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*	Monographs on special topics at special subdivisions		***	Divisions according to Subject Groups as described and displayed in Int. Classif. 9(1982)2, p.87-93.	
**	CS & T stands for Classification Systems and Thesauri				

01 BIBLIOGRAPHIES

See also 8064, 8130, 8235, 8253

7870 Inst.f.Scient., Techn. and Econ.Inform.: Bibliographic Bulletin of the Clearinghouse IINTE. Supplement 1980... Orig. en. Warszawa: IINTE 1981. 56 p.

Lists the titles of 98 thesauri and the like or literature on thesauri with an index of authors, editors, corporate authors and a subject index.

7871 Infotenn: List of bibliographies of vocabularies. (Pt. of 818). Orig. en. Int.Classif. 1982 Vol 9, No 1, 31-32

7872 Laureilhe, M.-Th.: Bibliographie courante des thesauri et index parmatières. (Current bibliography of thesauri and subject indexes) Orig. fr.

Bull.81bl.France 1982 Vol 27, No 3. 151-155

Lists 79 titles according to broad subject areas. It is the 11th supplement to the bibliography which appeared 1969.

7873 Svenonius, E.: Book review of Wellisch, H.H.: Indexing and abstracting. An international bibliography. Santa Barbara 1980. Orig. en.

Infonn.Process.& Management 1982 Vol 18, No 2. 100-101

04 CLASSIFICATION SYSTEMS AND THESAURI

7874 Verb.d.Bibliotheken Land NRW. Ausschluß für Systematik: Allgemeine Systematik für Öffentliche Bibliotheken: ASB. (General classification system for public libraries) Orig. de. Bad Honnef: Bock u.Herchen 1981. 192 p., ISBN 3-88347-064-3

7875 Swetridge, C.: A list of subject headings for school and other libraries. Orig. en. Oxford, UK: School Libr.Assoc. 1981. XI,143 p., ISBN 0-900641-37-1

043 DEWEY DECIMAL CLASSIFICATION, DOC

7876 Comaromi, J.P.; Warren, M.J. (Eds.): DOC. DEWEY Decimal Classification. 301-307 Sociology. Expanded version based on ed.19. Orig. en. Albany, NY: Forest Press 1982. IX,52 p.

Contains introductory texts, the expansion, an index to topics found in the expansion, equivalence tables for the order of the 18th and the 19th ed, comparative table of numbers in ed 18 and 19 and a manual of application for the expansion.

7877 Rubio i Balaguer, J. (Comp.): Classificació Decimal adaptació per a les biblioteques catalanes. (Decimal Classification adapted to the Catalan libraries. 4th ed) Orig.Catalan. Barcelona: Edit.Teide 1982. 526 p., ISBN 84-307-7331-2

This 4th ed of an adapted Dewey Decimal Classification was issued by the author (shortly before his death at 95) together with his son, Prof.Rubio i Lois who had already collaborated with his father in editing the 3rd ed. The 1st ed appeared in 1920, the second in 1937 and the 3rd in 1976. The volume comprises the introductions, the common subdivisions and tables with discussions and explanations for classing (p.163-430) and an alphabetical index.

044 LIBRARY OF CONGRESS CLASSIFICATION, LCC and LCSH

7879 Greenberg, A.M.: An author index to Library of Congress Classification. Class P, Subclass PN, PR, PS, PZ. Orig. en. New York, NY: Dekker 1981. 80 p., ISBN 0-8244-1516-0

048 SPECIAL CLASSIFICATION SYSTEMS AND THESAURI

7880 Japan Inform. Center of Sci.& Technol. (JICST): Kagaku gijutsu yogo shisorasu. (Thesaurus for science and technology) Orig. Ja. Tokyo, JP 1981. 1700 p., ISBN 4-88890-006-8

7881 Golubeva, N.E. et al: Bilingual information retrieval thesaurus for organic compound classes - Russian-German/German-Russian. Orig. ru. Moskva: VINITI 1981. 192 p. The thesaurus comprises 700 descriptors and nondescriptors.

7882 Institution of Electrical Engineers (IEE). International Information Services for the Physics and Engineering Communities (INSPEC): INSPEC Thesaurus 1981. Orig. en. London, 1981 462 p., ISBN 0-85296-225-8
The new edition comprises some 9000 terms in electrical engineering.

7883 Bokij, G.B. et al: Minerals thesaurus (Russian-German and German-Russian). Vol.1, Pt.1. Orig. ru, de.

Moskva: VINITI 1981. 327 p.

Section 1 covers island silicates and section 2, chain silicates, or pyroxenes. The thesaurus includes 2131 terms among them 664 descriptors, 334 mineral species and 30 mixtures, 1339 synonyms and 108 structural types. (Author, abbr.)

7884 International Energy Agency (IEA). Coal Research Technical Information Service: Coal data base thesaurus 1980. Orig. en. London, GB 1980. 125 p., 2 refs., ISBN 92-9029-054-4

7885 Umweltbundesamt: Umweltthesaurus. (Thesaurus for environmental research) Orig. de. Berlin, DE 1981. 347 p.
The 3rd version of this thesaurus consists of a subject order with alphabetical suborder and an alphabetic order of all descriptors.

7886 National Library of Medicine, Bethesda, MD: Medical Subject Headings. Tree Structures 1982. Orig. en. Springfield, VA: NTIS 1981. 454 p., PB81-227472

7887 National Library of Medicine, Bethesda, MD: Pennuted Medical Subject Headings 1982. Orig. en. Springfield, VA: NTIS 1981. 369 p., PB81-227464

7888 Institut für Krankenhausbau, TU Berlin; Dt.Krankenhausinst., Düsseldorf: Thesaurus Krankenhauswesen. (Thesaurus on hospital building) Orig.de. Berlin, DE 1982. 205 p., OM 30.-
Contains some 1000 descriptors and some 2500 lead-in-terms. Main part alphabetic with a systematic section for the indication of hierarchical relationships. It serves the indexing of documents in HECLINET (Health Care Literature Information Network).

7889 Thesaurus of ERIC descriptors, Comp.l.rev. Orig. en. Phoenix, AZ: Dryx Press 1980. 439 p., ISBN 0-912700-53-X
Completely revised. Consists of 4 parts: (1) main.alphabetic (2) rotated, (3) hierarchical, and (4) descriptor group display. It also contains a list of invalid descriptors.

7890 Bibliothèque Nationale de Quebec: Cadre de classement des publications gouvernementales du Québec. (Classification scheme for the publications of the Quebec government). 3rd ed. Orig. fr. Montréal, CA: Gouvernement du Québec. Ministère des Affaires Culturelles 1978. 119 p. + Mise à jour, 1980
The general order is according to the different ministries and their subject fields. An additional order of 24 form classes are given as well as codes for the abbreviation of languages. For the author indication some kind of Cutter numbers are foreseen. There is an index to the scheme and a list of codes for different institutions, organisations, offices.

7891 Engineering Index (EI): Subject headings for engineering - SHE 1972 including 1981 supplement. Orig. en. New York, NY: Engineering Index 1980. 199 p., ISBN 0-911820-13-2
SHE contains more than 12 000 authorized permutations of main headings and specifically assigned or allowable subheadings.

7892 Curio, H.K. et al; Deutsche Lufthansa. Fachdokumentationsstelle; TU Berlin, Fachdokumentationsstelle Luftverkehr: Fachthesaurus Luftverkehr und Randgebiete. (Special thesaurus for air transportation and fringe fields) Orig. de. Köln, DE 1980. 750 p.
Contains 4400 descriptors and 15 000 nondescriptors. It has an alphabetic section, tables of 77 subject fields, list of air companies, list of countries and transportation areas.

06 CONFERENCE REPORTS, PROCEEDINGS

7893 (The role of action in the formation of knowledge). Orig.fr. Communicat.& Cognition 1981 Vol 14, No 4. 112 p.
This number of C&C contains 5 papers resulting from a symposium on the role of action in the formation of knowledge, held at the University of Quebec at Montreal in Oct.1976. The papers are in French: 7894 Morf, A.: Vers une epistemologie de l'objet. - 7895 Apostle, L.: Reflexions sur la théorie de l'action dialectique, implication et signification. - 7897 Grize, J.-B.: Discours et connaissances. - 7897 Grize, J.-B., Pierault-Le Bonniec, G.: Discours et contradiction. Une classification des contradictions. - 7898 Mey, M.de: Réussir et comprendre selon AI.

7899 Michell, G. (Ed.); Dictionary Soc.of North America. Continuing Educ., Indiana State Univ.: Papers of the Dictionary Society 1979. Orig. en. Terre Haute, IN 1982. 179 p., \$ 8.- for non-members, \$ 6.50 for members.
3 of the 11 papers may be of interest here, namely: 7900 Roe, K.: Progress report on a dictionary of the named theoretical concepts of biology. - 7901 Gold, D.L.: The ordering of lexemes in a dictionary. - 7902 Sherman, D.: A computer archive of machine readable dictionaries.

7903 Schulz, H.: IBK-Arbeitswoche in Gotha. (Week of work on the LBC in Gotha, GDR) Orig. de. Zbl.Bibl.wes. 1981 Vol 95, No 12, p.549-552, 6 refs.

During the week from 13-17 July 1980 the Soviet Library Bibliographical Classification and its problems of adaptability to the requirements of the GDR libraries were discussed.

7904 Shelov, S.D.: A symposium on scientific and technical lexicography. Orig. ru. Nauch.-tehn.inform., Ser.2 1981, No 6. The symposium was held on 20-21 Jan.1981 and was organized by the Chair of Mathematical Linguistics of the Leningrad University. Discussions centered around types of scientific and technical dictionaries, lexicographical problems arising in coining terms and trends in statistical lexicography.

7905 Tudman, M.(Ed.): National thesauri of cultural development. Preparation and evaluation. Orig. en. Zagreb: Inst.for Culture of Croatia 1982. 160 p.

The volume contains the reports of a Meeting on Preparation of National Thesauri of Cultural Development (UNESCO CC/CD/DOC/106) which took place from 23-25 March 1981 at Zagreb as well as a number of 7 papers presented together with some appendices. The papers were: 7906 Tudman, M.: Criteria for the translation, supplementation and evaluation of the International Thesaurus of Cultural Development. - 7907 Dienes, G.P.: Adaptation of the International Thesaurus of Cultural Development to national conditions. - 7908 Faché, W.: The preparation of the Dutch Thesaurus of Cultural Development and Leisure. 7909 Mleczko, F.W.: Polish studies in regard to the adaptation of the UNESCO International Thesaurus of Cultural Development. Facts and proposals. - 7910 Bradiceni, A.P.: Preliminary remarks on the preparation of national thesauri of cultural development. - 7911 Ministry of Culture, Madrid: Report on the project of publishing the UNESCO International Thesaurus of Cultural Development in Spanish. - 7912 Information Centre for Culture and Arts, Moscow: Evaluation of the possibility for employing the International Thesaurus of Cultural Development for the elaboration of the Russian national version. - Appendix: 7913 Tudman, M.; Boras, D.: A posteriori analysis of a thesaurus of cultural development: An attempt at the empirical evaluation and structuring of descriptors.

7914 Hine, J.U.: Headings in the right direction: report of a Sydney workshop. Orig.en. Cat.Australia 7(1981)No 2, p.6-16. Summaries of papers delivered during a workshop, 27 Mar. 1981 at the Library Assoc. of Australia New South Wales Branch on the topic "Subject Indexing for Locat History".

7915 Wheeler, A.; Price, J.H. (Eds.): Society for the Bibliography of Natural History: History in the Service of Systematics. Papers from the Conference to celebrate the Centenary of the British Museum of Natural History, 13-16 April 1981. Orig. en. London, GB 1981. V,164 p., figs.

7916 Cook, D. (Ed.): The Future of the Union Catalogue. Proc.of the Intern.Symp.on the Future of the Union Catalogue, University of Toronto, May 21-22, 1981. Orig. en. Cat.& Classif.Quart. 1982 Vol 2, No 1/2. 130 p. Contains the 9 papers of the conference with an introduction by D.Cook and a selected bibliography at the end.

7917 Crouch, C.J. (Ed.): Theoretical issues in information retrieval. Proc.4th Int.Conf.on Inform.Storage and Retrieval, Oakland, CA, May 31-June 2, 1981. Orig. en. Baltimore, MD: Assoc.Comp.Machinery, Order Dept.(POB 64145) 1981. 150 p. Among the 21 papers included in this volume (without discussions, etc.) there are the following ones which might be of interest to IC readers: 7918 Farradane, J.: The basis for a theory of information retrieval. - 7919 Robertson, S.E.: Term frequency and term value. - 7920 Wu, H.; Salton, G.: A comparison of search term weighting: term relevance vs.inverse document frequency. - 7921 Fraenkel, A.S.: Document classification, indexing and abstracting may be inherently difficult problems. - 7922 Smith, L.C.: Representation issues in information retrieval system design. - 7923 Nikkuni, M.; Tanaka, H.: Document contents representation model of sentence retrieval system SCAT-IR. - 7924 Carroll, J.M.: Content analysis as a word-processing option. - 7925 Shoval, P.: Expert/consultation system for a retrieval data-base with semantic network of concepts.

7926 Verein der Diplom-Bibliothekare u.wiss.Bibliotheken eV: Vorträge aus dem VdDB veranstalteten Arbeitskreisen. 71. Deutscher Bibliothekartag in Regensburg, 9.-13.6.1981. (Papers of Meetings at the 71st German Library Conference) Orig. de. Bochum, DE: Universitätsbibliothek 1982. 34 p. A special issue of the annual information bulletin of the VdDB contains 6 papers of lectures of which the following 3 should be mentioned here: 7927 Greiner, G.: Intellektuelles und automatisches Klassifizieren. (Intellectual and automatic

classification) - 7928 Ihm, P.: Grundlagen der Cluster-Analyse. (Foundations of cluster-analysis) - 7929 Lukas, E.: EDV-unterstützte Strukturierung einer Schlagwortliste mit Hilfe von Ausdehnungsrelationen: ein Beispiel aus einer sozialwissenschaftlichen Datenbasis. (Computer-supported structuring of a subject-headings list with the help of extension relations: an example from a social science database).

