträge zur Systemforschung. Festschrift Adolf Adam. Wien-New York: Springer Verlag 1985. p.314-333

87-241   253
Goetschel,R.,Jr.; Voxman,W.: Optimal clustering in graphs with weighted edges: a unified approach to the threshold problem. Orig.en. J.ASIS Vol 38, No 1, 1987. p.13-20, 6 refs.

87-242   253
Ismail, M.A.; Selim, Sh.Z.: Fuzzy c-Means: optimality of solutions and effective termination of the algorithm. Orig. en. Pattern Recognition Vol 19, No 6, 1986. p.481-485, 7 refs.

87-243   254
Adams, E.N.III: N-trees as nestings: complexity, similarity, and consenses. J.Classif. 3(1986)No 2, p.299-317, 11 refs.

87-244   254
Barthélemy, J.-P.; McMorris, F.R.: The Median Procedure for n-trees. Orig.en. J.Classif. Vol 3, No 2,1986. p.329-34, 6 refs.

87-245   254
Constantinescu,M.; Sankoff, D.: Tree enumeration modulo a consensus. J.Classif. Vol 3, No 2, 1986. p.349-356, 14 refs.

87-245a   224
Lerman,I.C.: Classification hierarchique: un exemple traité "à la main". (Hierarchical classification: an example of "manual" processing) Orig.fr. Inform.et Sci.Hum. 15(1985)No 66, p.41-63

87-246   254
Rousseeuw, P.J.: Visual display for hierarchical classification. Orig.en. Delft, NL: Techn.Hochschule 1985. 30 p. NTIS N86-16985/1/GA

87-247   255
Cerella, J.: Pigeons and perceptrons. Orig. en. Pattern Recognition Vol 19, No 6, 1986. p.431-438, 17 refs. Investigations with laboratory pigeons which are able to classify images into natural categories such as people, trees, fish, etc. A second series of experiments revealed that feature detection was translation invariant: responding extended to any permutation of the feature set.   (Author, abbr.)

87-248   255
Hathaway,R.J.; Bezder, J.C.: Local convergence of the fuzzy c-Means algorithms. Pattern Recognition 19(1986)No 6, p.477-480, 14 refs.

87-249   255
Young, T.Y.; Ku, K.-S.: Handbook of pattern recognition and image processing. Orig. en. London, GB: Academic Press 1986. 728p., ISBN 0-12-774560-2

87-250   258-813
Simeon, V.; Momčilović, B., Kralj, Z., Grgas,B.: Multivariate statistical analysis of the bibliographic output from a research institution, in relation to the measures of scientific policy. Orig.en. Scientometrics Vol 9, No 5-6, 1986. p.223-230 13 refs.

87-251   259
Day, W.H.E.: (Issue Foreword:) Comparison and consensus of classifications. J.Classif. 3(1986)No 2, p.183-185, 19 refs.

87-252   259
Barthélemy, J.-P.; Leclerc, B., Monjardet, B.: On the use of ordered sets in problems of comparison and consensus of classifications. J.Classif. Vol 3, No 2, 1986. p.187-224, 84 refs.

87-253   259
Faith, D.P.; Belbin, L.: Comparison of classifications using measures intermediate between metric dissimilarity and consensus similarity. J.Classif. 3(1986)No 2, p.257-280, 27 refs.

87-254   259
Neumann, D.A.; Norton, V.T.,Jr.: On lattice consensus methods. Orig.en. J.Classif. Vol 3, No 2, 1986. p.225-255, 11 refs.

87-255   259
Neumann, D.A.; Norton, V.T.,Jr.: Clustering and isolation in the consensus problem for partitions. Orig. en. J.Classif. Vol 3, No 2, 1986. p.281-297, 13 refs.

87-256   259
Stinebrickner, R.: s-Consensus index method: an additional axiom. J.Classif. Vol 3, No 2, 1986. p.319-327, 10 refs.

27 Revision, Updating, Storage
& Maintenance

87-257   272
Kireev, L.N.: Automated maintenance of classifiers for multi-user automated workplaces. Orig.ru. Klassifikatory i dok. No.11, 1985, p.26-30
The proposed organisational and technical principles offer a number of advantages such as the speed of the classification key correction, protection from unsanctioned changes, ease and simplicity of operation for laymen, etc.

87-258   276
Morgan, L.: Word Finder: an automated thesaurus. Orig. en. Online Review Vol 10, No 2, 1986. p.99-101
The package worked well with WordStar word-processor software. Word Finder runs on IBM/PC/ATs and compatibles and on CP/M computers. It will be of help to those who write at a keyboard und who often refer to a thesaurus.

28 Compatibility and Concordance between CS & T

87-259   281
Artowicz, E.: Possibilities for information languages integra-
tion with special reference to a descriptor language and a
subject catalogue language. Orig. pl.
Zag.inform.nauk., No 1, 1985. p.47-68, 9 refs.

29 Evaluation of CS & T

87-260   292
Hiresova, Z.: The study of documentary languages in the infor-
mation centers of the Czecho-Slovac Academy of Sciences.
Orig. cz, sk?. Knižnice ved.inform., No 3, 1986

87-261   293
Keite, R.: Seit dreißig Jahren: Die ASB und Probleme ihrer An-
wendung. (For thirty years: the General Classification Scheme
for Libraries (ASB) and problems of its application) Orig. de.
Buch und Bibliothek Vol 38, No 5, 1986. p.441-450, 28 refs.

87-262   293
Zeng, Lei: Quality evaluation and improvement of the Chinese
Thesaurus. Orig.ch. J.China Society for Scientific & Techn.
Inform. Vol 4, No 3, 1985. p.193-201, 209
An overall quality appraisal of various word lists published
in China, particularly the "Chinese Thesaurus" recommended as
a national standard was carried out by the author. The evalua-
tion set off from the vocabulary and display of conceptual re-
lationships in a quantitative and qualitative analysis of
scores of thesauri available in Chinese and in foreign lan-
guages, in order to prove the inadequacy of the thesaurus men-
tioned above on the basis of statistics and examples. Measures
for its improvement are indicated.   Author, abbr.

87-263   295
Dodd,S.A.; Sandberg-Fox, A.M.: Subject cataloging (Microcompu-
ter files). Orig.en. In: Cataloging Microcomputer Files. A ma-
nual of interpretation for AACR2. Chicago, IL: Amer.Libr.Assoc.
1985. p.180-187
The chapter examines the two most commonly used subject head-
ings in the US - LCSH and Sears.

87-264   295
Ruchinskaya, E.M.: Contractive analysis of extracts from the
Central Patent Library and GPNTB subject heading languages.
Orig.ru. In: Probl.soversh.inform.i bibl.obsluzh.. Moskva, SU
1985. p.158-172, 21 refs.

87-265   295
Saraeva, G.A.: Contrasting indexing languages with special re-
ference to the linguistic sublanguages of the LBC and the GPB
subject catalogue indexing language. Orig.ru. Predmet.poisk v
tradits. i netradits. inform.-poisk. sistemakh, No 5, 1985.
p.131-142, 14 refs.

87-266   296
Andrian, A.C.: Systematic vs.descriptor classifications, Pt.2.
Orig.ro, en. Probl.Inform.si Doc. Vol 19, No 4, 1985, 17 refs.

3 CLASSING AND INDEXING

31 Theory of Classing and Indexing

87-267   315
Hou,Han-ching: On citation order in subject indexing. Orig.ch.
J.China Soc.Scient.& Techn.Inform. 4(1985)No 3, p.231-238
The paper explains the meaning, nature and necessity of cita-
tion order in subject indexing, gives a brief account of the
development of citation order abroad, and analyses and discus-
ses two major viewpoints included in the subject facet coordi-
nation formula given in the "Regulations for Subject Indexing
of Documents" (GB386D-83). Comments also on the study of cita-
tion order in subject indexing of book literature in Chinese
presently underway.   Lei Zeng

87-268   318.757
Borko, H.: Expert systems applied to library cataloging. FID/
CR Panel Remarks. Int.Classif. Vol 13, No 3, 1986. p.154

32 Subject Analysis

87-269   321
Praijskij, V.L.; Prizment, E.L., Sakharnyj, L.V.: General re-
quirements for documents' subject analysis. Orig. ru.
Sov.bibliogr., No 1, 1986. p.34-44
Examines the standard GOST 7.45-84 "Subject analysis of docu-
ments: General requirements", in force since Jan.1, 1985.

87-270   322
Rudolf,D.: Zur Faktenextraktion aus der Weltliteratur. (On the
extraction of facts from the world's literature) Orig. de.
Informatik Vol 32, No 4, 1985. p.13-16
Discussion of the concept of "fact" in terminological terms.
The study involved the extraction of facts by various aspects
and the various forms and types of fact representation.

87-271   322
Terekhina,A.Yu.: Data analysis by multivariate scaling methods.
Orig.ru. Moskva, SU: Nauka 1986. 167p.

87-272   323; 99
A new GOST for subject analysis. Orig.ru. Predmet.poisk v tra-
dits.i netradits.inform.-poisk.sistemakh, No 5, 1985. p.143-44

87-273   323
Beatty, S.: An experiment in enhanced subject access. Orig.en.
Cataloguing Australia Vol 11, No 4, 1985. p.86-95, 6 refs.

87-274   323
Eichinski, G.: Enhancing subject data - talk or action.
Cataloguing Australia Vol 1, No 4, 1985. p.9-18, 28 refs.