7930 Gopinath, M.A.: AGROVOC Workshop, 6-10 July 1981. Orig. en. Int.Classif. 1982 Vol 9, No 1. p.29

7931 Sigurd, B.; Svartvik, J.(Ed.): AILA 81 Proceedings 1. Sections and workshops. Abstracts of section papers and workshop summaries of the 6th Int.Congress of Applied Linguistics; Lund, 9-15 Aug.1981. Orig. en. Lund, SE: University of Lund 1981. 640 p., 400 refs., ISBN 91-7260-539-1. Contains the abstracts of 305 papers arranged in 14 sections.

7932 Ulijn, J.: Conference report on the 3rd European Symposium on LSP (Language for Special Purposes). Orig. en. UNESCO ALSIED-LSP Newsletter 1982 Vol 5, No 1, p.11-15. The 3rd biennial European Symposium on LSP was held at the Copenhagen School of Economics and organized by the LSP Centre, the UNESCO ALSIED LSP Network and the AILA Commission on LSP, Aug.17-19, 1981. Summaries of topics and critical evaluation. 40 papers were presented in 4 sections: 1. Text typology, 2. Speech acts and communication, 3. Terminology-Lexicography, Translation-Interpretation, 4. Didactics. More than 100 participants from 11 European and 10 non-European countries attended.

7933 (ECSSID) Working Group 3 General Meeting. Orig. en. ECSSID Bull.3-4 1981, No 3. p.3-5. ECSSID, the European Coordination Centre for Social Science Information and Documentation was the organizer of a meeting hosted by INION, Moscow, and held from 2-4 Sept.1981. A.o. it was concerned with the implementation of the Information Languages Compatibility (ILC) Project 1980-1981, discussion of the results gained and adoption of recommendations on future project activities. The 4 papers (by Zahradil, Vilenskaya, Dienes and Oimitrova) dealt with questions of comparison of the MISON Rubricator and the UDC, on testing the compatibility matrix in the field of culture and on experimental indexing and comparison between BSO and the MISON Rubricator.

7934 Short report on the 43rd session of the Committee FID/C3 in Zagreb. Orig. en. SSID Liaison Bull. 1982, No 1. p.20-21. The meeting was held at the National and University Library of Croatia, Zagreb, Oct.26-30, 1981. Another report appeared in FID News Bull. 32(1982)No.1, p.3-4

7935 Inst.f.Inform.wiss., Erfindungswes.u.Recht (INER), TH Ilmenau: Höhere Qualität und Wirksamkeit in der Information als Bestandteil von Forschung und Entwicklung und als Gegenstand des Rechts in Wissenschaft und Technik. (Higher quality and effectiveness in information as a part of research and development and as an object of law in science and technology. Proc.of the 12th INER Colloquy, Nov.9-12,1981) Orig. de. Ilmenau, DD: TH Ilmenau, INER 1981. 202 p., INER Schriftent.54

Contains the 17 papers of the first topic area of the 12th INER Colloquy, the following 5 of which pertain to the field of organization of knowledge. Introduction: 7936 Mater, E.: Intellectual and structural processes. - 7937 Laus-Maczynska, K.: Experimentelles System einer automatisierten Indexierung (Experimental system of automatic indexing). - 7937 Reball, S.: Funktion und Nutzen von Informationssprachen. (Function and use of information languages). - 7938 Scheller, B.: Bewertungskriterien für die Extraktion faktographischer Angaben (Evaluation criteria for data extraction) - 7939 Poetsch, E.: Die Anwendung von Informationssprachen für die Erfassung faktographischer Angaben. (Application of information retrieval languages for data description).

7940 Strohl-Goebel, H.(Ed.): Deutsche Gesellschaft für Dokumentation eV: Kleincomputer in Information und Dokumentation. Deutscher Dokumentartag 1981, Mainz, 5.-8.10.1981. (Proc.of the Conference on Microcomputers in Information and Documentation of the German Documentation Society 1981) Orig. de. München etc.: K.G.Saur 1982. 735 p.

Among the 59 papers given in 14 Sessions and Committee-Meetings there were 3 sessions which may be of interest to the readers of this service, namely "Terminology of the new media", "Results of information-linguistic research in automated subject analysis", and "Informetrics in Information Retrieval". The papers: 7491 Brepohl, K.: Die Sprachverwirrung im Bereich der elektronischen Kommunikation (Language confusion in the area of electronic communication). - 7942 Mendes de Léon, C., Vollmer, J.: Neue Medien. Medienterminologie im europäischen Raum (New media. Media terminology in the Euro-

pean area). - 7943 Seeger, T., Strauch, D.: Probleme der Strukturierung und Systematisierung der sogenannten AV-Medien (Neue Medien) unter terminologischen Gesichtspunkten (Problems of structuring and systematizing the so-called AV-Media (new media) under terminological points-of-view. -- 7944 Lustig, G.: Das Projekt WAI: Wörterbuchentwicklung für automatisches Indexing (Project WAI: Dictionary development for automatic indexing). - 7945 Werner, H.: Indexierung auf linguistischer Grundlage am Beispiel von JUDO-DS (1). (Linguistically based indexing exemplified by JUDO-DS (1)). - 7946 Rostek, L.: Probleme des Retrieval mit Nominalgruppen. (Retrieval problems with noun groups). - 7947 Schulz, G.F.: Probleme der automatischen Indexierung mit Nominalgruppen. (Problems of automatic indexing with noun groups). - 7948 Schwarz, Ch.: Komplexe Nominalgruppen als Indexierungseinheiten am Beispiel des Projektes CONDOR. (Complex noun groups as indexing units exemplified by the Project CONDOR). -- 7949 Konrad, E.: Modelle für Information Retrieval Systeme. (Models for IR systems). - 7950 Henzler, R.: Informetrische Auswertungen bei der Online Retrieval Praxis. (Informetric evaluation in the online retrieval practice) - 7951 Huther, H.: Theoretische Berechnungen im Zusammenhang mit der Type-Token Relation (Theoretical computations in connection with the type-token relation). - 7952 Bollmann, P.: Probleme des Messens und Bewertens beim Information Retrieval (Problems of measuring and evaluation in information retrieval).

7954 Universal Classification. Subject Analysis and Ordering Systems. 4th FID/CR Conference, Augsburg, June 28-July 2, 1982. Program. Orig.en. Int.Classif. 9(1982)No 1, p.33-35

7955 Dahlberg, I. (Ed.): Universal Classification I. Subject Analysis and Ordering Systems. Proc.Int.Study Conf.on Classification Research, 6th Ann.Conf.of Ges.f.Klassif., Augsburg 28 June - 2 July 1982, Vol.1. Orig. en. Frankfurt, DE: INDEKS Verl. 1982. 360 p., ISBN 3-88672-010-1 F10-Publ. 615 Volume 1 contains those papers handed in early enough for printing before the conference. A connection to the 3rd FID/CR Conference was provided through: 7956 Beck, H.: Book review of the Proceedings of the 3rd Int.Study Conf.on Classification Research, FID/CR, Bombay, Jan.6-11, 1975. The papers are listed according to the four topics:

(1) General Principles and Policies of Classification Systems
7957 Grolhier, E.de: Classifications as cultural artefacts.
7958 Foskett, D.J.; Bury, S.: Concept organisation and universal classification systems. - 7959 Rolland-Thomas, P.: Towards the establishment of the validity of encyclopedic library classification systems. - 7960 Kashyap, C.M.M.: General theory of measurement and theory of subjects. - 7961 Wellisch, H.H.: A new classification of the world's languages. - 7962 Mills, J.: Practice and theory in a general classification: the new Bliss Classification (BC2). - 7963 Gopinath, M.A.: Application of General Systems Theory to the Classification theory of Ranganathan. - 7964 Austin, D.: Basic concept classes and primitive relations. - 7965 Felber, H.; Nedobity, W.: The basis of Wüster's classification research. - 7966 Eisenwort, W.: Remarks on certain foundational problems of a general theory of terminology. - 7967 Gödert, W.: Library subject analysis in tension between universality and subject specialty. 7968 Wahlin, E.: Analysis of different ordering principles in the area 'Technology' (T), 'Industry' (I) and 'Material Culture' (M) - the TIM Project.

(2) Structure and Logics of Indexing Languages
7969 Svenonius, E.: Indexical contents. - 7970 Bhattacharyya, G.: Classaurus: Its fundamentals, design and use. - 7971 Richmond, Ph.: Classification in syndetic structures. - 7972 Craven, T.C.: The representation of facets in a general concept network for index display generation. - 7973 Ciganik, M.: Fuzzy faceted thesaurus construction. - 7974 Devadason, F.J.; Ramanujam, M.K.: Computer-aided construction of an 'alphabetic' classaurus. - 7975 Sechser, O.: Theoretical generalizations in retrieval system research, their objectivity and relevance. 7976 Krishan Kumar: Theoretical bases for universal classification systems. - 7977 Glickert, P.: Gradational classification: A topic-tagging scheme for computerised production of a scannable list. - 7978 Mark Pejtersen, A.: A new approach to the classification of fiction. - 7979 Austin, J.: The AMP classification system for fiction: Trial applications and retrieval tests. - 7980 Bonner, R.: Community information classification research project: user oriented empirical methods of classification construction.

(3) Empirical Investigations and Practical Use
7981 Borko, H.: The role of classification in online retrieval systems and automated libraries. - 7982 Kelm, B.; Maassen, B.: Weiterentwicklung der Sacherschließungsarbeit an der Deutschen Bibliothek. - 7983 Joita, E.; Atanasiu, P., Teodoru, V.: The use of ordering systems by different user groups. 7984 Cochrane, P.: Classification as a user's tool in online public access catalogs. - 7985 Travis, I.L.: Faceted classification in an online environment. - 7986 Williamson, N.J.:

Videotex information retrieval systems: the logical development and optimization of tree structures in a general online interactive system. - 7987 Schabas, A.H.: Videotex information systems: Complements to the tree structure. 7988 Burkart-Sabsoub, M.; Wersig, G.: Empirical classification research as a basis of information policy. - 7989 Malanga, G.: Classifying and screening journal literature with citation data. 7990 Rigby, M.: The use of the UDC in automated terminology data banks. - 7991 Swaydan, N.: The universal classification and the needs of libraries in developing countries. (4) Numerical Methods in Classification
7992 Meder, N.: Family resemblance and empirical classification, cluster analysis: Its philosophy of science and strategy of research. - 7993 Krauth, J.: Models of the measurement of similarity. - 7994 Löffler, G.: Cluster-Strukturvergleiche - Ein Ansatz zur Zusammenhangsanalyse multivariat definierter Raumstrukturen. - 7995 Krishnamurthy, E.V.; Venkateshkar, H.S.: A relational data-base system and query language for storage, manipulation and retrieval of virus data.

07 TEXT BOOKS (whole field)
See also 8042, 8131, 8132

7996 Krishan Kumar: Theory of classification. 2nd rev.ed. Orig. en. New Delhi: Vikas 1979. 510 p., ISBN 0-7069-0797-3 In 36 chapters a multitude of topics is treated comprising the field of classification science mainly according to the Ranganathanian understanding of classification theory. It starts with basic concepts and terminology, introduces into the major schemes, into the Colon Classification concepts, and covers the history of library classification, revision work, computers and classification, their use, the classification societies, etc.

7997 Wajenberg, A.S.: Book review of Buchanan, B.: Theory of library classification. London 1979. Orig. en. Cat.& Classif.Quart. 1982 Vol 1, No 4. p.72-73

7998 Bavakutty, M.: Canons of library classification. Orig. en. Trivandrum: Kerala Library Assoc. 1981. 152 p.

7999 Prasad, H.N.: Book review of Bavakutty, M.: Canons of library classification. Trivandrum 1981. Orig. en. Herald Libr.Sci. 1981 Vol 20, No 3/4. 277-278

09 STANDARDS, GUIDELINES

8000 Règles d'établissement des thésaurus monolingues. (Rules for the establishment of monolingual thesauri) Orig. fr. Documentaliste 1982 Vol 19, No 2. p.70-71, 1 fig. Introduction into the French standard Z47-100 of Dec.1981 which corresponds to ISO 2788.

1 THEORETICAL FOUNDATIONS OF CLASSIFICATION

11 ORDER AND CLASSIFICATION
See also 7893-7897, 7957, 7960, 7996

8001 Egerod, S.: To what extent can genetic-comparative classifications be based on typological considerations? Introduction. Orig. en. In: Typology & genetics of language. Copenhagen 1980. p.115-139 Two further contributions discuss this issue in the volume; these are by E.P.Hamp (p.141-144) and by E.J.A.Henderson, (p.145-152).

8002 McLachlan, H.V.: Buchanan, Locke and Wittgenstein on classification. Orig. en. J.Inform.Sci. 1981 Vol 3, No 4. p.191-195, 5 refs. The author concludes his essay by stating: "Buchanan's account of classification is contentious. However, his comment on the mental nature of classification, which I have associated with Locke's linguistic mentalism, seems to me to be defensible. On the other hand, his claim that class members necessarily share something in common with other class members seems to be to be without foundation."

8003 Husanov, M.; Egorov, Ju., Marufi, M.: The role of the categories of structure and function in the cognition of the laws of functioning and development. Orig. ru. Uzbekistonda izhtimoiy fanlar 1981, No 3. p.29-37

12 CONCEPTOLOGY IN CLASSIFICATION
See also 7922, 7958.

8004 Beck, H.: Book review of Dahlberg, W.(Ed.): Wissensstrukturen und Ordnungsmuster. Proc.4th Annual Meeting, Ges.f.Klas-

sifikation on Structures of knowledge and patterns of order. Salzburg, 16-19 April 1980. Frankfurt 1980. Orig. de. Zbl.Bibl.wes. 1982 Vol 96, No 2. p.82-85

8005 Vogt, R.: Book review of Dahlberg, W.(Ed.): Wissensstrukturen und Ordnungsmuster. (Structures of knowledge and patterns of order). Frankfurt 1980. Orig. de. Mitteilungsbl. Verb. Bibl. NRW 1982, No 1. p.102-103

8006 Frumusani, D.R.: La définition et l'acte de définir. (Definition and the act of defining). Orig. fr. Rev. Roum. de Linguistique 1981 Vol 26, No 2. p.137-144

8007 Barantsev, R.G.: System triad of definition. Orig. en. Int. Forum Inform. Doc. 1982 Vol 7, No 1. p.9-13, 33 refs. Aiming at synthetic definitions the author combines the "analytic, qualitative and substantial aspects into a system triad of the concept to be defined. This triad expresses the unity of rational, emotional and intuitional spheres of thought. The concept of a system combining elementness, relatedness and wholeness is an ideal, a model, a canon of the system definition". (Author, abbr.)

8008 Rassa, G.: Zur gnoseologischen Bedeutung von Definitionen in Fachsprachen. (On the gnoseological significance of definition in technical languages) Orig. de. In: Begriff, Sprache, Zeichen in Philosophie, Natur- und Technikwissenschaften. Rostock 1980. p.17-18

8009 Ivanov, S.P.: On the use of component analysis for correcting dictionary definitions of terms. Orig. ru. In: Voprosy Tekstiki i grammatiki slavjansk.jaz. Djepropetrovsk 1981. p.29-36

8010 Smith, R.N.: On defining adjectives - Pt. III. Orig. en. Dictionaries 1980/81, No 2-3. p.28-38, 11 refs. A new strategy is proposed for relating an adjective entry word to the complement in its definition. The formulae listed make more explicit the semantic interpretation of the words. The categories used by lexicographers for the organization of the various senses of an adjective within an entry enable users to locate the appropriate definition for the context in mind. The essentially syntagmatic nature of adjectives is thus demonstrated and the relationship between the entry word and another word related to it proves the paradigmatic character of a lexicon.

8011 Wichmann, H.: Die Erschließung eines Begriffs, dargestellt am Beispiel der optischen Kohärenz. (Concept analysis exemplified by 'optical coherence') Orig. de. Lebende Sprachen 1982 Vol 27, No 2. p.53-58, 31 refs. Outline of a way to arrive at an understanding of the concept 'optical coherence' and its concept field followed by a trilingual juxtaposition of the relevant concepts and terms.

8012 Hogeweg-de-Hart, H.P.: Characteristics of social science information; a selected review of the literature. Orig. en. Budapest: FID/SD 1981. 82 p., 64 refs., {available from FID, PO Box 90401, NL-2500 LK, The Hague} Survey on the scope of the social science disciplines (excluding the humanities) as included in various classification systems and information activities in various countries and account of the characteristics of social science information as found in the literature accessible to the author: altogether 64 books and articles from the past 13 years.

8013 Oeser, E.: Book review of Stock, W.G.: Wissenschaftliche Informationen - metawissenschaftlich betrachtet. (Scientific information looked at from a metascientific point-of-view) Orig. de. Int. Classif. 1982 Vol 9, No 1. p.42-43

8014 Hohnhold, I.: Grundbegriffe im Bereich und im Umfeld übersetzungsorientierter Terminologearbeit. (Basic concepts in the area of translation-oriented terminology work. Definitions and comments) Orig. de. Lebende Sprachen 1982 Vol 27, No 1. p.1-5, 16 refs.

14 SYSTEMS THEORY IN CLASSIFICATION

See also 7963

8016 Popkov, Ju.S. (Ed.): Complex systems research methods. Papers of a seminar, VNI. Orig. ru. Moskva 1981. 112 p.

8017 Bykova, E.V.; Kropova, V.V., Klykov, Ju.I.: The organization of knowledge in semiotic decision-making systems. Orig. ru. Interaktiv. sistemy, Kn.2. Tbilisi, SU 1981. p.141-144

8018 Sagatovski, V.N.: The systemic activities and their philosophical interpretation. Orig. ru. In: Sistem. issled. 1980. Moskva, SU 1981. p.52-68, 23 refs.

15 PSYCHOLOGY OF CLASSIFICATION

8019 Monsell, S.: Representations, processes, memory mechanisms: The basic components of cognition. Orig. en. J. ASIS 1981 Vol 32, No 5. p.378-390, 101 refs. An introduction to research exploring the basic components of cognitive skill and their organization. Four areas of research are reviewed: the perception of objects and words, the distinction between short- and long-term memory mechanisms; the retrieval of remembered episodes and facts; attention, performance and consciousness. (Author, abbr.)

8020 Meermann, H.: Erkennen und Ordnen der Wirklichkeit. (Recognition and ordering of reality) Orig. de. MPG (Max-Planck-Gesellschaft) Spiegel 1982 Vol 1. p.37-38 Report on basic research concerning the development of thinking and memorizing as objectives of the new Max-Planck-Institut for Psychological Research, Munich.

8021 Mitchell, T.M.: Generalization as search. Orig. en. Artificial Intelligence 1982 Vol 18. p.203-226, 21 refs.

8022 Barr, A.; Feigenbaum, E.A. (Eds.): The handbook of artificial intelligence, Vol.1. Orig. en. Stanford, CA: Heuristic Press 1981. 409 p., 470 refs., ISBN 0-86576-005-5

8023 Barrow, H.G.: A point on artificial intelligence: The results achieved in the field of artificial intelligence and its future development. Orig. it. Sist. e automaz. 1981 Vol 27, No 216. p.479-487

8024 Kolombetti, M.: On the structure of knowledge in a human intelligence model. Orig. ru. Predstavljenie znanij i modelir. processa ponimanija. Novosibirsk 1980. p.3-16, 9 refs.

8025 Narin'jani, A.S. (Ed.): Representation of knowledge and the modelling of the process of understanding. Orig. ru. Nauch. trud., VC. SO AN SSSR. Novosibirsk 1980. 178 p.

16 DEVELOPMENT OF SCIENCE AND CLASSIFICATION

8026 Depenchuk, H.P. et al: Materialist dialectics and the structure of natural-scientific knowledge. Orig. ru. Kiev: Naukova Dumka 1980. 354 p.

8027 Mirskij, Z.M.: On the subject of interdisciplinary research. Orig. ru. Sistem. issl. 1980. Moskva 1981. p.69-83

8028 Young, R.: Interdisciplinary studies: a classifier's problem. Orig. en. Jogger J. 1980, No 1. p.59-61

8029 Philosophy and the Weltanschauung problems of modern science: the 16th World Philosophical Congress. Orig. ru. Moskva: Nauka 1981. 381 p.

8030 Erkomashvili, V.I.: On the nature of empirical knowledge. Orig. ru. Vopr. filos. 1981, No 6. p.94-103

8031 Glushkov, V.M.; Ursul, A.D.: Mathematisation of scientific knowledge (problems of Weltanschauung and methodology). Orig. ru. Filos. i mirovozzrecheskie probl. sovrem. nauki. Moskva 1981. p.175-217, 56 refs.

8032 Ustilovskij, K.A.: Stages in the practical realisation of scientific knowledge. Orig. ru. Nauka i razvitie obshchestv. otnoshenij. Sverdlovsk, SU 1980. p.35-37, 4 refs.

8033 Gvishizni, D.M.: The problem of mastering the scientific-technical progress. Orig. ru. Filos. i mirovozzrechesk. probl. sovrem. nauki. Moskva 1981. p.329-356

17 PROBLEMS IN CLASSIFICATION

See also 7986-7, 8109

8034 Gonnar, P.: LC or Dewey?. Orig. en. Current Studies in Librarianship 1980 Vol 4, No 1-2. p.13-21, 21 refs.

8035 Montgomery, Ch.: Where do we go from here?. Orig. en. In: Oddy, R.N. et al; Information retrieval research; London, Butterworths 1981. p.370-385, 20 refs.

18 CLASSIFICATION RESEARCH

8036 Deweze, A.: Réseaux sémantiques. Essai de modélisation. Application à indexation et à la recherche de l'information documentaire. (Semantic networks. Attempt at a modelling. Application to indexing and documentary information retrieval) Orig. fr. Thesis University Lyon 1981. 451 p. Summary in Documentaliste 19(1982)No.1, p.38

19 HISTORY OF CLASSIFICATION

8037 Gebhardt, W.: Zur Geschichte der Sachkatalogisierung an der Universitätsbibliothek Tübingen 1817-1961. (On the history of subject cataloguing at the university library of Tübingen from 1817 until 1961) Orig. de. Bibliothek. Forsch.u.Praxis 1982 Vol 6, No 1/2. p.74-88

8038 Lerch, I.: Das Dokumentationshilfsmittel Thesaurus. (The thesaurus as documentation tool) Orig. de. Bibliothek. Forsch.u.Praxis 1982 Vol 6, No 1/2. p.47-73
Development of the concept "thesaurus" between 1945 and 1979 is discussed on the basis of literature on documentation. It is compared with the structure of selected technical thesauri from the same time period. (Author)

8039 Rodriguez, R.D.: Classification and subject indication: Highlights of the Anglo-American debate, 1850-1950. Orig. en. Libri 1981 Vol 31, No 4. p.323-340, 19 refs.

8040 Schneiders, P.: De Bibliotheek- en Dokumentatiebeweging 1880-1914; Bibliografische Ondernemingen rond 1900. Thesis University of Amsterdam. Orig. nl. 1982. 254 p., 437 refs.
The dissertation (in Dutch) is summarized at the end in English. It describes library activities and important international and national Dutch projects in the field of bibliographical control during the period 1880-1914. Thus is also touched upon developments concerned with the UDC mainly through the work of Otlet.

2 STRUCTURE AND CONSTRUCTION OF CS

21 GENERAL QUESTIONS OF CS AND THESAURI

See also 7935, 8038, 8079

8041 Pearson, C.: The echelon counter: a new instrument for measuring the vocabulary growth rate and the type-token relationship. Orig.en. Communicating Information. ASIS 80. White Plains, NY: Knowledge Ind.Publ. 1980. p.364-366

8042 Barushkova, R.I.: The subject authority as an STI classification system: A methods manual. Orig. ru. Moskva: IPKIP 1980. 38 p.
The manual discusses multipurpose upper-level subject authorities used in information systems (GSNTI and ISTIS) and information publications as well as general considerations applying to specialised subject authorities. (Author, abbr.)

8043 Kamenskii, A.G.: Use of a thesaurus in information retrieval. Orig. en. Linguistics 1980 Vol 14, No 6. p.32-

8044 Kodina, L.I.; Gilyarevskij, R.S.: The application spheres of a classification scheme. Orig. ru. Nauch.tehn.inform., Ser.1 1982, No 1. p.22-26, 10 refs.

8045 Reisner, P.: Human factors studies of database query languages.. A survey and assessment. Orig. en. Comput.Surveys 1981 Vol 13, No 1, p.13-31, 48 refs.
Empirical studies have been undertaken to measure the ease of use of a query language, compare two or more such languages for ease-of-use, study controversial issues in query language design, and provide feedback to designers for improving a language. (Author, abbr.)

8046 Swaydan, N.M.: Classification in Arab libraries. A comparative study of the Arabic subjects in the standard classification schemes. Orig. ar. Riyadh: Mars Publ.House 1981. 173 p., 18 refs.
The purpose of the study was an examination of the suitability of the Colon Classification, the DDC, the LCC or the UDC for classing Arab materials. The study was limited to problems in the fields of Islamic Religion, Arabic language and literature, history of Arabs and Muslims and geography of Arab states. It was found that none of the major schemes can satisfy the needs of Arab libraries. Therefore a special classification scheme should be prepared for these purposes.

22 ELEMENTS OF CS AND THESAURI

See also 7914, 7919, 7968

8047 Peccatte, P.: Les modèles mathématiques de la structure d'un thésaurus et la relation d'équivalence. (The mathematical models of a thesaurus structure and the equivalence relationship) Orig.fr. Paris: CNAM 1981. 43 p., 29 refs. = Mem.INTD.

8048 Gasthuber, H.: Sachmerkmale nach DIN 4000. (Characteristics according to DIN 4000) Orig. de. Forum Ware 1981 Vol 9, No 1/2. p.45-49

Comprehensive review of the volume named in the title with papers dealing with methodological and practical aspects of lines of subject characteristics and critical conclusions as to the low degree of compatibility of the system with other existing systems for similar intentions. Harmonization activities are proposed. (Author, abbr.)

8049 Batty, D.: Life begins at 40. The resurgence of facet analysis. Orig. en. Lunin, L.F.(Ed.); The information community. Proc.44 ASIS Ann.Meeting. Washington, DC, 25-30 Oct. 1981; White Plains, NY: Knowledge Ind.Publ. 1981. p.340-342
Forty years after the principles of faceted classification were crystallizing into Ranganathan's PMEST formula there is now a growing acceptance of facet analysis as a basis for index language construction also in the US. The paper examines the phenomenon and offers an explanation. (Author, abbr.)

8050 Maassen, B.: Man sollte das alles nicht so eng sehen. Einige Bemerkungen zum "engen" Schlagwort. (Remarks on the specific descriptor) Orig. de. Z.Bibl.wes.Bibliogr. 1981 Vol 28, No 5. p.353-359

8052 Tomasić-Beck, J.: Linguistic analysis of the terms of a technical thesaurus. Orig. pl. Warszawa 1981. 118 p., Pr./IINTE No.35
The analysis covers about 1239 lexical units which comprise 397 multiword terms. The terms were related to their categories. Problems connected with definitions of concepts are discussed. They are considered of great importance for the translation of terms from natural to controlled language.