87-275   328
Borisova,L.P.: Subject analysis of reference-bibliographic li-
terature in the BAN, USSR Academy of Sciences. Orig.ru. Pred-
met.poisk v tradits.i netradits.inform.-poisk.sistemakh, No 4,
1984. p.22-35, 7 refs.

33 Classing and Indexing Techniques

See also 87-445, 87-446

86-276   333
Acton, P.: Indexing is not classifying - and vice versa. Orig.
en. ARMA Quarterly 20(1986)No.3, p.10-15

87-277   337
Dykstra, M. (Ed.): PRECIS: Recent applications. Halifax, NS:
Dalhousie University. School of Library Service 1986. 132 p.
ISBN 0-7703-0182-7
Collection meant as an offer of a representative sampling of
those "pockets of activity" which have involved PRECIS recent-
ly. The stress was laid on practical applications. Introduct-
ion by M.Dykstra. 86-278 Cain, J.: PRECIS at UTLAS (University
of Toronto Library Automation Systems). - 87-279 Chor, L.:
PRECIS: Report on Chinese entries. - 87-280 Dykstra,M.: FORMAT:
Connecting Canada's audiovisual information. - 87-281 Smith,F.
An inhouse PRECIS system for support in education. - 87-282
Chipman, A.: Access to picture collections using PRECIS.

87-283   337
Congreve, J.: Browsing through PRECIS: Structured subject ac-
cess in an online catalogue. Orig. en. In: Kensella, J. (Ed.):
Online Public Access to Library Files. Second National Conf.
(April 1986). Oxford, GB: Elsevier 1986. p.67-77, 2 refs.

87-284   337
Mao, Ching-chen: From theory to practice - Preserved Context
Index System (PRECIS). Orig.ch. J.Educ.Media & Libr.Sciences
Vol 23, No 1, 1985. p.86-102, refs.

34 Automatic Classing and Indexing

See also 87-165, 87-175

87-286   342
Akhmedzhanov,M.S.; Polikarpov,A.A.: Automatic associative ana-
lysis of terms using two varieties of the distributive-statis-
tical method. Orig.ru. Nauch.-tekhn.Terminol., No 8, 1985.
p.11-14, 4 refs.

87-287   342
Grishman, R.; Hirschman, L.; Nhan, Ngo Thanh: Discovery proce-
dures for sublanguage selectional patterns: Initial experi-
ments. Computat.Linguistics 12(1986)No 3, p.205-215, 19 refs.

87-289   343
Lustig, G.: Zur Pilotanwendung AIR/PHYS der automatischen In-
dexierung. (On a pilot application of AIR/PHYS in automatic
indexing) Orig. de. In: Endres-Niggemeyer, B.(Ed); Sprachver-
arbeitung in Information und Dokumentation. Proc.Jahrestagung,
GLDV, Hannover, 5.-7.3.85. Berlin, DE: Springer Verl. 1985.
p.191-202, 18 refs.

87-290   3435
Wingert, F.: An indexing system for SNOMED. Orig. en.
Meth.Inform.in Medicine Vol 25, No 1, 1986. p.22-30, 9 refs.
Description of a system for automated indexing based on the
Systematized Nomenclature of Medicine (SNOMED). The fundamen-
tal algorithms are independent of SNOMED and can also be im-

plemented for other target languages. Evaluates the possibili-
ty of processing routine data with a sufficiently high degree
of correct indexing.   (Author, abbr.)

87-291   3439
Belonogov,G.G.; Zagika,E.A., Kuznetsov,B.A. et al.: Automatic
indexing of documents. Drig. ru.
Vopr.inform.teorii i prakt., No 53, 1985. p.57-61
Describes VINITI's system of automatic indexing.

87-292   3439
Krichevskij, V.K.: Creation of databases with automatic index-
ing based on the Poisk-1.2 software package. Orig. ru.
Vopr.Inform.teorii i prakt.Moskva, SU 1985. p.97-180, 3 refs.

87-293   345
Craven,T.C.: String indexing. Orig.en. Orlando, etc.: Academic
Press 1986. 246p., refs.p.237-245, ISBN 0-12-195460-9
The volume includes the following 9 chapters: Introduction.
Survey of string indexing systems and their relatives. Input.
Indexer aids. The syntax of index strings. Other aspects of
index strings. Cross-references, sorting, and formatting.
Selection and evaluation. The future of string indexing. There
are 4 appendices: Glossary. A Case study of String Indexing.
A brief manual for composition of NEPHIS input strings. Some
organizations involved in string indexing. - Bibliography.
Index.

87-294   348
Kuznetsov, B.A.; Uklonskaya, E.P.: An experiment in automatic
document classification. Orig. ru. Vopr.inform.teorii i prakt.
No. 53, 1985. p.115-118, 2 refs.

87-295   348
Rybin, I.A.: Applying the method of successive computations to
automatic classification. Orig. en.
Automation and Remote Control Vol 47, No 1, 1986. p.114-120

36 Coding

87-296   368-26
Ugi,I.K.; Brandt,J., Scholley, A.v.: Hierarchisch strukturier-
te Speicherung und Ermittlung von chemischen Reaktionen.
(Hierarchically structured storage and retrieval of chemical
reactions) Orig. de. Garching, DE: TU München. Organ.-chem.In-
stitut 1985. 190p., BMFT-FB-ID-85-005

38 Index Generation and Programs

See also 87-447

87-297   387
Bol'shakov, N.I.: A descriptor language for interactive IR sys-
tems' command languages and its representation in the MINIMAX
DBMS. Orig.ru. Sb.tr.VNII prikl.avtomatiz.sistem, No 2, 1985.
p.34-38, 11 refs.

87-298   388-26
Pao, M.L.: Problems of creating an index of piezoelectric com-
pounds on System 1022. Orig.en. In: Proc.National Online Meet-
ing 1984. Medford,NJ: Learned Information Inc. 1984. p.279-286

39 Evaluation of Classing and Indexing

See also 87-224

87-299   394
Pritchard,S.: Subject access in the LOCIS environment (Library
of Congress Information System). Orig. en. In: Automation in
the Library of Congress: Inside Views. Washington, DC: Library
of Congress Professional Assoc. 1986. p.27-30

87-300   396
Pao, M.L.; Fu, T.T.W.: Titles retrieved from MEDLINE and from
citation relations. Orig.en. In: Proc.48th ASIS Annual Meeting
1985, Las Vegas, Nev., 20-24 Oct.1985. White Plains, NY: Knowl-
edge Indsutry Publ. 1985. p.120-123, 7 refs.

4 ON UNIVERSAL SYSTEMS

41 On Universal CS & T in General

See also 87-211

87-301   415
Moravcsik,M.J.: The classification of science and the science
of classification. Orig. en.
Scientometrics Vol 10, No 3/4, 1986. p.179-197, 4 refs.
With a view toward a system of science indicators which is
flexible, appropriate, and unambiguous, a brief discussion is
given of the theory of classification. This is then applied to

three situations arising in input indicators for science, and
it is shown how the presently used formalism for such indica-
tors could be improved and thus eliminate unnecessary disputes
in the practical application of such indicators.   (Author)

87-302   417
Rumyantseva, N.L.; Zyablova, L.E.: Comparative study of index-
ing languages of different types. Orig. ru.
Nauchno-tekhn.Inform.,Ser.2, No 11, 1985. p.18-22, 4 refs.
Compares hierachic, facet classifications and a descriptor IR
language in the building trade by examples of indexing in
terms of IPC, UDC and a description language of three patent
specifications.

87-303   418-51/4
Micco,H.M.: A comparison of subject access systems in medicine
LCSH, MeSH, PRECIS. Orig.en. In: Proc.48th ASIS Annual Meeting.
Las Vegas, Nev., 20-24 Oct.1985. White Plains,NY: Knowledge
Industry Publ. 1985. p.41-53

87-304   418-69; -92
Lee, C.F.: A comparative study on the three popular Chinese
book classification schemes. Orig.ch. J.Hong Kong Libr.Assoc.,
No 9, 1985. p.81-94, 7 refs.

87-304a   418-93; 448; 337
Beversdorf Gabbard,P.: LCSH and PRECIS in music: a comparison.
Orig.en. Libr.Quarterly Vol 55, No 2, 1985. p.192-206

42 On the Universal Decimal Classification (UDC)

See also 87-159

87-305   42.23
Orlinkova, O.L.: Compilation of problem-oriented working UDC
schedules. Orig.ru. Nauch.i Tekhn. Biblioteki SSSR, No 3, 1986.
p.19-29

87-306   42.37
Cullen, T.: Have UDC, will travel. Pt.2: Being there. Orig.en.
State Librarian Vol 34, No 1, 1986. p.11-13, 5 refs.
Report of a visit to Ethiopia to set up a project for the re-
classification of the holdings in the library and information
processing unit of the Intern. Livestock Centre for Africa.

87-307   42.43
Chatterjee,A.; Choudhury, G.G.: UDC: International Medium Edi-
tion - English text. A critical appraisal. Orig. en.
Int.Classif. Vol 13, No 3, 1986. p.137-141, 4 refs.
Review particularly of the changes in the new Medium Edtion.

87-308   42.812
Zajdberg, Kh.M.: Optimisation of the branch-oriented structure
of classificatory indexing languages as a means of improving
the quality of the scientific-technical library classified ca-
talogue. Orig.ru. In: Probl.soversh.inform.-bibl.obsluzh. Mos-
kva, SU 1985. p.112-129, 10 refs.

87-309   42.91; 925
Meink, P.: Änderungen der Organisationsform nationaler und in-
ternationaler DK-Gremien. (Changes in the organisational form
of national and international UDC committees) Drig.de.
OK-Mitt. Vol 30, No 6, 1986. p.19-22
Reports 1) on changes in the national organisational form of
work in the field of standardization in classification and
the UDC, and 2) of changes that have taken place at the FID.