8053 Jones, K.P.: Problems associated with the use of compound words in thesauri, with special reference to BS 5723:1979. Orig. en.J.Doc. 1981 Vol 37, No 2. p.53-68

It is proposed that the major criteria for handling compound words should rest upon their orthography, lexicography and semantics, with special attention being given to the possible occurrence of homographs. BS 5723 is criticized for failing to pay sufficient attention to the requirements of mechanized systems, and for its partial failure in not recording the divergent needs of pre- and post-coordinate systems. (Author, abbr.)

23 CONSTRUCTION OF SC AND THESAURI

See also 7929, 7970, 7973, 7974, 8000

24 RELATIONSHIPS

See also 7920, 7964, 7971, 7972, 7985, 7995, 8047

8054 Scheel, H.: Quantitative Relationen zwischen Deskriptoren und Nichtdeskriptoren in Thesauren. (Quantitative relationships between descriptors and non-descriptors in thesauri) Orig. de. Informatik 1981 Vol 28, No 4. p.27-29
Investigation involved some 40 thesauri. With the help of regression analysis it was found that the number of non-descriptors increases at a slower rate than the number of descriptors, so that the share of non-descriptors of a vocabulary decreases with the growing number of descriptors.

8055 Meder, W.: Das logische UNO beim Information Retrieval. (The logical AND in information retrieval) Orig. de. Nachr.Dokum. 1982 Vol 33, No 3, p.117-123

8056 Sechser, O.: Link indicators and other means of cohesion indication in retrieval languages - syntactic and logico-semantic properties. Orig. en. Inform.Process.& Management 1982 Vol 18, No 2. p.65-97
The paper deals with the formal properties, structural consequences, similarities and differences of link indicators, brackets, and (cohesion) separators. The method of analysis is based upon formal (generative) grammars employed to define the syntax of the description (indexing) and query sublanguages and upon correspondence rules used to specify each particular formal relevance mapping. The approach facilitates formulation of new ideas about translatability and retrieval power of retrieval languages. (Author, abbr.)

8057 Horecky, J.: Zu Bedeutungsbeziehungen zwischen den terminologischen Benennungen. (On semantic relationships between terms) Orig. de. Fachsprache 1982 Vol 4, No 2. p.50-54, 2 refs.

8058 Salton, G.; Wu, H.: A term weighting model based on utility theory. Orig.en. Oddy, R.N. et al; Information retrieval research; London, GB: Butterworths 1981. p.9-22, 19 refs.

8059 Wu, H.; Salton, G.: The estimation of term relevance weights using relevance feedback. Orig. en. J.Doc. 1981 Vol 37, No 4. p.194-214, 23 refs.

8060 Yu, C.T.; Lam, K., Salton, G.: Term weighting in information retrieval using the term precision model. Orig. en. J.ACM 1982 Vol 29, No 1. p.152-170, 21 refs..

A mathematical model is used to relate the term precision weights to the frequency of occurrence of the terms in a given document collection and to the number of relevant documents a user wishes to retrieve in response to a query. This provides for the assignment of user-dependent weights to the content identifiers and related the term precision weights to other well-known term weighting systems. (Author,abbr.)

8061 King, W. F. III: Relational database systems: Where we stand today. Orig. en. GI-10. Jahrestagung. Berlin, DE 1980. p.15-44, 44 refs.

8062 Konolige, K.: A metalanguage representation of relational databases for deductive Q-A systems. Orig. en. Proc.7th Int. Joint Conf.on Artificial Intelligence, Vol.1. 1981. p.496-503

8063 Micco, H.M.: An exploratory study of three subject access systems in medicine: LCSH, MESH, PRECIS. Orig. en. Ann Arbor, MI: University Microfilms Int. 1980. 163 p. PhD thesis of the University of Pittsburgh in which the 'see also' reference structures of the 3 subject access systems mentioned above are examined. 3 variables were evaluated - subject area coverage, browseability, and flexibility. Maps were developed for the subject headings in each system. Gaps in coverage were identified and inconsistencies in terminology control. (Acc.to author)

25 NUMERICAL TAXONOMY
See also 7928, 2992-5

8064 Perruchet, C.; Centre National d'Etudes des Télécommunications: Bibliographie pour l'étude des problèmes de validité en analyse des données. (Bibliography for studying validity tests about data analysis) Orig. fr. Issy Les Moulineaux, FR 1982. 36 p., NT/PAA/ATR/MTI/579 Lists some 170 titles in alphabetical order of the authors.

8065 Bailey, T.A.Jr; Dubes, R.: Cluster validity profiles. Orig. en. Pattern Recognition 1982 Vol 15, No 2. p.61-83

8066 Stanfel, L.E.; Chen, J.Y.: A counter-example to a clustering heuristic (Letter to the Editor). Orig. en. Inform.Syst. 1981 Vol 6, No 3. p.229-230
In addition to his article (Experiments with a very efficient heuristic for clustering problems. (Inform.Syst.4(1979) p.286-292) the author(s) want to point out gross distance properties that affect convergence to an optimal solution. These reflect the gap between examining all possible partitions and settling for a faster but more cursory sample. They conclude with an argument in favor of divisive methods over agglomerative ones for their problem.

8067 Lumelsky, V.J.: A combined algorithm for weighting the variables and clustering in the clustering problem. Orig. en. Pattern Recognition 1982 Vol 15, No 2. p.53-60, 10 refs.

8068 Scher, A.; Shneier, M., Rosenfeld, A.: Clustering of collinear line segments. Orig. en. Pattern Recognition 1982 Vol 15, No 2. p.85-91, 4 refs.

8069 Perruchet, C.; Centre National d'Etudes des Télécommunications: Hierarchie indicée de séries formelles. (Indicated hierarchy of formal series) Orig. fr. Issy Les Moulineaux 1981. 9 p., 5 refs., NT/PAA/ATR/MTI/549
An application of hierarchical classification to a precise mathematical structure is proposed. The study wants to show also how and why classification procedures permit to understand the structure of a field of very strictly organized data.

8070 Perruchet, C.: Hierarchie indicée d'entiers. (Indicated hierarchy of integers) Orig. fr. Issy Les Moulineaux, FR 1982. 10 p., 7 refs., NT/PAA/ATR/MTI/597

8071 Postaire, J.-G.: An unsupervised Bayes classifier for normal patterns based on marginal densities analysis. Orig. en. Pattern Recognition 15(1982)No 2. p.103-111, 9 refs.

8072 Adamson, G.W.; Bawden, D.: Comparison of hierarchical cluster analysis techniques for automatic classification of chemical structures. Orig. en. J.Chem.Inform.Comput.Sci. 1981 Vol 21, No 4. p.204-209, 19 refs.

8073 Miyashita, Y. et al: The use of cluster analysis and display method pattern recognition in structure-activity studies of antibiotics. Orig. en. In: Glaeser, P.S.(Ed.); Data

for science and technology. Proc.7th Int.CODATA Conf., Kyoto, JP, 8-10 Oct.1980; Oxford, GB: Pergamon Press 1981. p.71-75, 10 refs.

8074 Krauth, J.: Techniques of classification in psychology II: Cluster analysis, typal analysis, configural frequency analysis, regression analysis. Orig. en. Int.Classif.9(1982) No.1, p.1-10, 74 refs.

8075 Bley, H.: Book review of Kazmierczak, H.(Ed.): Erfassung und maschinelle Verarbeitung von Bilddaten. Grundlagen und Anwendungen. Wien 1980. (Input and machine processing of pictorial data. Foundations and applications. Vienna 1980) Orig. de. Int.Classif. 1981 Vol 8, No 3. p.167-168

26 NOTATION. CODES
See also 8133

27 REVISION, UPDATING, STORAGE AND MAINTENANCE OF CS & TH

8076 Dickinson, E.M.: Report of the Racism and Sexism in Subject Analysis Subcommittee to the RTSD/CCS Subject Analysis Committee, Midwinter 1980. Orig. en. Chicago, IL: Amer.Lib. Assoc., Resourc.& Techn.Serv. Div. 1980. 55 p., ED-192 730
Directed toward the eradication of sexual and racial bias in bibliographic systems the subcommittee reports its progress in the identification of areas of classification systems and subject headings requiring change. Policy statements and guidelines were formulated pointing to the need for changes in LCC, DDC and other systems.

28 COMPATIBILITY AND CONCORDANCE BETWEEN INDEXING LANGUAGES
See also 7933

8077 Husain, S.S.: An indexing system: switching language for integrating automated information networks. Orig. en. Ann Arbor, MI: University Microfilms Int. 1981. 221 p. PhD Thesis from the Case Western Reserve University. An account of the basic concepts, problem areas, and operational characteristics and techniques of switching languages, concentrating particularly on the design and development of Classified Concept Coordinate Indexing as providing the necessary switching mechanism for information transfer in a network. It is based on a synthesis of pre- and post-coordinate indexing and enables free coordination of diverse concepts, through keyword inverted indexing based on an a priori set of classes. (Author)

8078 Kozlova, E.K.; Lesohin, M.M.: Integration of tree-like thesauri. Orig. ru. Inzh.lingv.i optimiz.prepodavaniya inostr.jazykov; Leningrad, SU 1980. p.85-89

8079 Proskurov, V.S. et al: Information classification and classification schemes. Orig. ru. Obespechivajushch.podsistemy ASPR Gosplana RSFSR. Moskva 1981. p.104-142, 14 refs.

8080 Sager, J.C.; Somers, H.L., McNaught, J.: Thesaurus integration in the social sciences. Pt.II: Steps towards integration. Orig. en. Int.Classif. 1982 Vol 9, No 1. p.19-26
Describes the methodology of the study, proposes methods for successful integration involving a descriptor bank as an interim stage towards the objective of an integrated thesaurus and formulates a checklist for the full linguistic, formal and technical description of thesauri.

3 CLASSING AND INDEXING (METHODOLOGY)

31 THEORY OF CLASSING AND INDEXING
See also 7969, 8039

8081 Fraenkel, A.S.: Document classification, indexing and abstracting may be inherently difficult problems. Orig. en. SIGIR Forum 1981 Vol 16, No 1. p.77-82, 11 refs.
Concludes that even the most efficient algorithm for exact indexing is not, at least at the present time, bounded by a polynomial time function.

8082 Diodato, V.P.: Author indexing. Orig. en. Spec.Lib. 1981 Vol 72, No 4. p.361-369, 9 refs.

32 SUBJECT ANALYSIS
See also 7924, 7938, 7939, 8232

8083 Hoffmann, E.: Defining Information II. A quantitative evaluation of the information content of documents. Orig. en. Inform.Process.& Management 1982 Vol 18, No 3. p.133-139