87-310   42.98
Bauer,I.; Dolezal,V.: UDC in the libraries of Zagrev. Orig.sh.
Informatologia Yugoslavica Vol 17, No 3/4, 1985. p.267-274

43 On the Dewey Decimal Classification (DDC)

87-311   43.07
Satija, M.P.; Comaromi, J.P.: Introduction to the practice of
Dewey Decimal Classification. Orig. en. London, GB: Oriental
University Press 1987. 164p., ISBN 0-7465-0065-3
The book provides a complete course to train students in the
techniques of number building involving the use of auxiliary
tables and multiple synthesis. To avoid verbosity the number
building has been depicted through equations and facet formu-
lae. (Text based on the 19th edition of the DDC). (Preface)

87-312   43.27
Satija,M.P.: Internationalization of the Dewey Decimal Classi-
fication. Orig.en. Libra 22-23(1984-85/85-86)p.19-26, 12 refs.
Describes various methods adopted by Forest Press and DCEPC to
broaden the DC schedules to make DC international in scope
and use.   Author

87-313   43.272
African Studies Assoc.Committee protests DDS schedule changes
(for South Africa). Libr.J. Vol 111, Oct.15, 1986. p.16-17

87-314   43.75
Markey, K.: Overview of Dewey Decimal Classification (DDC) On-
line Project. FID/CR Panel Remarks, Sept.13, 1986. Orig. en.
Int.Classif. Vol 13, No 3, 1986. p.154-156

87-315   43.75
Sweeney, R.: Book review of: Markey, K., Demeyer, A.N.: Dewey
Decimal Classification Online Project: evaluation of a library
schedule and index integrated into the subject searching capa-
bilities of an online catalog. Dublin,OH: OCLC 1986. 382p.+app.
Orig.en. Program Vol 21, No 1, 1987. p.74-77, 2 refs.

87-316   43.79
Memeni,M.K.: Adaptations of DOC (Dewey Decimal Classification)
in the Middle East. Urbana-Champaign,IL: Illinois University
1985. 44p., Occasional Paper No.170, ERIC: ED 262 825

44 On the Library of Congress Classification

and on the Library of Congress Subject Headings **(LCC)**

See also 87-319, 87-462

87-316   44.6-92
Igbinosa, I.O.: The classification of African literature with
the Library of Congress Classification scheme: problems and
prospects. Bendel Library J. 7(1984)No 1, p.26-32, 5 refs.

87-317   44.75
Chan,L.M.: Library of Congress Classification as an online re-
trieval tool: potentials and limitations. Orig. en.
Inform.Technol.Libr. Vol 5, 1986. p.181-92

87-318   448.213
Libero, P.: LCSH tapes and authority control at WAIT. Orig.en.
Cataloguing Australia Vol 11, No 1, 1985. p.8-12, 1 ref.

87-320   448.6-984
Weinberg,B.H.: JEWS-DASH: Library of Congress subject headings
for Judaica. Orig.en. Judaica Librarianship 2(1985)No 1-2,
p.20-25, 8 refs.

87-321   448.98
Ludy, L.E.: OSU libraries' use of Library of Congress Subject
Authorities File. Inform.Technol.& Libr. 4(1985)No 2, p.155-60
Description of an experiment of the Ohio State University
(OSU) Libraries in applying the LC Subject Autority File (SAF)
to its online public access catalogue.

See also 87-225

46 On the Colon Classification (RCC)

87-322   46.07
Nagadyotsna, D.: Book review of: Satija, M.P.: Manual of Prac-
tical Colon Classification. New Delhi: Sterling 1984. Orig.en.
Libr.Herald Vol 25, No 2-3, 1986. p.155-156

87-323   46.1
Sharma, C.L.: Relevance of Ranganathan's Fundamental Catego-
ries: A critical approach. Orig.en. In: Gupta, P.K., Pawan, U.
(Eds.): Library and Information Science. Current Trends in In-
dia: Prof.S.N.Srivastava Festschrift. Jaipur: RBSA Publ. 1986.
p.208-220, 29 refs.

48 On Other Universal Systems

See also 87-079

87-324   482
Belozerov,V.N.: The GASNTI pansystemic classification language
Orig.ru. Klassifikatory i dok., No 11, 1985. p.4-7

87-325   487
Belov, V.V.: IPC and its use in the patent search process.
Orig.ru. In: Teoriya i prakt.izobretatel'stva, rats.i pat.-li-
tsenz.raboty. Moskva, SU 1985. p.69-72

87-326   487
Lavrent'ev,V.V.: Interconnection of IPC classes and patent do-
cumentation form elements. Orig. ru.
Vopr.izobretatel'stva, No 12, 1985. p.38-41, 7 refs.

5 ON SPECIAL OBJECTS CS

52   Taxonomies in the Matter and Energy Area 2

87-327   526
Fujita,Sh.: Description of organic reactions based on imagina-
ry transition structures. I. Introduction of new concepts.
J.Chem.Inform.Comput.Sci. 26(1986)No 4, p.205-212, 11 refs.

87-328   526
Fujita,Sh.: Description of organic reactions based on imagina-
ry transition structures. 2. Classification of one-string re-
actions having an even-membered cyclic reaction graph. Orig.en
J.Chem.Inform.Comput.Sci. 26(1986)No 4, p.212-223, 46 refs.

87-329   526
Fujita,Sh.: Description of organic reactions based on imagina-
ry transition structures. 3. Classification of one-string reac-
tions having an odd-membered cyclic reaction graph. Orig. en.
J.Chem.Inform.Comput.Sci. 26(1986)No 4, p.224-230, 33 refs.

54-56   Taxonomies in other areas

87-330   541
Van Steenis, C.G.G.J.: Taxonomic results suppressed in impubl-
ished doctor's theses: a nuisance. Orig. en.
Taxon Vol 35, No 1, 1986. p.121-122

87-331   55384
Pawlak, Z.; Slowinski, K., Slowinski, R.: Rough classification
of patients after highly selective vagotomy for duodenal ulcer.
Int.J.Man-Machine Studies 24(1986)No 5, p.413-433, 10 refs.

87-332   5643
Staruev, Yu.V.: Development of information classification in
the computer-based planning calculations system (CPCS) in the
12th Five-Year Plan period. Orig. ru.
Klassifikatory i dok., No 2, 1986. p.18-20

87-333   571
Fedotov, N.N.; Sergievskij, R.A.: Using the OKP to accelerate
scientific and technological progress and improve product qua-
lity. Orig.ru. Klassifikatory i dok., No 11, 1985. p.16-25
The OKP (All-Union Classifier of Industrial and Agricultural
Products) lists the codes and names of all products manufac-
tured in the USSR (more than 20 million entries) and is main-
tained up-to-date by the efforts of experts from more than
100 major organisations. It is the basis of a similar classi-
fier for the Comecon countries and is designed for computer-
aided control in various branches of the national economy.
Examples of standards distribution by the OKP groups are pre-
sented.

87-335   586
Espe,H.; Seiwert,M., Lang, H.-P.: Eine Typologie von deutschen
Fernsehzuschauern nach Programmpräferenzen. (A typology of Ger-
man television lookers according to their program preferences).
Orig.de. Publizistik Vol 30, No 4, 1985. p.471-484, 13 refs.
Results of a cluster analysis from a survey show that there
are five groups of television lookers of significant differ-
ences.

6 ON SPECIAL SUBJECTS CS & T

64 On CS & T in the Bio Area 4

87-336   646
Thomas,S.E.: Use of the CAB thesaurus at the National Agricul-
tural Library. Quart.Bull.IAALD Vol 39, No 3, 1985. p.61-65

87-337   646/7
Lešický, L.: Compilation of a thesaurus for the Departments of
Agriculture and Forestry of State Regional Archives. Orig. cs.
Archivni Casopis Vol 35, No 3, 1985. p.146-151, 11 refs.

87-338   648
Barrantes, N.: The banana thesaurus. Orig. es.
Rev.AIBDA, CRI Vol 7, No 1, 1986. p.1-12

87-339   648
Wereszczynska-Cislo, B.; Ogorkiewicz, W.: An experimental the-
saurus for fruit and vegetable processing. Orig. pl.
Zag.inform.nauk., No 1, 1985. p.83-106, 26 refs.

65 On CS & T in the Human Area 5

87-340   651/4
Gabrieli, E.R.: Computer systems compatible biomedical nomen-
clature and classification. Orig. en.
Terminologie et Traduction, No 3, 1986. p.109-115, 10 refs.

87-341   652/4
Simons-Combecher,A.K.; Limonard, C.B.G.: Development of a key-
word thesaurus for the use of a university information centre.
Orig.nl. Open Vol 17, No 9, 1985. p.381-390, 11 refs.
The Limburg University Medical and Social Information Centre
collected and analysed data on the health and medical servi-
ces in the Netherlands and especially of the province of
South Limburg since 1977. Report on the reorganisation which
became necessary because of heavy use of the collection. Since
1983 the collection has become available for online consulta-
tion by users.

87-342   659
Yosimura,T.; Omori, M., Otake, Ch. et al: Constructing a clas-
sification schedule on housekeeping theory and practice and
results of its usage. Orig. ja.
Dokumentesyon kenkyu Vol 35, No 9, 1985. p.495-500, 4 refs.