- Defines the information unit (IU) and its connectivity (C). The total quantity of information contained in a document is a function of the number of information units and their connectivities.
- 8084 McGregor, D.R.; Malone, J.R.: The fact database: A system based on inferential methods. Orig. en. In: Oddy, R.N.(Ed.) et al; Information retrieval research. London, GB: Butterworths 1981. p.203-217, 17 refs.
- 8085 Schek, H.-J.: Methods for the administration of textual data in database systems. Orig. en. In: Oddy, R.N.(Ed.) et al; Information retrieval research. London, GB: Butterworths 1981. p.218-235, 39 refs.
- 8086 Condenser (1981)No.2, Microfiche. Orig.fr
The Research Group on Information Condensation in Natural Language (C.I.L.N.) (ADOSA, B.P.467, F-63013 Clermont-Ferrand CEDEX) invites interested colleagues to learn about their work in the field of information languages and representation. It issues a microfiche service of which the No.2 contains the following contributions: 8087 Pouzet, R.: Typologie. 8088 Hadjadj, D.; Rousseau-Payen, N.: Selection de l'information. - 8089 Bellot-Antony, M.: Bibliographie commentée. 8090 Fes, G.G.; Fauchère, P.-M.: Le système documentaire Verctingetorix 1 (a suivre).
- 8091 Kuznetsov, G.I.; Kabantsev, G.G.: Paradigmatic and syntagmatic correction of patent documents before entering them into an automatic information retrieval system. Orig. ru. Nauchno-tehn.inform., Ser.2 1981, No 12. p.7-10, 2 refs.
- 8092 Knorz, G.: Mustererkennung im Bereich der inhaltlichen Erschliessung von Texten. (Pattern recognition in the area of subject analysis of texts) Orig. de. In: Radig, B.(Ed.); Modelle und Strukturen: DAGM-Symposium Hamburg, Oct.1981. Heidelberg-New York: Springer Verlag 1981. p.33-39
- 33 CLASSING AND INDEXING TECHNIQUES
See also 7921, 7926
- 8093 Knorz, G.: Indexieren als Erkennen von Dokument-Deskriptorbeziehungen. Konzept und Ergebnisse. (Recognition of document-descriptor relationships by indexing) Orig. de. Angew.Informatik 1982, No 1. p.1-10
- 8094 Robertson, S.E.; Rijsbergen, C.J.van, Porter, M.F.: Probabilistic models of indexing and searching. Orig.en. In: Oddy, R.N. (Ed.) et al; Information retrieval research. London, GB: Butterworths 1981. p.35-56
- 8095 Crawford, R.G.; Macleod, I.A.: Modular indexing in a relationally based document retrieval system. Orig. en. Canadian J.Inform.Sci. 1981 Vol 6. p.67-75, 8 refs.
- 8096 Shillingford, A.D.: Personal indexing systems. Orig.en. In: Abrams, H.(Ed.); Meeting the information needs of the process industries' symposium and exhibition. Manchester, 10-11 Jan.1979. London: Inst.of Chemical Engineers 1979. 7 p.
- 8097 Olsgaard, J.K.: Keyword indexing of a faculty reprint collection. Bull.Med.Lib.Assoc. 69(1981)No 4, p.397-9, 4 refs.
- 8098 Bakewell, K.G.B.: Book review of Richmond, Ph.: Introduction to PRECIS for North American usage. Littleton, CO, 1981. Orig. en. Indexer 1982 Vol 13, No 1. p.65-66, 3 refs.
- 8099 Ramsden, M.J.: PRECIS. A workbook for students of librarianship. Orig. en. London, GB: C.Bingley 1981. 152 p., ISBN 0-85157-334-7
Textbook evolving out of teaching experience at the Royal Melbourne Institute of Technology, Australia.
- 8100 Bakewell, K.G.B.; Peters, H.J.: Book review of Ramsden, M.J.: PRECIS. A workbook for students of librarianship. London 1981. Orig.en. J.Libarianship 13(1981)No 4. p.269-270
- 8101 Schabas, A.H.: Book review of Ramsden, M.J.: PRECIS. A workbook for students of librarianship. London 1981, and of Richmond, P.A.: Introduction to PRECIS for North American usage. Littleton, CO 1981. Orig. en. Cat.& Classif.Quart. 1982 Vol 1, No 4. p.63-65
- 8102 Detemple, S.: PRECIS. Orig. en. Bibliothek. Forsch.u. Praxis 1982 Vol 6, No 1/2. p.4-46
The Preserved Context Index System of the British Library is described on a purely linguistic basis. The foundations of its multilingual use are given and modifications allowing the applicability of the system in the German language are discussed. (Author)
- 8103 Verdier, V.: Final report of the PRECIS/Translingual project. Orig.en. London, GB: British Library 1982?. 7 p., BLRD Report 5631
- 8104 Peters, H.: User reactions to PRECIS in the British Education Index. Orig. en. Educ.Lib.Bull. 1981 Vol 24, No 2, p.20-31, 2 refs.
- 8105 Chmielewska-Gorczyca, E.: Farradane's method of relational indexing. Orig. pl. Zag.inform.nauk 1981, No 1. p.83-97, 4 refs.
- 8106 Duckitt, P.: The value of controlled indexing systems in online full text databases. Orig. en. 5th Int.Online Information Meeting. Proceedings. London, GB, 8-10 Dec.1981. Online Review 1981. p.447-453, 14 refs.
- 34 AUTOMATIC CLASSING AND INDEXING
See also 7936, 8097, 8118, 8218
- 8107 Salton, G.: Recent approaches to indexing and query processing at Cornell University. Orig. en. Bull.du Centre de Hautes Etudes Int.d'Inform.Doc.(CID) 4(1981)No 4. p.35-41
- 8108 Nishida, F.; Takamatsu, Sh.: Structured-information extraction from patent-claim sentences. Orig. en. Inform.Process.& Management 1982 Vol 18, No 1. p.1-13, 12 refs.
A patent-claim sentence is converted to the internal form of a case structure by a semi-automatic parsing. The internal form is normalized and the specified information is efficiently extracted by referring to a specification table given every special branch. The latter consists of several subframes which specify the items to be extracted in a standard case structure. The extracted information is stored in relational tables for relational retrieval and some precision-oriented retrieval using role-indicators. (Author,abbr.)
- 8109 Campbell Purton, A.: Microcomputers for home indexing: A report and guide. Orig. en. Indexer 13(1982)No 1, p.27-31, 2 refs.
- 8110 Mahakuteshwar, H.Y.: Automatic Keyword in Context (KWIC) Indexing. Orig. en. Lucknow Librarian 13(1981)No 1, p.1-12
- 8111 Graichen, D.: Thesaurusabhängiges Indexieren medizinischer Befunde mit INDEX 2. Orig.de. Informatik 28(1981)No 4, p.30
- 8112 MacWilliams, J.: Automatic assignment of pre-coordinate subject headings from free-floating descriptors. Orig. en. In: Lunin, L.F.(Ed.); The information community. Proc.44th Annual Meeting. Washington, DC, 25-30 Oct.1981. White Plains, NY: Knowledge Ind.Publ. 1981. p.240-242
- 8113 Dillon, M. et al: The use of automatic indexing for authority control. Orig. en. J.Lib. Automat. 1981 Vol 14, No 4. p.268-277, 2 refs.
- 8114 Fischer, H.G.: CONDOR - Modell eines integrierten DB-/IR-Systems für strukturierte und unstrukturierte Daten. (CONDOR - a model of an integrated DB-/IR-system for processing structured and unstructured data) Orig. de. Nachr.Dokum. 1982 Vol 33, No 2. p.53-62
- 8115 Panyr, J.: Interpretation der automatischen Klassifikation bei der Dokumentgrobrecherche. (Interpretation of automatic classification in information retrieval - rough search of documents) Orig. de. Int.Classif. 1982 Vol 9, No 1. p.11-18, 17 refs.
- 8116 Sager, N. et al: Research into methods for automatic classification and fact retrieval in science subfields. Orig. en. New York, NY 1980. 93 p., New York University. Linguistic String Project, Rpt.No.13
- 36 CODING
- 8118 Craven, T.C.: Automatic NEPHIS coding of descriptive titles for permuted index generation. Orig. en. J.ASIS 1982 Vol 33, No 2. p.97-101, 11 refs.
Simple automatic coding of most descriptive titles generates NEPHIS (Nested Phrase Indexing System) input strings of sufficiently good quality for permuted index production. The coding algorithm is based on assumptions about three ranks of delimiter, and about phrase-element dependency, in title language; NEPHIS facilitates human recoding of the few titles violating these assumptions. Initially implemented in DECsystem-10 DPL, but applicable also to microcomputer systems, the algorithm requires only brief lists of delimiters. (Author)

8119 Bonchev, D.; Balaban, A.T.: Topological centric coding and nomenclature of polycyclic hydrocarbons. I: Condensed benzenoid systems (polyhexes, fusenes). Orig. en. J.Chem.Inf.Comput.Sci. 1981 Vol 21, No 4, p.223-229, 30 refs.

37 RECLASSIFICATION

8120 Williams, F.M.: A challenge to change: Necessary changes in the library classification system for the Chicago public schools. Orig. en. San Diego, CA: Western School of Law 1979. 220 p., ED-187 337

8121 Rubinton, Ph.: Reclassification in a psychiatric library collection. Orig. en. Behav.Soc.Sci.Librarian 1980 Vol 1, No 4. p.281-283
Describes the simple method of reclassification used by the Payne Whitney Clinic Library (the Department of Psychiatry Library of the New York Hospital-Cornell Medical College) when it changed from its unique DietheIm Classification system to the National Library of Medicine system. (Author)

38 INDEX GENERATION AND PROGRAMS

8122 Arad, A.: Indexes as estimates of the amount of information in the indexed material. Orig. he. Yad La-Kore 1980 Vol 19, No 4. p.216-222

8123 Burton, D.M.: Automated concordances and word indexes: the process, the programs and the products. Orig. en. Computers and the Humanities 1981 Vol 15. p.139-154, 113 refs.

8124 Heckscher, W.S.: The unconventional index and its merits. Orig. en. Indexer 1982 Vol 13, No 1. p.7-25

8125 Armstrong, C.: Software for printed indexes. Orig. en. London, GB: Aslib 1981. 98 p., ISBN 0-85142-142-3, BRL0 Report 5622

8126 Crépoux, E.: Les logiciels documentaires Mistral et Stairs dans la perspective du texte intégrale. (The documentation programs Mistral and Stairs in the perspective of an integrated text). Orig. fr. Documentaliste 1982 Vol 19, No 3. p.87-91

8127 O'Brien, T.C.: St. Thomas Aquinas. Summa Theologiae. Vol. 61. General Index. Orig. en. London, GB: Eyre & Spottiswoode 1981. XVIII, 383 p., ISBN 0-413-35610-8

39 EVALUATION OF CLASSING AND INDEXING

8128 O'Neill, E.T.; Aluri, R.: Evaluation of indexing for large online information systems. Orig. en. In: Lunin, L.F. (Ed.); The Information Community. Proc.44th ASIS Annual Meeting, Washington, DC, 25-30 Oct.1981. White Plains, NY: Knowledge Ind.Publ. 1981. p.104-106, 7 refs.

8129 Schabas, A.H.: Postcoordinate retrieval: A comparison of two indexing languages. Orig. en. J.ASIS 1982 Vol 33, No 1. p.32-37, 10 refs.

4 ON UNIVERSAL SYSTEMS

41 ON UNIVERSAL CLASSIFICATION SYSTEMS IN GENERAL

See also 7959, 7967, 7976, 7991, 7997-8

42 ON THE UDC

See also 7934, 7990, 8040, 8156, 8311

8130 Bibliographical survey of UDC editions. Orig. en. The Hague: Feder.Int.Doc. 1982. V, 73 p., 45.- hfl, FID Publ. 573, ISBN 92-66-00573-8
Includes the official publications authorising changes to the UDC, the published editions of UDC, and textbooks on UDC.

8131 Piotrowski, A.: Didactic guidance on the subject "Universal Decimal Classification". Orig. pl. Warszawa 1981. 59 p., Mater.szkolen./CINTI NO.18

8132 Sotnikova, A.P.: The Universal Decimal Classification: a manual. Orig. ru. Moskva: IPKIP 1981. 70 p.

8133 Regt, W.F.de: Der Doppelpunkt in der OK. (The colon in the UDC) Orig. de. DK-Mitt. 1981 Vol 25, No 5. p.23-25
Investigations into the use of the colon in different older UDC editions and conclusions about its function and correct use.

8134 Pedersen, J.: Concerning the main structure of a new schedule for psychology within the Universal Decimal Classification. Orig. en. Int.Forum Inform.Doc. 1982 Vol 7, No 2. p.16-21

8135 Moulin-Boirot, F.: Réflexion critique sur la Classification Decimale Universelle à propos de la classe 37: éducation - enseignement. (Critical reflexions on the UDC with regard to class 37: education - teaching) Orig. fr. INTER COI 1981 Vol 9, No 54. p.35-37

8136 Orlinkova, O.L., et al: Classification of documentation on gluing and glues using UDC. Practical recommendations. Orig. ru. Nauchn.i Tehn.Bibl.SSSR 1981, No 2. p.19-21

8137 Schiopu, I.: Suggestions for division 801.32, word presentation and arrangement (in dictionaries, encyclopedias etc.). Orig. en. Probi.inform.doc. 15(1981)No 3, p.179-181

8138 Kačar, O.: The use of UDC in the catalogues of medical libraries. Orig. pl. Informatika 14(1980)No 4, p.179-184, 11 refs.

43 ON THE DOC

See also 8034

8139 DDC. DEWEY Decimal Classification. Additions, Notes and Decisions, Vol.4(1981)No.2, 56 p.

The number contains news from Forest Press, information on priorities for the assignment of DOC numbers at the Library of Congress, on a manual of application for edition 19, on guidelines to users for reactions to the proposed revision of 780 Music, Annual Reports of the Decimal Classification Editorial Policy Committee 1979-1980, 1980-1981, and a report to RTSO, CCS Executive Committee on SAC Hearing on Dewey Decimal Classification, Feb.2, 1981. The p.14-53 are occupied by corrections, changes and new numbers in edition 19.

8140 Batty, C.D.: An introduction to the 19th edition of the Dewey Decimal Classification. Orig. en. London, GB: C.Bingley 1981. 168 p.

8141 Mahapatra, M.; Pati, S.M.: Concept specification in Dewey Decimal Classification: A report of a pilot project on literature. Orig. en. Ann.Libr.Sci.& Doc. 28(1981)No.1-4, p.77-89, 5 refs.

The conventional approaches of classifying documents on literature according to the DOC showed certain drawbacks while retrieving all the concepts dealt with in the document to scholars of the discipline. This was due to certain non-conventional approaches of the scholars as well as publishers. An analysis into their approaches was made and modifications to the DDC notation were suggested keeping the order of the notation as far as practicable intact. The users' reactions to the new procedures showed encouraging results. (Authors)

8142 The Norwegian Dewey Committee - what do they really do?. Orig. no. Bok og Bibliotek 1980 Vol 47, No 4. p.474-475

8144 Gardner, J.: Law options in Dewey 19. Orig.en. National Library Bull., (Papua, New Guinea) 1980 Vol 1, No 2. p.15-18

8145 Bentley, P.: The Dewey Decimal Classification and music. Orig. en. Cat.Australia 1980 Vol 6, No 3. p.27-42, 9 refs.

8146 Ostgard Lund, G.: Charting of Dewey users in Norway. Orig. no. Bok og Bibliotek 1980 Vol 47, No 2. p.132-133

44 ON THE LCC AND LCSH

See also 8034

8147 Perreault, J.M.: Latest vs. contemporaneous place names in Library of Congress subject headings. Orig. en. Cat.& Classif.Quart. 1982 Vol 1, No 2-3. p.29-69, 4 refs.
Attempt at clarifying the structure and use of place names as elements in Library of Congress subject headings, considering citation order, period of coverage, form of phrase, grammatical form and types of place names.

45 ON THE BLISS CLASSIFICATION

See also 7962

8148 Garside, K.: Book review of Mills, J., Broughton, V. (Eds.): Bliss Bibliographic Classification, 2nd ed. London 1977-. Orig. en. J.Doc. 1981 Vol 37, No 2. p.98-102
Review of the first four volumes pointing out that the 2nd edition is a recast to the extent to have become a new classification system.