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

87-343   671
Dybova,B.; Prochazka, I.: An international comparative indexes
databank in UVTEI. Orig.cs. Method.stud.UVTEI, No 149, 1985.
p.1-97
The principal search tool is a classification of socio-econo-
mic indexes.

87-344   672
Sakhabetdinova,L.A.; Bochkareva, L.V. (Comp.): Management sci-
ence classification: Main classes. Orig. ru.
Moskva, SU: Institut problem upravleniya 1985. 9p.
The main classes were formed on the basis of bibliographic
work experience of the Institute for Control Problems. The
classification is of great importance for forming a computer-
based databank of the State System of Industrial Instruments,
Means of Automation and Control Systems.   (Author, abbr.)

87-345   6776
Rother,I.; Angermann,H.: The thesaurus on shipbuilding - first
results. Orig.de. Informatik Vol 33, No 5, 1986. p.171-174

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

87-346   ,   683
Aushev, V.F.: Classification of data processing technology in
MIS. Orig.ru. Klassifikatory i dok., No 11, 1985. p.1-4

87-347   6832
Leysen, K.: Cutter numbers and subject headings for computers,
computer systems, and microprocessors. Orig. en.
RTSD Newsletter Vol 11, No 5, 1986. p.47-9

87-348   6834
Leysen, J.: Cutter numbers and subject headings for computer
programming languages. Orig. en.
RTSD Newsl. Vol 11, No 5, 1986. p.49

69 On CS & T in the Humanities Area 9

87-349   692
Schnelling, H.: Book review of: Harris, K.: The Dickens House
Classification. London: Polytechnic of North London. 1986. 98p
Orig.en. Int.Classif. Vol 13, No 3, 1986. p.166

87-350   693
Minarek,E.: Weitere Informationen Uber die BOKLA-MU. Antworten
an Müller-Benedict. (Further information about BOKLA-MU: ans-
wers to Müller-Benedict) Orig. de.
Forum Musikbibliothek, No 4, 1985. p.173-175, 1 refs.
The Bochum classification for musical scores (BOKLA-MU) uses
the possibilities of electronic data processing and of exist-
ing music thesauri in subject-cataloging within a classified
catalogue.

87-351   6984
Posner, M.W.: Towards improved subject analysis on the Holo-
caust in the synagogue and school library. Orig. en.
Judaica Librarianship Vol 2, No 1-2, 1986. p.49-54

7 CLASSIFICAT AND LANGUAGE

71 General Problems of Natural Language

See also 87-194

87-352   711
Deschâtelets,G.: The three languages theory in information re-
trieval. Orig.en. Int.Classif. 13(1986)No 3, p.126-32, 15refs.
In order to take full advantage of microcomputers and the more
user-friendly systems with all sorts of interface software
(front-end, gateway, intermediary), the user must be able to
master three different languages: the natural language of the
discipline, the indexing language, and the system's query
language. The author defines and characterizes each of these
languages and identifies their issues and trends in the IR
cycle and in public online search services.   (Author, abbr.)

87-353   715
Artificial intelligence: Unsterbliche Besserwisser.(Artificial
Intelligence: an immortal know-all) Orig. de. Ration. Büro Vol
36, No 9, 1985. p.10-11

87-354   715
Born, A.: KI-komplexe Informationsverarbeitung. Mit Zauberwort
auf Kundenfang. (AI-complex information processing. Catching
customers with a magic word) Orig.de. Online. J.f.Inform.ver-
arb.mit UVD, No 3, 1986. p.26-32
See also 87-002

72 Semantics

87-362   721
Benthem, K.v.: Essays in logical semantics. Orig.en. Dordrecht,
NL: D.Reidel Publ. 1986. 240p., Studies in Linguistics and
Philosophy 29, ISBN 90-277-2019-6

87-363   722
Semantics and the structure of the word. Orig.ru. Kalinin, SU:
Kalininskij Universitet 1985. 119p., Sbornik nauchnykh trudov

87-365   722
Makovetskaya, N.A. (Ed.): Principles and methods of language
unit investigation. Orig. ru.
Voronesh, SU: Izd.-vo Universiteta 1985. 167p.

87-366   722
Maekawa,H.; Inoue,M., Imura, H.: Adaptation of the words' con-
ceptual relations in discourse understanding. Orig.ja. Dosisya
daigaku rikogaku kenkyu hokoku 26(1985)No 2, p.75-85, 5 refs.

87-367   722
Sgall, P.; Hajicova, E., Panenová, J.: The meaning of the sen-
tence in its semantic and pragmatic aspects.   Dordrecht,   NL:
Kluwer Academic Publ.Group 1986. 364p., ISBN 90-277-1838-5

87-368   722
Tajts, O.G.: Fundamentals of semantechnique. Orig. ru.
Bryansk, SU: Bryan.Tekhnol.Institut 1985. 31p., 2 refs.

87-369   723
Trukhina, S.A.: The semantic analysis method in investigating
abstract and concrete meanings in language. Orig. ru.
In: Printsipy i metody issled.edinits.yaz. Voronesh, SU 1985.
p.51-55, 3 refs.

87-370   725
Kuznetsov, I.P.: Semantic representations. Orig. ru.
Moskva, SU: Nauka 1986. 295p.
To make a system user-oriented, a special knowledge represen-
tation language is necessary which would be homogeneous and
harmonised with natural language forms. It is proposed to use
a special class of semantic networks as a knowledge represen-
tation language.   (Author, abbr.)

87-372   726
Kukharenko,V.A.: Informativeness of the introductory paragraph
of a scientific philological text. Orig.ru. In: Funkts.stili:
Lingvometod.aspekty. Moskva, SU 1985. p.49-62, 29 refs.

87-373   726
Naer, L.V.: The pragmatics of scientific texts: the verbal and
non-verbal aspects. Orig.ru. In: Funkts.stili: Lingvometod.as-
pekty. Moskva, SU 1985. p.14-25, 12 refs.

The rest of the items of Group 7 have been omitted in this
issue because of insufficient space. They will be included in
the forthcoming issue IC 87-2.

8 APPLIED CLASSING AND
INDEXING (C & I)

81 General Problems of Applied C & I

87-396   812
Fontalina, M.N.: On ways to organise a subject catalogue in a
library. Orig.ru. Predmet.poisk v tradits.i netradits.inform.-
poisk.sistemakh, No 5, 1985. p.86-94, 12 refs.

87-396a   812
Grimaldi, T.: Subject catalogue: the functional integration of
alphabetical and classified components. Orig. it.
Il Bibliotecario, No 7-8, 1986. p.149-153, 10 refs.
Deals with the reorganization of the alphabetical subject ca-
talogue in the National Library of Bari. The classes of DDC
are used in order to reduce semantic ambiguity of the head-
ings, following Cutter's suggestions.

87-397   812
Knutson, G.S.: Does the catalog record make a difference?.
Orig.en. College & Research Libraries Vol 47, 1986. p.460-9

87-398   812
Mueller, C.J.: Book review of: Bryant, Ph.: Keyword catalogues

and the free language approach. Bath: Centre for Catalog Research, Bath University Library 1985. 85p. Orig. en.
Cat.& Classif.Quarterly Vol 7, No 1, 1986. p.77-78

87-399   814
Beck, H.: Book review of: Neue Regelwerke zum Schlagwortkatalog: Einführung in RSWK und PRECIS. Köln: Greven Verl.1985. (New guidelines for the subject catalogue) Orig. de.
Zbl.Bibl.wes. Vol 100, No 11, 1986. p.513-515

87-400   814
Fischer, F.: Book review of: Neue Regelwerke zum Schlagwortkatalog. Köln: Greven 1985. 180p. Orig. de.
Z.f.Bibl.wes.u.Bibliogr. Vol 33, No 4, 1986. p.255-257

87-401   814
Gebauer, H.D.: Book review of: Neue Regelwerke zum Schlagwortkatalog. Köln: Greven 1985. 180p. Orig. de.
Mitt.bl.Bibl.NRW Vol 36, No 1, 1986. p.79-82

87-402   814
Gödert, W.: Book review of: Neue Regelwerke zum Schlagwortkatalog. Eine Einführung in RSWK und PRECIS. Köln: Greven Verl. 1985. (New guidelines for the subject catalogue) Orig. de.
Bibliothek. Forsch.u.Praxis 10(1986)No 1/2, p.131-134, 9 refs.

87-402a   814
Weidemüller, H.U.: RSWK Anwendung in der Deutschen Bibliothek: Kettenbildung und Permutationsverfahren. (Application rules for subject cataloguing in the German Library: Chaining and permutation procedures) Orig.de. Bibliotheksdienst Vol 20, No 10, 1986. p.941-954

87-403   819
Barabanova, I.V.: The subject catalogue of the Lenin State Library of the USSR. Orig.ru. Predmet.poisk v tradits.i netradits.inform.-poisk sistemakh, No 4, 1984. p.8-21, 8 refs.

87-404   819
Dzhus',B.M.: On the subject catalogue of the Central Polytechnical Library. Orig.ru. Predmet.poisk v tradits.i netradits. inform.-poisk sistemakh, No 5, 1985. p.80-85, 7 refs.

82 Data C & I
See also 87-087

87-405   820
Khanina, L.G.: A classification of the models used in database design. Orig.ru. Klassifikatory i dok., No 5, 1985. p.11-15, 10 refs.
Discussion of a conceptual, infological and an associated semantic model of data. The conceptual model is a global logical description of data, a representation of the general data base content, used to ensure the logical and physical independence of the data.

87-406   820
Lerman,I.S.: A general representation of a data classification Orig.fr. Inform.et Sci.Hum. Vol 15, No 66, 1985. p.7-40

87-407   82-46
Haendler, H.: Methods of identifying data units for retrieval purposes, as applied in an international data bank system for feed analysis. Orig.en. In: Glaeser, P.S.(Ed.): The role of data in scientific progress. Proc.9th Int.CODATA Conf., Jerusalem 1984. Amsterdam,NL: North-Holland 1985. p.401-4, 6 refs.
   Data retrieval requires precise description of data units. This could be achieved within the International Network of Feed Information Centres (INFIC) by systematically analyzing the essential characteristics of items in the data bank, representing them by controlled descriptors which have to be used for defining sets of selection. The analyzing-synthesizing method strictly follows the conceptual structure of feeds, thus six kinds of characteristics are distinguished, which are forming six facets of the descriptor vocabulary used for retrieval purposes.   (Author)

87-408   82-53
Henzler, R.G.: Ein Konzept zur Automatisierung der Basisdokumentation in der Inneren Medizin mithilfe der Arztbriefschreibung und Arztbriefanalyse. (Diss.Humanbiologie). (A conception for the automation of data-documentation in Internal Medicine based on doctors' letters written and analyzed) (Doctoral Dissertation)) Orig.de. Ulm,DE: Universität. Klinische Dokumentation 1985. 148p.
The dissertation contains 10 chapters. It explains clinical data documentation, the subject analysis of texts, computerization of medical text processing, the role of natural language in the framework of a medical information system, and the possibilities of computerized subject analysis. It gives material and method for the execution of the own experiments, the results of the studies concerning letters of physicians, and a discussion and a proposal for further procedures at the University Hospital of Ulm.

83 Title C & I

87-409   83
Pshenichnaya,L.E.: The relation between a document's title and the full text and its bearing on the document's relevancy to a request. Orig. ru. Nauchno-tekhn. Inform., Ser.2, No.11, 1985, p.14-17, 5 refs.

84 C & I of Primary Literature (Except 85)

87-410   842
Aleksandrova, N.V.: Information-linguistic analysis of the patent claim. Orig. ru.
Nauchno-Tekhn.Inform.,Ser.2, No 8, 1985. p.18-21, 27 refs.

87-411   842
Eisenschitz, T.S.; Crane, J.A.: Patent searching using classifications and using keywords. Orig. en.
World Patent Information Vol 8, No 1, 1986. p.38-40, 4 refs.
Two quantities are defined to represent the overlap of coverage of concepts by classifications and by keywords in patents. These were applied to small samples of U.K. and U.S. patents concerned with buildings. It was found that both U.K. and U.S. classification codes would perform better than keywords in a search.

87-412   842
Schramm, R.; Drews, H., Biela, K.-D.: The organization of patent databanks at the Ilmenau Institute of Technology.Orig.de.
World Patent Information Vol 8, No 4, 1986. p.278-88, 10 refs.
With the establishment of the Polytechnical Patent Library at the Ilmenau Institute of Technology in April 1981, an efficient patent information centre was set up for the southern districts of the German Democratic Republic (Suhl, Gera, Erfurt). First, the manual methods of search were complemented by two subsystems of the automated patent pre-search system, namely the selective dissemination of information in the field-oriented patent family service. In 1985, the set-up of patent databanks was begun. The present paper explains their specific features, thus complementing the conception of the patent pre-search system presented earlier.   (Authors, abbr.)

87-413   844
Christie, P.: Indexing 19th-century North Devon newspapers.
Orig.en. Indexer Vol 15, No 2, 1986. p.91-93
Archive volumes of the North Devon Journal and the Bideford Gazette have been indexed by teams funded by the Manpower Services Commission. Work on both schemes is still in progress and has led to the creation of similar groups and projects.

87-414   844
Morrison, D.: Indexes to The Times. Orig. en.
J.Doc. Vol 42, No 3, 1986. p.189-195, 22 refs.
The study provides an introductory comparative analysis of the two main indexes: Palmer's Index to the Times Newspaper and The Times Index. The two are evaluated according to selected criteria of good indexing such as consistency, concept versus keyword approach, and the use of subject headings and cross references. Samples from both the newspaper and the indexes have been taken over fifty-year intervals to determine whether there have been any changes in indexing techniques over time. The findings reveal the superior qualities of The Times Index and outline the problems that the researcher may encounter in using Palmer's.   (Author)

87-415   844
Reilly, D.: Litte Magazine Interview Index. Orig. en.
Serials Review Vol 11, No 2, 1985. p.5-14
Presentation of the first of the interview indexes to appear in the 2nd and 4th issues of each volume of Serials Review.

87-416   845
Cornog, M.: Out of the shoebox and into the computer: serials indexing 1975-1985. Orig. en.
Serials Librarian Vol 10, No 1-2, 1985/86. p.161-168, 11 refs.

87-417   845
Scibor, E.: Comments in connection with the application of Polish Subject-Field Classification to indexing serials. Orig.pl
Aktual.Probl.Inform.Dok., No 4, 1986. p.9-12
Presentation of comments on the (next) article by B.Trawinski and M.Ziolek concerning the application of the Polish Subject-field Classification (PSC) to indexing serials registered in the System of Journals Subscription and Record (SPEC). Attention is paid to great differences between the numbers of journals classified among particular sections of PSC. For the majority of solutions called in question there are proposed alternative issues which do not require introducing changes into PSC.   (Author, abbr.)

87-418   845
Trawinski, B.; Ziolek, M.: Application of Polish Subject-Field Classification to indexing serials registered in the SPEC sys-

tem. Orig.pl. Aktual.Probl.Inform.Dok., No 4, 1986. p.3-8
Presentation of results of indexing serials with the aid of
the numbers of the Polish Subject-field Classification (PSC).
The collection consisted of 8511 journals imported from coun-
tries belonging to the dollar zone and registered in the Sys-
tem of Journals Subscription and Record (SPEC) which had been
developmed at the Main Library and Centre for Scientific and
Technical Information of the Technical University in Wroclaw.
Problems arisen during the indexing process are treated.
(Authors, abbr.)

87-419   847
Fischer, E.: Zur Erschließung und Auswertung von Justizbestän-
den im Staatsarchiv Schwerin. (On the subject analysis of
courts of justice in the State Archives of Schwerin) Orig. de.
Archivmitt. Vol 36, No 4, 1986. p.120-123, 20 refs.

87-420   847
Rossol, E.: Erfahrungen und Probleme bei der Erschliessung des
Bestandes IG Farbenindustrie AG, Werk Premnitz, im Staatsarchiv
Potsdam. (Experiences and problems in subject analysis of the
holdings of IG Farbenindustrie, Premnitz Plant, in the State
Archives of Potsdam) Orig.de. Archivmitt. Vol 36, No 4, 1986.
p.114-118, 14 refs.

87-421   848-912
Crystal, D.: Indexing a reference grammar. Orig. en.
Indexer Vol 15, No 2, 1986. p.67-72
Account of the procedure using in indexing the reference gram-
mar by R.Quirk, et al., "A comprehensive grammar of the Eng-
lish Language" (London: Longman, 1985). Outline of the main
characteristics of a reference grammar and the kinds of prob-
lem facing the indexer of such works. The main features of the
index are identified. The importance of co-operation between
indexer, authors, and publisher is stressed.   (Author)

87-423   849
Peniston, S.: Coping with software information. Orig. en.
Aslib Proc. Vol 38, No 3, 1986. p.81-83, 11 refs.
Concentrates on the organisational and indexing aspects of
software collections. Unique problems are posed by the com-
plexities of the nature of software; and rapid changes taking
place in the software industry. It is necessary to decide if
the collection is to be current or historical. The organisa-
tion of the material and level of indexing should be matched
to the use being made of the system. Evaluates different
levels of indexing. Discusses the indexing decisions that are
unique to the software/information technology field. (Author)

85 Book Indexing

87-424   851
Ramesh Babu, B.: A study of the characteristics of book in-
dexes: a sample survey. Orig. en.
Rilisar Bull. Vol 4, No 2, 1986. p.18-33

87-425   857
Fetters, L.K.: INDEXIT: an economical, but limited indexing
program. Orig.en. Database Vol 9, No 5, 1986. p.54-56
INDEXIT is and index preparation program for back-of-the-book
indexes. Topics covered: starting the index, entering terms,
editing terms, alphabetization, and size limitations.

86 C & I of Secondary Literature

87-426   861
Bradley, P.: English-language dictionaries, past and present.
Orig.en. Indexer Vol 15, No 2, 1986. p.99-107, 15 refs.
Some dictionaries of the seventeenth and eighteenth centuries
are discussed, followed by an account of the Oxford English
Dictionary and its Scottish equivalents; three important re-
cent works published in Britain and America are considered
in detail.   (Author, abbr.)

87-427   861
Harter, S.P.: Online encyclopedias. Orig.en. In: Encycl.Libr.&
Inform.Sci. Vol 38. New York-Basel 1985. p.312-324, 20 refs.

87-428   863
Tomlinson, D.M.: LISA: anatomy of an abstracting service. Orig.
en. Indexer Vol 15, No 2, 1986. p.83-86, 11 refs.
Throughout its sixteen years of continuous existence under the
present title, the evolving nature of the publication is rela-
ted to general trends in secondary service publishing and to
the characteristics of the literature of librarianship and in-
formation science.   (Author, abbr.)

87-429   864
Brooks, T.A.: Evidence of complex citer motivations. Orig. en.
J.ASIS Vol 37, No 1, 1986. p.34-36
Study of the motives of scholars when citing references; im-
plications for citation indexing.