8149 Gopinath, M.A.: Book review of Mills, J., Broughton, V., Lang, V. (Eds.): Bliss Bibliographic Classification, 2nd ed. Class H: Anthropology, Human Biology, Health Sciences. London 1980. Orig. en. Int. Classif. 1981 Vol 9, No 1. p.40

46 ON THE COLON CLASSIFICATION

8150 Sachdeva, M.S.: Colon Classification: Theory and practice. 2nd ed. Orig. en. New Delhi: Sterling Publ. 1980. 277 p.

47 ON THE LIBRARY BIBLIOGRAPHICAL CLASSIFICATION (BBK) See also 7903

8151 Ecker, J.: Die Optimierung der adaptierten Klassifikationsschemata der sowjetischen Bibliothekarisch-Bibliographischen Klassifikation. (Optimization of the adapted classification scheme of the Soviet Library Bibliographical Classification) Orig. de. Zbl. Bibl. wes. 1982 Vol 96, No 1. p.26-30

8152 Panov, A.A. (Ed.): Methods of improvement of the Library-Bibliographical Classification and its application in the USSR Academy of Sciences Library. Orig. ru. Leningrad, SU 1980. 174 p.
Contains the following papers: 8153 Panov, A.A.: On the applicability and improvement of the Soviet Library-Bibliographical Classification in BAN SSSR. (p.8-16) - 8154 Komarova, V.P.: Personalia in the LBC social sciences schedules (p.17-30) - 8155 Lazurkina, V.B.: LBC categorial analysis with reference to some subjects in the biological sciences (p.96-102) - 8156 Nekrasov, B.V.: A comparative study of LBC and UOC (p.114-119) - 8157 Muzyleva, L.N.: Physico-geographical characteristics of the LBC common divisions (p.157-166).

8158 Schulz, H.: Der Stand der Arbeiten an der Adaption der mittleren Ausgabe der sowjetischen Bibliothekarisch-Bibliographischen Klassifikation (BBK/M). (The work accomplished in adapting the medium edition of the Soviet Library-Bibliographical Classification (LBC/M)) Orig. de. Zbl. Bibl. wes. 1982 Vol 96, No 1. p.24-26

8159 Zhurzhalina, N.P.: The Soviet Library-Bibliographical Classification (BBK). Orig. en. Inform. Hotline 1981 Vol 13, No 3. p.23-25

48 ON OTHER UNIVERSAL SYSTEMS

8160 Beck, H.: Von der SAB zur KAB. Gedanken zur Weiterentwicklung der Klassifikation für Staatliche Allgemeinbibliotheken und Gewerkschaftsbibliotheken. (Reflections of the further development of the classification for public and trade-union libraries) Orig. de. Zbl. Bibl. wes. 1982 Vol 96, No 3. p.97-110
Critical evaluation of the newly completed KAB as a standard classification, meant to serve for the shelving of books and the organization of catalogues. It mentions its functions and character, order and harmony of the subjects, notation and common subdivisions as well as the alphabetical list of subject headings. (Acc. to Author)

8161 Coates, E.J.: The Broad System of Ordering: With some reference to its possible use as a referral tool in connection with online systems. Orig. en. Scientia Yugoslovica 1981 Vol 7, No 3-4. p.177-187

8163 Keim, B. (Comp.): Deutsche Bibliothek: Sachgruppen der Deutschen Bibliographie. Warengruppen für den Buchhandel. Leitfaden zu ihrer Vergabe. (Subject groups of the German Bibliography. Commodity groups for the book trade. Guidelines for their application) Orig. de. Frankfurt/Main: Buchhändler-Vereinigung 1982. 103 p., Arbeitshilfe der Deutschen Bibliothek, Bd.4.
Beginning 1982 the German Library changes its 35 years old practice in grouping its series A, B, N, and H no more longer according to 24 subject groups but to 65 ones. These 65 have been elaborated according to the UDC, although the UDC-character is not visible anymore in the result. A concordance between these subject groupings and the UOC was therefore added (p.83-86) as well as a concordance between the old and the new groupings.

8164 Maassen, B.: Neue Sachgruppeneinteilung für das Wöchentliche Verzeichnis. Ergebnisse einer Umfrage der Deutschen Bibliothek. (A new division for the subject groupings of the Weekly List. Results of an inquiry of the German Library) Orig. de. DK-Mitt. 1981 Vol 25, No 5. p.25-26
Presentation of the new subject groupings and analysis of the enquiry involving 270 answered questionnaires.

8165 Maassen, B.: Ordnung in 79 Punkten. Eine Umfrage der Deutschen Bibliothek. Auch Warengruppensystematik. (Order in 79 instances. An inquiry of the German Library. Also a commodity classification system) Orig. de. Börsenbl. Dt. Buchhandel 1981 Vol 37, No 73. p.2126-2127, 2 refs.

8166 Koivunen, H.: Subject heading list. Orig. fi. Kirjastoletti 1981 Vol 74, No 4. p.185-187
Proposal to elaborate a new subject headings list with a thesaurus structure comprising some 10 000 - 20 000 terms within the next 3 years to replace the list of 1941.

8167 Scibor, E.: The Polish Subject Classification - origin, structure and application. Orig. pl. Pr. INTÉ 1980, No 34. p.15-28, 15 refs.

6 ON SPECIAL SUBJECT CS

62 ON CS FOR AREA 2 AND 3 FIELDS (Matter and Cosmos)

8168 Mishchenko, G.L.; Vatsuro, K.V.: A new form of thesaurus for organic reactions. Orig. en. Autom. Doc. Math. Linguistics 1980 Vol 14, No 6. p.26-

8169 Shingareva, F.A.: A linguistic automaton's information language. Orig. ru. Inzh. lingv. i optimiz. prepodavaniya inostr. Jazykov. Leningrad, SU 1980. p.31-71

64 ON CS FOR AREA 4 FIELDS (Bio Area, Plants and Animals) See also 7915, 7930

8170 Anzaldi, C. et al: Classification of a bibliographic archive on fodder crops using an automated documentation system - SNELL. Orig. it. Roma 1979. 40 p., 3 refs., Istituto per le Applicazioni del Calcolo "Maurio Picone". Quaderni; Ser. III, No.103

8171 Horvath, P.: The AGROVOC Thesaurus. Orig. ru. Bjul. NTI/MS AGROINFORM 1982 Vol 9, No 1. p.31-33

8172 Drozd, K.: The indexing languages used in the Food Management Information System in Poland. Orig. ru. Bjul. NTI/MS AGROINFORM 1981 Vol 8, No 2. p.94-98

8173 Gittel, L.: Klassifizierung von Umweltbedingungen (IEC Arbeit). (Classification of environmental conditions) Orig. de. DIN-Mitt. 1982 Vol 61, No 6. p.343

65 ON CS FOR AREA 5 (Human Beings) See also 8063, 8209, 8211

8174 Sviridov, N.K.; Varfolomeeva, V.N.: Subject headings and thesaurus on Clinical Roentgenology and Radiology. Orig. ru. Nauch.-tehn. inform. Ser. I 1981, No 9. p.20-21, 4 refs.

8175 Doucet, J.-F.: KREATEK: une banque de données pour les sciences de la créativité. (KREATEK: a data bank for the sciences of creativity) Orig. fr. Documentaliste 1982 Vol 19, No 3. p.112-113
The classification system given consists of 5 classes with 16 subclasses altogether. The article extends on the following topics: Information and creativity. The databank KREATEK. The classification of the collection. Indexing the Kreatek documents. Users of KREATEK.

8176 Booth, B.: VIP manual: guidelines and procedures for ERIC vocabulary improvement. Orig. en. Washington, DC: Educ. Resources Inform. Center 1978. 104 p., ISSN ED-188 621

66 ON CS FOR AREA 6 (Socio-Area) See also 7980, 8080

8177 Rettig, J.: A classification scheme for local government documents collections. Orig. en. Government Publ. Rev. 7A 1980, No 1. p.33-39, 3 refs.

8178 Aimetti, M.: Le thésaurus de liaisons analogiques entre concepts: un outil d'aide à l'utilisation des systèmes documentaires. (The thesaurus with analogue relations between concepts: a tool for application in documentation systems. Thesis, University of Montpellier) Orig. fr. Montpellier, France 1981. 147 p., 3 p. refs.

8179 Bauer-Bernet, H.: A propos des thésaurus juridiques. (Concerning legal thesauri) Orig. fr. Consiglio Nazionale delle Ricerche. Ist. per la Doc. Giuridica; Pre-Proceedings of the Int. Study Congress on Logica, Informatica, Diritto, Florence, 6-10 April 1980. Firenze, IT 1981. p.120-156

8180 Bernad, C.: Les thésaurus de l'IRETIJ comme l'instrument d'aide à l'interrogation d'un système documentaire automatisé. (The IRETIJ thesauri as tools for retrieval in a computerized documentation system) Orig. fr. Consiglio Nazionale delle Ricerche. Ist. per la Doc.Giuridica; Pre-Proceedings of the Int.Study Congress on Logica, Informatica, Diritto, Florence, 6-10 April 1980. Firenze 1981. p.176-202

8181 Mazet, G.: Les thésaurus sectoriels de l'IRETIJ comme modèle sémantique en informatique juridique. (The branch thesauri of the IRETIJ as semantic model in legal informatics) Orig. fr. Consiglio Nazionale delle Ricerche. Ist.per la Doc.Giuridica; Pre-Proceedings of the Int.Study Congress on Logica, Informatica, Diritto. Florence, 6-10 April 1980. Firenze, IT 1981. p.537-552

8182 Hafner, C.O.: Representation of knowledge in a legal information retrieval system. Orig. en. In: Oddy, R.N. et al; Information retrieval research. London, GB: Butterworths 1981. p.139-153, 19 refs.

8183 Lepiorz, W.-D.: Projekt 'Landeskundliche Klassifikation' der ASPB: Aufruf zur Mitarbeit. (A classification for local collections: An appeal for cooperation) Orig. de. Bibliotheksdienst 1981, No 6. p.483-486

67 ON CS FOR AREA 7 (Economics, Production)

8184 Toldi, D.: Elaboration rules for a data thesaurus in the fields of public and national economics and administration. Orig. sh. Informatol.Yugosl. 1981 Vol 13, No 1-4. p.153-156

8185 Zhigalina, N.V.: A comparative study of information languages used in the handling of economic data. Orig. ru. Vopr. modelir. i proektir. tehnol. sistemah obrab. dannyh. Moskva 1980. p.71-79, 7 refs.

8186 Sovalov, M.S.: Interrogation languages for economic information systems. Orig. ru. Interaktiv. sistemy, Kn.1. Tbilisi, SU 1981. p.90-101

8187 Leonard: Le classement des commandes au service achat du groupe Sacillor-Sollac. (The classification of orders in the procurement group of Sacillor-Sollac) Orig. fr. Bull. du CIMAB 1982, No 2. p.17-20

68 ON CS FOR AREA 8 (Science and Information)

8188 Karachinskaya, I.A.: Standardization of terms of the major types of information publications. Orig. en. Sci.Tech.Inform.Process. 1980, No 2. p.81-84

69 ON CS FOR AREA 9 (Language, Culture, Religion)
See also 7905, 7961, 7978-9

8190 Coseriu, E.: Essential criteria for the establishment of linguistic typologies: Introduction. Orig. en. In: Typology and genetics of language. Copenhagen 1980. p.157-170
Discussion remarks by Anderson, J.A. (p.179-191) and by Seiler, H. (p.171-177)

8191 Mackesy, E.M.: The MLA thesaurus of linguistic, library and folkloric terms. Orig. en. In: Lunin, L.F.(Ed.); The information community. Proc.44th ASIS Annual Meeting, Washington, DC, 25-30 Oct.1981. White Plains, NY: Knowledge Ind.Publ. 1981. p.324-327

8192 Kojokaro, A.: Subject classification of fiction in the Holon municipal library. Orig. he. Yad La-Kore 1981 Vol 20, No 1-2. p.45-50, 4 refs.

8193 Schneider, K.: Thesaurus zur Erschließung von Musik nach Anlass, Zweck und Inhalt. Ein Projekt des Deutschen Bibliotheksinstituts (DBI). (Thesaurus of music classification according to motive, purpose and content. A German Library Institute project) Orig. de. Forum Musikbibliothek 1980, No 1, p.27-34, 8 refs.

8194 Molholt, P.: The art and architecture thesaurus. A project report. Orig. en. Visual resources 1980 Vol 1, No 2/3. p.193-199, 1 ref.

8195 Molholt, P.: Art and architecture thesaurus. Orig. en. In: Lunin, L.F.(Ed.) et al; The information community. Proc. 44th ASIS Annual Meeting, Washington, DC, 25-30 Oct.1981; White Plains, NY: Knowledge Ind.Publ. 1981. p.320-323

8196 Junkjavichos, S.K.: Some methodological problems in the construction of aesthetics thesauri. Orig. ru. Vestn.MGU.Filos. 1981. p.64-73

8197 Morgan, Th.: A faceted classification scheme for mythology and related subjects. MA Thesis. University College. Orig. en. London, GB 1979. 156 p.

7 CLASSIFICATION AND LANGUAGE

71 GENERAL PROBLEMS OF NATURAL LANGUAGE

See also 7931

8198 Dreizin, F.: Book review of Nalimov, V.V.: In the labyrinths of language: a mathematician's journey. Philadelphia 1981. Orig. en. Int.Classif. 1982 Vol 9, No 1. p.43-45

8199 Brettschneider, G.; Lehmann, C. (Eds.): Wege zur Universalienforschung. Sprachwiss.Beitr.zum 60.Geburtstag von Hansjakob Seiler. Orig.de. Tübingen: G.Narr Verl. 1980. 588 p., Tübinger Beitr.z.Linguistik, Bd.145

8200 Chlenova, S.F.: Structural types of language universals. Orig. ru. Teor.i prikl.aspekty vychisl.lingv. Moskva 1981. p.29-70, 22 refs.

8201 Zhivov, V.M.; Uspenskij, V.A.: Language description and language universals. Orig. ru. Teor.i prikl.aspekty vychisl.lingv. Moskva 1981. p.3-28, 27 refs.

72 SEMANTICS

See also 7925, 8036

8202 Jones, K.P.: Book review of Baldinger, K.: Semantic theory: towards a modern semantics. Oxford 1980 (Translation). Orig. en. J.Doc. 1981 Vol 37, No 4. p.225-226, 4 refs.

8203 Shal'apina, Z.M.: Semantic elements, semantic relations and their interconnections in the system of elementary semantic units. Orig. ru. In: Predstavlenie znaniy i modelir.processa ponimaniya. Novosibirsk, SU 1980. p.31-46, 28 refs.