87-430   864
Garfield,E.: Uses and misuses of citation frequency. Curr.Con-
tents/Phys.Chem.& Earth Sci. 25(1985)No 43, p.3-9, 22 refs.

87-432   864
Ruttkayova, K.: Citation analysis as a specific bibliometric
tool for the study of the development of science. Orig. sk.
In: Bibliogr.zb. Martin, CSSR 1985. p.160-190, 39 refs.

87-433   864
Small, H.; Sweeney, E., Greenlee, E.: Clustering the Science
Citation Index using co-citations. II: Mapping science. Orig.
en. Scientometrics Vol 8, No 5-6, 1985. p.321-340

87-434   867
Beaujean, M.: Schlagwortpool und Konkordanzregister zu den
Systematiken SfB, ASB und SSD. (Keyword pool and concordance
index to the SfB, ASB and SSD classification schemes) Orig.de.
Bibliotheksdienst Vol 19, No 11, 1985. p.990-992

87-435   8678-71/2
Fichtel, L.: Das Schlagwortregister zur Aufstellungssystematik
der Wirtschaftswissenschaften nach den Regeln für den Schlag-
wortkatalog. (The subject index to the classification scheme
of economics according to the rules for the subject catalogue)
Orig.de. Bibliotheksforum Bayern 14(1986)No 3, p.250-9, 5refs.

87 C & I of Non-Book Materials

87-436   872
Boyne, W.J.; Otano, H.: Direct document capture and full text
indexing: an introduction to the National Air and Space Muse-
um system. Orig.en. Libr.Hi.Tech. Vol 2, No 4, 1984. p.7-14
Description of the objectives of the National Air and Space
Museum to develop an information system providing the capture
of photographic, lineal and textual documents in high resolu-
tion digital images, to convert the digital images of text to
standard ASCII computer code, and to retrieve the appropriate
code automatically through keyword searching of full text.
The system assembly is examined as well as planned and poten-
tial applications.   (Author, amended)

87-437   872
Shenton, K.: Graphic retrieval of patent information. Orig.en.
In: 9th Int.Online Inform.Meeting, London, 3-5 Dec.1985. Ox-
ford, GB: Learned Information 1985. p.43-59, 23 refs.
Report on research by Derwent Publ. into graphics indexing of
Markush structures.

87-438   873
Dodd, S.A.; Sandberg-Fox, A.M.: Classification (Microcomputer
files). Orig.en. In: Cataloging Microcomputer Files. A Manual
of Interpretation for AACR2. Chicago, IL: Amer. Libr. Assoc.
1985. p.173-179

87-439   873
Schindler, S.: Accessing the microform publication. Orig.en.
Microform Rev. Vol 14, No 4, 1985, p.237-240

87-440   876
Berthelsen, J.F.: Nautical charts computerized index (NCCIS).
Geography & Map Div.Bull., No 140, 1985. p.9-14, 2 refs.

87-441   876
Wolff, H.: Die Erschließung von Altkarten an der Bayerischen
Staatsbibliothek. (Subject analysis of maps of historic per-
iods in the Bavarian State Library) Orig. de.
Bibliotheksforum Bayern Vol 14, No 2, 1986. p.105-121
On Jan.1, 1985 work started to catalogue maps and atlases
(some 45,000) covering the period 1500-1850. The report de-
scribes the holdings of such maps, their characteristics, the
project which is supported by the German Research Association,
the pilot study and the form and subject cataloguing itself.

88 C & I in Subject Fields

87-442   88-6; -71/2
Sergievskij, R.A.: Classification and coding of socio-economic
information in Bulgaria. Orig. ru.
Klassifikatory i dok., No 9, 1985. p.12-16

87-443   88-834
Mitchell, J.S.: Subject access to microcomputer software.
Libr.Resources & Techn.Serv. 29(1985)No 1, p.66-72, 15 refs.
In Jan.1984 the ALA/CCS Subject Analysis Committee apointed a
subcommittee to study subject access to microcomputer soft-
ware. The article discusses the objectives identified by the
subcommittee and reports on the problems encountered.

87-444   88-984
Weinberg,B.H.: The cataloging of Jewish liturgy by the Library
of Congress: a critique. Orig.en. Judaica Librarianship Vol I,
No 2, 1984. p.70-73, 18 refs.

9 CLASSIFICATION ENVIRONMENT

91 Organization Problems in General

87-445   91.33
Vidigal Carneiro, M.: Rules for an indexing policy. Orig. pt.
Rev.Esc.bibliotecon.UFMG, No 2, 1985. p.221-241

87-446   91.33
Cochrane,P.A.: The management of subject cataloguing in an era
of interactive catalogues and bibliographic networks.
Cataloguing Australia Vol 11, No 4, 1985. p.2-B, 6 refs.

87-447   91.38
Bandman, A.L.; Starkova, T.A.: Centralised planning for index
production at academies of sciences libraries. Orig. ru.
Sov.bibliogr., No 4, 1985. p.24-28, 4 refs.

87-448   91.814
Schammann, U.: DBI-Projekt 1135: Die Einführung von RSWK in
Öffentlichen Bibliotheken. (DBI-Project 1135: The introduction
of RSWK in public libraries) Orig. de.
Buch und Bibliothek Vol 39, No I, 1987. p.49-50

92 Persons and Institutions

See also 87-115 - 117, 87-309

87-449   922
Jarecka,H.: Henri LaFontaine and Paul Otlet as pioneers of in-
ternational intellectual co-operation. Orig. pl.
Aktual.Probl.Inform.Dok., No 5, 1986. p.3-6

87-450   922
Horvat Bauer, M.: S.R.Ranganathan and Yugoslav librarianship
1950-1985. Herald Libr.Sci. 25(1986)No 1-2, p.14-17, 3 refs.

87-451   922
Dhyani, P.: International perception of Ranganathanism.
Herald Libr.Sci. Vol 25, No 1-2, 1986. p.17-22

87-452   922
Satija, M.P.; Sharma, R.N.: S.R.Ranganathan: The crusader.
Orig.en. Libri Vol 36, No 2, 1986. p.128-135, 16 refs.

87-453   924
FID-Committee on Classification Research: Certificate of Merit
(Professor Pauline A Cochrane). Orig. en.
Int.Classif. Vol 13, No 3, 1986. p.156-157

87-454   924
Bottle, R.T.; Brookes, B.C., Yates-Mercer, P.: Jason Farradane
- a biobibliography. J.Inform.Sci. Vol 12, 1986. p.19-21
After a short introduction, summarizing the biodata of Prof.J.
Farradane the biobibliography follows with 42 titles devoted
to professional and educational aspects and 46 to classifica-
tion, information retrieval and relational analysis.

87-455   925
International Forum on Information and Documentation. Anniver-
sary Issue 11(1986)No.3. Orig.en, ru. Moskva, SU: VINITI 1986.
68p.
This anniversary issue contains a.o. 10 reports of FID-Commit-
tee chairmen on the work of their respective groups of which
the following 4 groups pertain to our area of interest:
87-456 Dahlberg, I.: FID Classification Research Committee
(FID/CR). - 87-457 Gorkova, V.I.: FID Terminology of Informa-
tion and Documentation Committee (FID/DT). - 87-458 Karlgren,
H.: FID Linguistics in Documentation Committee (FID/LD). - 87-
459 Coates,E.J.: FID Broad System of Ordering Panel (FID/BSO):
Looking back 12 years - and forward.

87-460   925
Dahlberg, I.: FID/CR. Comite de Investigacion en Clasificacion.
(FID/CR Study Committee on Classification Research) Orig. es.
Rev.Espan.de Document.Cientifica Vol 9, No 3, 1986. p.259-262
Abridged version in Spanish of the longer one published in the
IFID Journal.

87-461   925
Dhyani,P.: Classification Research Group (CRG), London: Devel-
opment perspectives. Orig. en.
Libra Vol 22-23, 1984-85/1985-86, p.9-18, 25 refs.

93 Organisation on a Natl. & Internatl. Level

87-462   934; 44
Lorenz,B.: Bibliothekarisches Zusammenwirken im Systematikver-
bund. (Library cooperation in classification networks) Orig.de.
Libri Vol 36, No 2, 1986. p.123-127, 18 refs.

87-463   935
Ishiyama, H.: The trend of classification in Japan. Orig. en.
Int.Cataloguing Vol 15, 1986. p.31-33

87-464   935
Shu, F.C.: Library classification in China. Orig. en.
LASIE Vol 15, 1985. p.14-19

87-465   936
Bankole, B.S.: Nigeria (Report on activities). Orig. en.
Int.Classif. Vol 13, No 3, 1986. p.I58

87-466   937
Holley, R.P.: Classification in the USA. Orig. en.
Int.Classif. Vol 13, No 2, 1986. p.73-78, 19 refs.

95 Education and Training

See also 87-149 - 155

87-467   951; 153
Kahn, G.; Nowland, S., McDermott, J.: Strategies for knowledge
acquisition. Orig.en. IEEE Transact.Pattern Anal.& Machine In-
telligence (PAMI) Vol 7, No.5, 1985, p.511-522, 6 refs.
Description of knowledge acquisition strategies developed in
the course of handcrafting a diagnostic system. Report on the
consequent implementation in MORE, an automated knowledge ac-
quisition system. MORE is described in some detail, focusing
on its representation of domain knowledge, rule generation ca-
pabilities, and interviewing techniques.