8204 Sgall, P.: The level of linguistic meaning. Orig. en. Prague Bull.Math.Linguist. 1981, No 35. p.3-40

8205 Vyshkin, E.G.: Apropos the semantics of a term in a special text. Orig. ru. Vopr.analiza spec.teksta. Ufa, SU 1980. p.13-17

8206 Szomolanyi, J.: The use of non-classical logic semantics to analyse the logic of inexact terms. Orig. sb+sk. Inform.a riad.syst.mimor."C" 1980. p.24-53, 15 refs.

8207 De, P.; Sen, A.: Knowledge representation of a data base by a semantic network. Orig. en. Int.J.of Policy Analysis & Inform.Syst. 1982 Vol 6, No 1. p.25-45, 24 refs.
The approach presented here uses a hierarchical view for the structure and a semantic network model to represent the knowledge. The network is based on concepts and their interrelationships. The concepts are represented as nodes of the network and the relationships as directed edges. Algorithms are provided to construct such a semantic net. (Author, abbr.)

8209 Gomez, F.; Chandrasekaran, B.: Knowledge organization and distribution for medical diagnosis. Orig. en. IEEE Trans.Syst.Man Cyb. 1981 Vol 11, No 1. p.34-42

8210 Richter, G.: Utilization of data access and manipulation in conceptual schema definitions. Orig. en. Inform.Syst. 1981, Vol 6, No 1, p.53-71, 18 refs.

8211 Sager, N.; Tick, L.; Story, G.; Hirschman, L.: A CODASYL-type schema for natural language medical record. Orig. en. Proc.4th Ann.Symp.on Comp.Appl.in Med.Care, IEEE. 1980. p.1027-1033, Linguistic String Project, New York University
The schema described here represents the medical events and facts identified through natural language processing. The latter decomposes each narrative into a set of elementary assertions, represented as MEDFACT records in the database.

8212 Ungeheuer, G.: Lamberts semantische Tektonik des Wortschatzes als universales Prinzip. (The semantic vocabulary tectonics of Lambert as universal principle) Orig. de. Wege zur Universalienforschung. Tübingen, DE 1980. p.87-93

8213 Zehnder, K.A.; Thurnherr, B.: Dynamic consistency constraints in the conceptual schema and their connections with the external schema. Orig. en. GI-10. 10 Jahrestagung, Berlin, DE. 1980. p.181-195, 5 refs.

8214 Boguraev, B.K.; Sparck Jones, K.: A general semantic analyzer for data base access. Orig. en. Proc.7th Int.Joint Conf. on Artificial Intelligence, Vol.1. 1981. p.443-445

73 AUTOMATIC LANGUAGE PROCESSING
See also 7951

8215 Cort, J. de: Nominale Komposita aus drei oder mehr Konstituenten. Bemerkungen zu der Komposition in der wissenschaftlichen Fachsprache der Wirtschaft. (Compound nouns consisting of three or more components. Remarks on composition in scientific terminology of economics) Orig. de. Fachsprache 1982 Vol 4, No 1. p.18-32, 28 refs.

8216 Mukhopadhyay, A.: A backend machine architecture for information retrieval. Orig. en. In: Oddy, R.N. (Ed.) et al; Information retrieval research. London, GB: Butterworths 1981. p.296-309, 13 refs.

Outlines the use of high-speed pattern matching, string processing, and other non-numeric operations for the basic search module in large textual databases or IR systems. A structured approach was also used as well as functional separation of the parts of the backend machine directly related to the high-level query language.

8217 Carradec, R.; Saada, G.: Aide à la compréhension automatique de textes en langage naturel, en vue de leur indexation. (Assistance in the automatic understanding of texts in natural language with regard to their indexation) Orig. fr. Bull.Centre de Hautes Etudes Int.d'Informatique Documentaire (C.I.O.) 1981 Vol 4, No 4. p.21-27

8218 Knorz, G.; Putze, G.: Textverarbeitung zur Vorbereitung und Durchführung einer automatischen Indexierung. (Text handling for automatic indexing) Orig. de. Mossido, P.R.(Ed.); Textverarbeitung u.Informatik. Bayreuth 1980. Heidelberg/New York: Springer 1980. p.139-163, = Informatik Fachber., Bd.3D

74 GRAMMAR PROBLEMS
See also 7946-7948, 8052

8219 Narin'jani, A.S.(Ed.): Formal description of the natural language structure: A collection of papers. Orig. ru, Novosibirsk, SU: VC SO AN SSSR 1980. 175 p.
The numbers 8220, 8222, 8228 and 8229 belong to this collection of papers.

8220 Gaichova, E., Sgall, P.: Functional sentence perspective and its place in the description of language. Orig. ru. In: Formal'n.opisanie struktury estestv.jaz.. Novosibirsk, SU 1980. p.39-60, 25 refs.

8221 Platek, M.; Svejdarova, H.: Dependency grammars with non-context-free rules. Orig. en. In: Prague Bull.Math.Linguist. 1980, No.34. p.65-71, 4 refs.

8222 Bider, I.G.; Dobrina, K.N.: A formal method of syntax description. Orig.ru. In: Formal'n.opisanie struktury estestv.jaz. Novosibirsk, SU 1980. p.124-146, 6 refs.

8223 Martin, W.A.: Roles, co-descriptors, and the formal representation of quantified English expressions. Orig.en. Amer.J.of Comput.Linguistics 7(1981)No 3, p.137-148, 30 refs.
A scheme is proposed for representing the logical form of English sentences, wherein the meaning of a network node depends on how it is related through "role-in" links to nodes representing more aggregate entities. It is argued that roles are a natural device for capturing many linguistic and philosophic distinctions, and that they are convenient for computational processing. In particular it is shown how role-in links may be advantageously used in lieu of quantifier scope to represent quantificational dependencies. (Author)

8224 Sevbo, I.P.: Systematics of sentence/statement analysis. Orig. en. Autom.Doc.Math.Linguistics 1980 Vol 14, No 6. p.61-

8225 Amsler, R.A.: A taxonomy for English nouns and verbs. Orig. en. Proc.19th Annual ACL Conf. 1981. p.133-138

8226 Buraneva, E.: On a possible semantic classification of nouns. Orig.en. Prague Bull. Math. Linguist. 1980, No 34, p.33-43

8227 Schott, G.: Book review of Hoepfner, W.: Derivative Wortbildung der deutschen Gegenwartssprache und ihre algorithmische Analyse. Tübingen 1980. (Derivative word formation in contemporary German and its algorithmic analysis) Orig. de. Int.Classif. 1982 Vol 9, No 1. p.45-47

8228 Muravenko, E.V.: On a transformational description of valency structures. Orig. ru. In: Formal'n.opisanie struktury estestv.jaz. Novosibirsk, SU 1980. p.77-93, 5 refs.
Discusses representation of verbal valencies.

8229 Zheleznjakov, M.M.; Krupko, N.A.: Realisation of a syntactic dependency grammar sensitive to ordered connections and preferences. Orig. ru. In: Formal'n.opisanie struktury estestv.jaz. Novosibirsk, SU 1980. p.94-104, 2 refs.

75 QUESTION-ANSWERING SYSTEMS. ONLINE TECHNIQUES
See also 7984-7987

8230 Dzhoshi, A.K.; Kun, S.: The centred logic: the role of centre centre representation in the logical inference processes of natural language. Orig. ru. In: Predstavlenie znaniy i modelir.processa ponimaniya. Novosibirsk, SU 1980. p.124-134, 8 refs.

8231 Jirku, P.: Logical and linguistic aspects of computer based inference processes. Orig. en. Prague Bull.Math.Linguist. 1981, No 35. p.41-53, 9 refs.

8232 Coates, E.J.: Subject indication relative to online systems. Orig.en. Scientia Yugoslavica 7(1981)No 3-4, p.167-175
The variation of emphasis, at different times, as to the input or search role of thesauri is discussed both in relation to the issue of free-text versus controlled language indexing and to questions of simplicity of design and economy of operation of mechanised information systems. The general impact of the foregoing considerations upon subject indication/retrieval in multiple data base online systems is outlined. The changes in a searcher environment in such systems is discussed. The major problem is the difficulty faced by a user with a target subject request, when faced by a facility which offers access to a variety of data bases each employing a different subject indication/retrieval language. (acc.Author)

8233 Joubert, M. et al: Knowledge representation and utilization in a man-machine-dialogue with a medical decision aid system. Orig. en. Meth. Inform. Med. 21(1982)No 1, p.59-64, 12 refs.

76 LEXICON/DICTIONARY PROBLEMS
See also 7899-7902, 7904, 7944

8234 Frawly, W.: Lexicography and the philosophy of science. Orig. en. Dictionaries 1980/81, No 2/3. p.18-27, 27 refs.
Concludes that the success of lexicographical techniques in the philosophy of science points out that at some level ordinary knowledge and scientific knowledge have the same structure. Also it was found that science is a symbol system, and that one can get access to this through a valid meta-language. Access to science can be gotten objectively.

8235 Gaul, K.: A comprehensive listing of dictionaries published in the United States and Great Britain during 1978. Orig. en. Dictionaries 1980/81, No 2-3. p.153-158
Lists 126 dictionaries, monolingual and multilingual, general and specific according to the alphabet of their authors.

8236 Klappenbach, R.; Malige-Klappenbach, H., Abraham, W. (Eds.): Studien zur modernen deutschen Lexikographie. (Studies in modern German lexicography) Orig. de. Amsterdam, NL: Benjamins 1980. 336 p., 54 refs., Linguistik Aktuell (LA) 1

8237 Mellor, C.J.: Book review of Duden: Das grosse Wörterbuch der deutschen Sprache in sechs Bänden. Mannheim 1976- and of Brockhaus-Wahrig: Deutsches Wörterbuch in sechs Bänden Wiesbaden-Stuttgart 1980-. Orig. en. Dictionaries 1980/81, No 2-3. p.166-169
Contrastive evaluation of the two great German dictionaries presently elaborated according to their advantages and disadvantages.

8238 Sorokoletov, F.P.: Terminology and lexicography. Orig. ru. In: Teoriya jasyka. Metody ego issled.i prepodavanija. Leningrad 1981. p.249-253, 7 refs.
Lexicography should treat processes relating to the large-scale penetration of special terms into the general vocabulary.

8239 Neubauer, F.: Die Struktur der Explikationen in deutschen einsprachigen Wörterbüchern. Eine vergleichende lexiko-semantische Analyse. (The structure of definitions in German monolingual dictionaries: A comparative lexico-semantic analysis) Orig. de. Hamburg: H.Buske Verlag 1980.
Methods are discussed for the improvement of the defining language in monolingual dictionaries by both short-term and long-term measures. Dictionary entries from five German dictionaries are compared. It is concluded that the systematic compilation and reordering of the information categories contained in contemporary dictionaries is necessary for further

lexicographic work. Furthermore comparisons of the information categories in ordinary-language and in technical language dictionaries, encyclopedias and thesauri have been made.

8240 Collier, L.W.; Kay, C.J.: The historical thesaurus of English. en. Dictionaries 1980/81, No 2-3. p.80-89, 8 refs. Account of work being done in the English Department of the University of Glasgow. It covers the entire vocabulary of English from Old English to the modern period. The slips are all classified by Roget's system and filed in the sequence of Roget numbers. Much of the research interest of the project in the next few years will lie in expanding the classificatory work on material within new divisions, such as (1) the world - physical universe, plants, animals, (2) mind - man's mental activities and (3) society - structures and artefacts of society.

824i Ewers, J.E.: Evaluating a data dictionary. Orig. it. Sist.e automat. 1981 Vol 27, No 215. p.375-385
The data dictionary contains data descriptions, not actual data. Using a commercial database as a case study, the paper illustrates the data dictionary functions and modifications related to changes. Objectives of a data dictionary are: efficient database operation, compatibility of data, interrelation of data and programs, database openness. Lists the conditions under which the establishment of a data dictionary becomes a necessity and describes the procedures for assessing the required completeness of a data dictionary.

8243 Andrjushchenko, V.M.: Computerised lexicographic systems. Orig. ru. In: Teori prikl. aspekty vychisl. lingv. Moskva 1981. p.71-88, 10 refs.

77 GENERAL PROBLEMS OF TERMINOLOGY See also 7932, 7966, 8015, 8313-8317, 8322-4

8244 Rondeau, G.: Introduction à la terminologie. Orig. fr. Montréal: Centre éducatif et culturel 1981. VI,227 p.

8245 Dimitrov, H.D.: Terminological information system. ru. Nauch.-Tehn.Inform.,Ser.1, 1982, No 1. p.13-14, 7 refs.

8246 Herrmann, G.: Aufbau und Anwendungsmöglichkeiten moderner Terminologienormen. (Structure and application possibilities of modern terminology standards) Orig. de. DIN-Mitt. 1982 Vol 61, No 5. p.287-289

8247 Antyshev, A.N.: Terminology in special scientific texts. Orig. ru. In: Vopr.analiza spec.teksta. Ufa, SU 1980. p.7-9, 8 refs.

8248 Felber, H.: Some basic issues of terminology. Orig. en. Terminologie Bull. 1982, No 41. p.39-55
Reprinted from: Incorporated Linguist, 21(1982)No.1
Supplies the answers to questions as e.g. "What is terminology?" "Why is terminology so important?", "What is a scheme of concepts?", "In what way are terms formed" etc.

8249 Lambert, J.: A general approach to specific research in comparative terminology. Orig. en. Babel 1981 Vol 27, No 2. p.77-85, 4 refs.

8250 Maillot, J.: Les fondements de la terminologie. (The foundations of terminology) Orig. fr. Babel 1981 Vol 27, No 2. p.70-76

8251 Sager, J.C.: Terminological thesaurus. A more appropriate designation or a deprecated synonym?. Orig. en. Lebende Sprachen 1982 Vol 27, No 1. p.6-7

8252 Tittenbrun, K.: Terminological problems of scientific information in the context of general problems of special vocabularies. Orig. pl. Pr/IINTE 1980, No 34. p.29-42, 25 refs.