87-468   952
Aggarwal, D.S.: Lectures on universe of knowledge. Orig. en.
Delhi: Academic Publ. 1985. 166p.
The author has been teaching this course as a compulsory one
for the Master's students of the University of Delhi for the
past seventeen years. He had himself been trained by S.R.Ran-
ganathan in 1955. The book contains eleven chapters: Knowledge
and society, knowledge and its dynamics, knowledge and ... re-
ligion, philosophy, science, technology, arts, research, know-
ledge and its dissemination. Research organisation in India.
Methods of teaching and evaluation. Select bibliography. Index

87-469   952.33
Fiusa, M.M.: Teaching subject cataloguing. Orig.pt.
Rev.Esc.Bibliotecon.Univ.Fed.Minas Gerais Vol 14, No 2, 1985.
p.257-269, 9 refs.

87-470   957
Terris, O.: Indexing in UK library schools: a survey. Orig.en.
Indexer Vol 15, No 2, 1986. p.89-90
Reports on the answers from a questionnaire mailing to 17 li-
brary schools in the UK, of which 14 schools replied. Among
the non-repliers were the Polytechnic of North London and the
University of Sheffield Department of Information Studies.

87-471   957
Roberts, R.P.: Teaching of terminology and documentation in
Canadian universities. Orig.en. Int.Inform.,Communic.& Educ.
Vol 5, No I, 1986. p.79-85, 10 refs.

87-472   957
Dahlberg, I.: Book review of: Weinberg, B.H.: Education and
training in indexing and abstracting. New York: Amer.Soc.In-
dexers 1985.144p. Orig.en. Int.Classif. 13(1986)No 2, p.105

97 Economic Aspects

87-473   97
De Faria Lopes, E.: Evaluation and summary of indexing servi-
ces; criteria, measures and methodology. Orig. pt.
Rev.Esc.Bibliotecon.UFMG Vol 14, No 2, 1985. p.242-256
Description of some criteria for the evaluation of costs and
the efficiency of indexing services.

98 User Studies

87-474   983
Carter,J.A.Jr.: A taxonomy of user-oriented functions. Orig.en
Int.J.Man-Machine Studies 24(1986)No 3, p.195-292, 20 refs.
The taxonomy is composed of a hierarchy of user-oriented func-
tions plus command names suggested by a group of potential
users for those functions, classified as generally required
in data-processing systems. The taxonomy can be used for com-
mercial system design and evaluation and as a basis for fur-
ther research.   (Author, abbr.)

87-475   983
Miksa, F.L.: User categories and user convenience in subject
cataloging. Orig.en. In: Library Literature 15 - the best of
1984. Scarecrow Press 1985. p.76-92

tem. Orig.pl. Aktual.Probl.Inform.Dok., No 4, 1986. p.3-8
Presentation of results of indexing serials with the aid of
the numbers of the Polish Subject-field Classification (PSC).
The collection consisted of 8511 journals imported from coun-
tries belonging to the dollar zone and registered in the Sys-
tem of Journals Subscription and Record (SPEC) which had been
developmed at the Main Library and Centre for Scientific and
Technical Information of the Technical University in Wroclaw.
Problems arisen during the indexing process are treated.
(Authors, abbr.)

87-419   847
Fischer, E.: <u>Zur Erschließung und Auswertung von Justizbestän-</u>
<u>den im Staatsarchiv Schwerin.</u> (On the subject analysis of
courts of justice in the State Archives of Schwerin) Orig. de.
Archivmitt. Vol 36, No 4, 1986. p.120-123, 20 refs.

87-420   847
Rossol, E.: <u>Erfahrungen und Probleme bei der Erschliessung des</u>
<u>Bestandes IG Farbenindustrie AG, Werk Premnitz, im Staatsarchiv</u>
<u>Potsdam.</u> (Experiences and problems in subject analysis of the
holdings of IG Farbenindustrie, Premnitz Plant, in the State
Archives of Potsdam) Orig.de. Archivmitt. Vol 36, No 4, 1986.
p.114-118, 14 refs.

87-421   848-912
Crystal, D.: <u>Indexing a reference grammar.</u> Orig. en.
Indexer Vol 15, No 2, 1986. p.67-72
Account of the procedure using in indexing the reference gram-
mar by R.Quirk, et al., "A comprehensive grammar of the Eng-
lish Language" (London: Longman, 1985). Outline of the main
characteristics of a reference grammar and the kinds of prob-
lem facing the indexer of such works. The main features of the
index are identified. The importance of co-operation between
indexer, authors, and publisher is stressed.   (Author)

87-423   849
Peniston, S.: <u>Coping with software information.</u> Orig. en.
Aslib Proc. Vol 38, No 3, 1986. p.81-83, 11 refs.
Concentrates on the organisational and indexing aspects of
software collections. Unique problems are posed by the com-
plexities of the nature of software; and rapid changes taking
place in the software industry. It is necessary to decide if
the collection is to be current or historical. The organisa-
tion of the material and level of indexing should be matched
to the use being made of the system. Evaluates different
levels of indexing. Discusses the indexing decisions that are
unique to the software/information technology field. (Author)

85 Book Indexing

87-424   851
Ramesh Babu, B.: <u>A study of the characteristics of book in-</u>
<u>dexes: a sample survey.</u> Orig. en.
Rilisar Bull. Vol 4, No 2, 1986. p.18-33

87-425   857
Fetters, L.K.: <u>INDEXIT: an economical, but limited indexing</u>
<u>program.</u> Orig.en. Database Vol 9, No 5, 1986. p.54-56
INDEXIT is and index preparation program for back-of-the-book
indexes. Topics covered: starting the index, entering terms,
editing terms, alphabetization, and size limitations.

86 C & I of Secondary Literature

87-426   861
Bradley, P.: <u>English-language dictionaries, past and present.</u>
Orig.en. Indexer Vol 15, No 2, 1986. p.99-107, 15 refs.
Some dictionaries of the seventeenth and eighteenth centuries
are discussed, followed by an account of the Oxford English
Dictionary and its Scottish equivalents; three important re-
cent works published in Britain and America are considered
in detail.   (Author, abbr.)

87-427   861
Harter, S.P.: <u>Online encyclopedias.</u> Orig.en. In: Encycl.Libr.&
Inform.Sci. Vol 38. New York-Basel 1985. p.312-324, 20 refs.

87-428   863
Tomlinson, D.M.: <u>LISA: anatomy of an abstracting service.</u> Orig.
en. Indexer Vol 15, No 2, 1986. p.83-86, 11 refs.
Throughout its sixteen years of continuous existence under the
present title, the evolving nature of the publication is rela-
ted to general trends in secondary service publishing and to
the characteristics of the literature of librarianship and in-
formation science.   (Author, abbr.)

87-429   864
Brooks, T.A.: <u>Evidence of complex citer motivations.</u> Orig. en.
J.ASIS Vol 37, No 1, 1986. p.34-36
Study of the motives of scholars when citing references; im-
plications for citation indexing.

87-430   864
Garfield,E.: <u>Uses and misuses of citation frequency.</u> Curr.Con-
tents/Phys.Chem.& Earth Sci. 25(1985)No 43, p.3-9, 22 refs.

87-432   864
Ruttkayova, K.: <u>Citation analysis as a specific bibliometric</u>
<u>tool for the study of the development of science.</u> Orig. sk.
In: Bibliogr.zb. Martin, CSSR 1985. p.160-190, 39 refs.

87-433   864
Small, H.; Sweeney, E., Greenlee, E.: <u>Clustering the Science</u>
<u>Citation Index using co-citations. II: Mapping science.</u> Orig.
en. Scientometrics Vol 8, No 5-6, 1985. p.321-340

87-434   867
Beaujean, M.: <u>Schlagwortpool und Konkordanzregister zu den</u>
<u>Systematiken SfB, ASB und SSD.</u> (Keyword pool and concordance
index to the SfB, ASB and SSD classification schemes) Orig.de.
Bibliotheksdienst Vol 19, No 11, 1985. p.990-992

87-435   8678-71/2
Fichtel, L.: <u>Das Schlagwortregister zur Aufstellungssystematik</u>
<u>der Wirtschaftswissenschaften nach den Regeln für den Schlag-</u>
<u>wortkatalog.</u> (The subject index to the classification scheme
of economics according to the rules for the subject catalogue)
Orig.de. Bibliotheksforum Bayern 14(1986)No 3, p.250-9, 5refs.

87 C & I of Non-Book Materials

87-436   872
Boyne, W.J.; Otano, H.: <u>Direct document capture and full text</u>
<u>indexing: an introduction to the National Air and Space Muse-</u>
<u>um system.</u> Orig.en. Libr.Hi.Tech. Vol 2, No 4, 1984. p.7-14
Description of the objectives of the National Air and Space
Museum to develop an information system providing the capture
of photographic, lineal and textual documents in high resolu-
tion digital images, to convert the digital images of text to
standard ASCII computer code, and to retrieve the appropriate
code automatically through keyword searching of full text.
The system assembly is examined as well as planned and poten-
tial applications.   (Author, amended)

87-437   872
Shenton, K.: <u>Graphic retrieval of patent information.</u> Orig.en.
In: 9th Int.Online Inform.Meeting, London, 3-5 Dec.1985. Ox-
ford, GB: Learned Information 1985. p.43-59, 23 refs.
Report on research by Derwent Publ. into graphics indexing of
Markush structures.

87-438   873
Dodd, S.A.; Sandberg-Fox, A.M.: <u>Classification (Microcomputer</u>
<u>files).</u> Orig.en. In: Cataloging Microcomputer Files. A Manual
of Interpretation for AACR2. Chicago, IL: Amer. Libr. Assoc.
1985. p.173-179

87-439   873
Schindler, S.: <u>Accessing the microform publication.</u> Orig.en.
Microform Rev. Vol 14, No 4, 1985, p.237-240

87-440   876
Berthelsen, J.F.: <u>Nautical charts computerized index (NCCIS).</u>
Geography & Map Div.Bull., No 140, 1985. p.9-14, 2 refs.

87-441   876
Wolff, H.: <u>Die Erschließung von Altkarten an der Bayerischen</u>
<u>Staatsbibliothek.</u> (Subject analysis of maps of historic per-
iods in the Bavarian State Library) Orig. de.
Bibliotheksforum Bayern Vol 14, No 2, 1986. p.105-121
On Jan.1, 1985 work started to catalogue maps and atlases
(some 45,000) covering the period 1500-1850. The report de-
scribes the holdings of such maps, their characteristics, the
project which is supported by the German Research Association,
the pilot study and the form and subject cataloguing itself.

88 C & I in Subject Fields

87-442   88-6; -71/2
Sergievskij, R.A.: <u>Classification and coding of socio-economic</u>
<u>information in Bulgaria.</u> Orig. ru.
Klassifikatory i dok., No 9, 1985. p.12-16

87-443   88-834
Mitchell, J.S.: <u>Subject access to microcomputer software.</u>
Libr.Resources & Techn.Serv. 29(1985)No 1, p.66-72, 15 refs.
In Jan.1984 the ALA/CCS Subject Analysis Committee apointed a
subcommittee to study subject access to microcomputer soft-
ware. The article discusses the objectives identified by the
subcommittee and reports on the problems encountered.

87-444   88-984
Weinberg,B.H.: <u>The cataloging of Jewish liturgy by the Library</u>
<u>of Congress: a critique.</u> Orig.en. Judaica Librarianship Vol 1,
No 2, 1984. p.70-73, 18 refs.

9 CLASSIFICATION ENVIRONMENT

91 Organization Problems in General

87-445   91.33
Vidigal Carneiro, M.: Rules for an indexing policy. Orig. pt.
Rev.Esc.bibliotecon.UFMG, No 2, 1985. p.221-241

87-446   91.33
Cochrane,P.A.: The management of subject cataloguing in an era
of interactive catalogues and bibliographic networks.
Cataloguing Australia Vol 11, No 4, 1985. p.2-8, 6 refs.

87-447   91.38
Bandman, A.L.; Starkova, T.A.: Centralised planning for index
production at academies of sciences libraries. Orig. ru.
Sov.bibliogr., No 4, 1985. p.24-28, 4 refs.

87-448   91.814
Scharmann, U.: OBI-Projekt 1135: Die Einführung von RSWK in
öffentlichen Bibliotheken. (OBI-Project 1135: The introduction
of RSWK in public libraries) Orig. de.
Buch und Bibliothek Vol 39, No 1, 1987. p.49-50

92 Persons and Institutions

See also 87-115 - 117, 87-309

87-449   922
Jarecka,H.: Henri LaFontaine and Paul Otlet as pioneers of in-
ternational intellectual co-operation. Orig. pl.
Aktual.Probl.Inform.Dok., No 5, 1986. p.3-6

87-450   922
Horvat Bauer, M.: S.R.Ranganathan and Yugoslav librarianship
1950-1985. Herald Libr.Sci. 25(1986)No 1-2, p.14-17, 3 refs.

87-451   922
Dhyani, P.: International perception of Ranganathanism.
Herald Libr.Sci. Vol 25, No 1-2, 1986. p.17-22

87-452   922
Satija, M.P.; Sharma, R.N.: S.R.Ranganathan: The crusader.
Orig.en. Libri Vol 36, No 2, 1986. p.128-135, 16 refs.

87-453   924
FIO-Committee on Classification Research: Certificate of Merit
(Professor Pauline A Cochrane). Orig. en.
Int.Classif. Vol 13, No 3, 1986. p.156-157

87-454   924
Bottle, R.T.; Brookes, B.C., Yates-Mercer, P.: Jason Farradane
- a biobibliography. J.Inform.Sci. Vol 12, 1986. p.19-21
After a short introduction, summarizing the biodata of Prof.J.
Farradane the biobibliography follows with 42 titles devoted
to professional and educational aspects and 46 to classifica-
tion, information retrieval and relational analysis.

87-455   925
International Forum on Information and Documentation. Anniver-
sary Issue 11(1986)No.3. Orig.en, ru. Moskva, SU: VINITI 1986.
68p.
This anniversary issue contains a.o. 10 reports of FIO-Commit-
tee chairmen on the work of their respective groups of which
the following 4 groups pertain to our area of interest:
87-456 Dahlberg, I.: FIO Classification Research Committee
(FID/CR). - 87-457 Gorkova, V.I.: FIO Terminology of Informa-
tion and Documentation Committee (FID/DT). - 87-458 Karlgren,
H.: FIO Linguistics in Documentation Committee (FIO/LD). - 87-
459 Coates,E.J.: FIO Broad System of Ordering Panel (FID/8SO):
Looking back 12 years - and forward.

87-460   925
Dahlberg, I.: FIO/CR. Comite de Investigacion en Clasificacion.
(FIO/CR Study Committee on Classification Research) Orig. es.
Rev.Espan.de Document.Cientifica Vol 9, No 3, 1986. p.259-262
Abridged version in Spanish of the longer one published in the
IFID Journal.

87-461   925
Dhyani,P.: Classification Research Group (CRG), London: Devel-
opment perspectives. Orig. en.
Libra Vol 22-23, 1984-85/1985-86, p.9-18, 25 refs.

93 Organisation on a Natl. & Internatl. Level

87-462   934; 44
Lorenz,B.: Bibliothekarisches Zusammenwirken im Systematikver-
bund. (Library cooperation in classification networks) Orig.de.
Libri Vol 36, No 2, 1986. p.123-127, 18 refs.

87-463   935
Ishiyama, H.: The trend of classification in Japan. Orig. en.
Int.Cataloguing Vol 15, 1986. p.31-33

87-464   935
Shu, F.C.: Library classification in China. Orig. en.
LASIE Vol 15, 1985. p.14-19

87-465   936
Bankole, B.S.: Nigeria (Report on activities). Orig. en.
Int.Classif. Vol 13, No 3, 1986. p.158

87-466   937
Holley, R.P.: Classification in the USA. Orig. en.
Int.Classif. Vol 13, No 2, 1986. p.73-78, 19 refs.

95 Education and Training

See also 87-149 - 155

87-467   951; 153
Kahn, G.; Nowland, S., McDermott, J.: Strategies for knowledge
acquisition. Orig.en. IEEE Transact.Pattern Anal.& Machine In-
telligence (PAMI) Vol 7, No.5, 1985, p.511-522, 6 refs.
Description of knowledge acquisition strategies developed in
the course of handcrafting a diagnostic system. Report on the
consequent implementation in MORE, an automated knowledge ac-
quisition system. MORE is described in some detail, focusing
on its representation of domain knowledge, rule generation ca-
pabilities, and interviewing techniques.

87-468   952
Aggarwal, D.S.: Lectures on universe of knowledge. Orig. en.
Delhi: Academic Publ. 1985. 166p.
The author has been teaching this course as a compulsory one
for the Master's students of the University of Delhi for the
past seventeen years. He had himself been trained by S.R.Ran-
ganathan in 1955. The book contains eleven chapters: Knowledge
and society, knowledge and its dynamics, knowledge and ... re-
ligion, philosophy, science, technology, arts, research, know-
ledge and its dissemination. Research organisation in India.
Methods of teaching and evaluation. Select bibliography. Index

87-469   952.33
Fiusa, M.M.: Teaching subject cataloguing. Orig.pt.
Rev.Esc.Bibliotecon.Univ.Fed.Minas Gerais Vol 14, No 2, 1985.
p.257-269, 9 refs.

87-470   957
Terris, O.: Indexing in UK library schools: a survey. Orig.en.
Indexer Vol 15, No 2, 1986. p.89-90
Reports on the answers from a questionnaire mailing to 17 li-
brary schools in the UK, of which 14 schools replied. Among
the non-repliers were the Polytechnic of North London and the
University of Sheffield Department of Information Studies.

87-471   957
Roberts, R.P.: Teaching of terminology and documentation in
Canadian universities. Orig.en. Int.Inform.,Communic.& Educ.
Vol 5, No 1, 1986. p.79-85, 10 refs.

87-472   957
Dahlberg, I.: Book review of: Weinberg, B.H.: Education and
training in indexing and abstracting. New York: Amer.Soc.In-
dexers 1985.144p. Orig.en. Int.Classif. 13(1986)No 2, p.105

97 Economic Aspects

87-473   97
De Faria Lopes, E.: Evaluation and summary of indexing servi-
ces; criteria, measures and methodology. Orig. pt.
Rev.Esc.Bibliotecon.UFMG Vol 14, No 2, 1985. p.242-256
Description of some criteria for the evaluation of costs and
the efficiency of indexing services.

98 User Studies

87-474   983
Carter,J.A.Jr.: A taxonomy of user-oriented functions. Orig.en
Int.J.Man-Machine Studies 24(1986)No 3, p.195-292, 20 refs.
The taxonomy is composed of a hierarchy of user-oriented func-
tions plus command names suggested by a group of potential
users for those functions, classified as generally required
in data-processing systems. The taxonomy can be used for com-
mercial system design and evaluation and as a basis for fur-
ther research.   (Author, abbr.)

87-475   983
Miksa, F.L.: User categories and user convenience in subject
cataloging. Orig.en. In: Library Literature 15 - the best of
1984. Scarecrow Press 1985. p.76-92