8253 Boulanger, J.-C.: Petite bibliographie linguistique et lexicographique de la néologie. Orig. fr. TermNet News 1981, No 2-3. p.47-72 + Errata list 8 p.
After a short introduction 186 titles are listed in the following order (suborder alphabetical): Generalities, morphological neology, semantic n., loaned n., n.and abbreviation, n. and terminology, n.and ideology, n.and sociolinguistics, lexicography. Index of authors.

8254 Lurquin, G.: Les préfixes-opérateurs. D'autres préfixes-opérateurs. (The operational prefixes) Orig. fr. Terminologie-Bull. 1982, No 41. p.57-62, 83-76
Summary on the role of prefixes in contemporary terminologies, especially also for the formation of new terms.

8255 Natanson, E.: Antonymie et antonymes du point de vue terminologique. (Antonymy and antonyms viewed terminologically) Orig. fr. Terminologie Bull. 1982, No 41. p.101-108
Definition of antonymy and presentation of several kinds, as e.g. absolute, relative and multiple a., generic-specific, multiconceptual and imaginary a., heterogeneous and homogeneous a. and finally formal antonymy.

8256 Nedobity, W.: How to cope with abbreviated terms and designations. en. TermNet News 1981, No 2-3. p.43-46, 1 ref.
Distinguishes between abbreviations, initialisms and acronyms and gives examples of their kinds.

8257 Akida, H.: Terminological activities in the United Republic of Tanzania. Orig. en. Unesco J.Inform.Sci.,Libr.ship & Archives Admin. 1981 Vol 3, No 3. p.170-172, 5 refs.

8258 Basque Centre for University Services: Lexical standardization of the Basque language UZEI. Orig. en. TermNet News 1981, No 2-3. p.31-34

78 SUBJECT-ORIENTED TERMINOLOGY WORK See also 7941-7943

8259 Fernelius, W.C.: Present status of inorganic chemical nomenclature. Orig. en. J.Chem.Inform.Comput.Sci. 21(1981) No 4, p.213-218, 19 refs.

8260 Silk, A.: Realistic vs. systematic nomenclature. Orig.en. J.Chem.Inform.Comput.Sci. 21(1981)No 3. p.146-148, 7 refs.

8261 Riggs, F.W.: Interconcept Report. A new paradigm for solving the terminology problems of the social sciences. Orig. en. Paris: Unesco 1981. 51 p., Reports and Papers in the Social Sciences, No.47
The report focusses on (1) the important lessons to learn, (namely the approach from the concept to the term not vice versa), describes the problems of social science terminology, the "lexical, the terminological and the thesaurus paradigm" and presents the solutions and conclusions: purposes, operations and contents of an Interconcept Glossary. The annexes contain a bibliography of papers written on the Interconcept Project, a glossary of core concepts, and an index to technical terms.

8262 The INTERCOCTA Project. Orig. en. Int.Classif. 1981 Vol 9, No 1. p.37-38 (COCTA News)

8263 Gosudarstvenaja Biblioteka SSSR im.V.I.Lenina, Nauch.-issled.otd.bibliotekoved.: Vital problems of the terminology of librarianship. Collection of scientific works. Orig. ru. Moskva 1981. 126 p.

8264 Suslova, I.M.; Ulanova, L.N.: Main results and goals of development of terminological activity in librarianship in the USSR (p.7-17) - 8265 Gol'dberg, A.L.: Interconnections between the book sciences: their reflection in the terminology of librarianship (p.18-21) - 8267 Liniņa, S.Ja.: Evolution of the library science terms system in Lettish (p.51-62) 8268 Skuinja, V.P.: Selected linguistic principles of term formation, with special reference to librarianship (p.63-77) 8269 Mikaeljan, C.O.: Problems of library terminology in the Armenian Republic (p.78-83) - 8270 Jurman, H.H.: Problems in library terminology standardisation in the Estonian Republic (p.84-87). - 8271 Aputene, V.P.: Library terminology standardisation efforts in the Lithuanian Republic (p.88-90). - 8272 Maulinija, A.A.: The classification and cataloguing terms subsystem: current state and problems (p.91-100). - 8273 Karma, T.Ju.: Concerning inexact terms in the classification terminology (p.101-106).

8274 Rakitina, S.T.: Describing informatics terms semantically on the basis of cybernetic terminology. Orig. ru. Voprosy Tekcii i gramatiki slavjansk.jas.. Dnjepropetrovsk, SU 1981. p.24-28

8275 Küffner, R.: Nachrichtensprache - eine Fachsprache mehr. (Language of the news media, another technical language) Orig. de. Fachsprache 1982 Vol 4, No 2. p.71-82
Discusses the properties of the language of the news media and the difficulties lying in the fact that it should be understood by the general public.

8277 Kedar, B.: Biblische Semantik: Eine Einführung. (Biblical semantics. An introduction). Orig.de. Stuttgart, DE: Kohlhammer Verl. 1981. 214 p., 184 refs., ISBN 3-17-005610-7
Application of semantic knowledge to biblical Hebrew. Contents: Language as a symbol system. The word as the element of a lexicon (etymology, hapaxlegomena, phonological aspect) The word in function (context, homonymy and polysemy, change, metaphor). Word field, component analysis, word and text.

8 APPLIED CLASSING AND INDEXING

81 GENERAL PROBLEMS OF APPLIED CLASSING AND INDEXING See also 8037

8278 Kohl, E.: RAK, die neuen "Regeln für den Schlagwortkatalog" und die Zukunft des Kreuzkatalogs in deutschen Bibliotheken. (The rules for alphabetical cataloguing (RAK), the new rules for subject cataloguing and the future of the dictionary catalogue in German libraries) Orig. de. Z.Bibl.wes.Bibliographie 1982 Vol 29, No 1: p.3-13

8279 Wallin, M.T.: Infornascience. Indexation rules for metallurgy in PASCAL. Stockholm, SE: Royal Institute of Technology Library 1981. 14 p. = TRITA-LIB-4070
The rules resulted out of a cooperation between the CNRS at Paris and the BAM at Berlin.

82 DATA CLASSING AND INDEXING

8281 Koeberl, D. et al: Die Klartextverarbeitung und Informationserschließung von medizinischen Befundtexten. (Free text processing and information analysis of medical record data) Orig. de. In: Wossidlo, P.R.(Ed.): Textverarbeitung und Infomatik. Fachtagung der GI. Bayreuth, 28-30 May 1980. Berlin, DE: Springer 1980. p.301-320, 19 refs.

83 TITLE CLASSING AND INDEXING

See also 8224

8282 Fondin, H.: Le titre comme element de description du contenu d'un document. Recherche sur les methodes d'evaluation. (The title as descriptive item of the document content: Research on analysis methods) Orig. fr. Documentaliste 1982 Vol 19, No 1. p.3-15, 72 refs.
In order to study the way authors analysed the interest of the titles of scientific documents as input into an information storage and retrieval system some 72 works on that matter were collected. It was found that the publications contained many weaknesses so that a conclusion could not be drawn. Further studies should be based on improved methods.

8283 Lorenz, B.: Titel von Schrifttum und ihre Verwendbarkeit für sachliche Inhaltserschließung. (Document titles and their use in subject analysis) Orig. de. DFW. Dokum.Inform. 1981 Vol 29, No 5. p.119-120, 3 refs.
Brings a lot of examples to show that the form and the contents of titles cannot substitute a thorough subject analysis by subject headings and keywords.

84 CLASSING AND INDEXING OF PRIMARY LITERATURE (except book indexing)

8285 Kretschmer, G.: Book review of Burgemeister, B.: Analytische Erschließung von Zeitschriften und monographischen Sammelwerken in Bibliotheken. Leipzig 1980. (Analytical subject analysis of monographic collected works in libraries). Orig. de. Zbl.Bibl.wes. 1982 Vol 96, No 1. p.30-33

8286 Erfassung, Erschließung und Auswertung nichtschriftlicher Archivbestände. Kurzfassungen der Referate der 2.Gemeinsamen Arbeitssitzung des 54.Dt.Archivtages. (Description, subject analysis and evaluation of non-verbal archival holdings. Summaries of papers of the 2nd Common Meeting of the 54th German Archive Conference) Orig. de. Archivär 1982 Vol 35, No 1. p.23-33

Includes the following papers: 8287 Kahlenberg, F.P.: Die Erschließung der Plakatbestände im Bayerischen Hauptstaatsarchiv und im Bundesarchiv. (Subject analysis of the holdings of posters in the Bavarian Main State Archives and in the Federal Archives). - 8288 Kroker, E.: Zur bildlichen Dokumentierbarkeit historischer Arbeitsplätze - Probleme bei der Erschließung und Auswertung von Bildquellen in Wirtschaftsarchiven. (On pictorial documentation of historic working places - problems in subject analysis and assessment of pictorial sources in industrial archives). - 8289 Wolf, J.R.: Erschließung von Karten und Plänen in Archiven und Bibliotheken: Das Darmstädter Gemeinschaftsprojekt. (Subject analysis of maps and plans in archives and libraries: The Darmstadt cooperative project). - 8290 Sagebiel, M.: Bewertung und Erschließung technischer Risse und Zeichnungen am Beispiel der westfälischen Bergverwaltung. (Assessment and subject analysis of technical drawings exemplified by the Westfalian Mining Administration).

8291 Lytle, R.H.: Intellectual access to archives: II. Report of an experiment comparing provenance and content indexing methods of subject retrieval. Orig. en. Amer.Archivist 1980 Vol 43, No 2. p.191-206, 14 refs.

8292 Boissier, D.: Erfahrungen und Probleme bei der Erschließung sozialistischer Großbestände im Zentralen Staatsarchiv, Potsdam. (Experiences and problems in the subject analysis of socialistic huge holdings in the Central State Archives, Potsdam) Orig. de. Archiv-Mitt. 1982 Vol 32, No 1. p.2-3

8293 Elstner, W.: Probleme der Erschließung am Bestandstyp "Bezirkstag/Rat des Bezirkes" im Staatsarchiv Potsdam. Orig. de. Archiv.Mitt. 1982 Vol 32, No 1. p.4-5

8294 Michels, C.: Zur rationalen Erschließung von Beständen der Gutsherrschaften im Staatsarchiv Magdeburg. (Concerning the economic subject analysis of holdings of feudal farms in the State Archives Magdeburg) Orig. de. Archiv-Mitt. 1982 Vol 32, No 1. p.10-11

8295 Romeyk, H.: Neuere Erfahrungen bei der Indexierarbeit im Archiv. (New experiences in indexing in archives) Orig.de. Archivär 1981 Vol 34, No 3. p.363-372
The report relates to a computer-supported indexing project in the state archives of North Rhine Westfalia.

86 INDEXING OF SECONDARY LITERATURE

See also 7989

8296 Edwards, A.: European research centers - indexing a new data base. Orig. en. Indexer 1982 Vol 13, No 1. p.37-41
The article opens with a description of how and why one publisher is transferring large quantities of directory information onto a computer file. This is followed by a discussion of the problems encountered in making a comprehensive and useful subject index under these conditions, and of some of the solutions arrived at. The author concludes with a brief look at the future place of the human indexer in electronic publishing. (Author)

8297 Pearson, H.: The Encyclopaedia of Islam and its index. Orig. en. Indexer 1982 Vol 13, No 1. p.33-35, 3 refs.
A description of the Encyclopaedia of Islam (English and French versions) and of the index made to the first three volumes, mentioning the method of working and difficulties encountered; followed by a summary of future plans. A facsimile page of the published index is included. (acc.Author)

8298 Wellisch, H.H.: More on indexes in encyclopedias (and on one encyclopedia index). Orig. en. Indexer 1982 Vol 13, No 1. p.3-5, 4 refs.
The entry on 'indexing' in the new Academic American Encyclopedia is deemed to be an excellent treatment of the topic within the limited space provided, despite some minor flaws. The ALA World Encyclopdia of Library and Information Services, on the other hand, not only provides a rather poor treatment of the subject, but its own index fails to list important topics, has few and often misleading cross-references and includes redundant information. The claim that an index printed in the margins is more economical to produce is refuted and it is shown that a conventionally printed index would actually have saved paper. (Author)

8299 Nikitina, L.N.: Citation indexes and their varieties. Orig. ru. Nauch.i tehn.Bibliotekt SSSR 1981, No 6. p.22-26, 13 refs.

Existing kinds of citation indexes are characterized and examples given. Their classification by a number of parameters (object of bibliography, purpose, compilation method, geographical framwork of documents, chronological framwork, semantic coverage, etc.) has been suggested. (Author)

87 CLASSING AND INDEXING OF NON-BOOK MATERIALS See also 8075

88 CLASSING AND INDEXING IN SUBJECT FIELDS

8300 Travis, I.L.: Describing and indexing federal statistical data systems. Orig. en. In: Lunin, L.F.(Ed.) et al; The information community. Proc.44th ASIS Annual Meeting, Washington, DC, 25-30 Oct.1981. White Plains, NY: Knowledge Ind. Publ. 1981. p.344-346, 1 ref.

8301 Barnard, J.M.; Willet, P.: Comments on a "method for generating a chemical reaction index for storage and retrieval of information". Orig. en. J.Chem.Inf.Comput.Sci. 1981 Vol 21, No 2. p.140-141, 4 refs.

8302 Steck, R.; Cox, J.S.G., Hagemeyer, F.W.: Literature indexing systems for corporate R and D strategy. A case study in the pharmaceutical industry. Orig. en. R and D Management 1981 Vol 11, No 3. p.97-101, 5 refs.

See also 8097, 8104, 8111

8303 Gibson, J.; Chapman, C.: Census indexes and indexing. Orig.en. Plymouth, GB: Fed.of Family History Soc. 1981. 36 p. List of existing census indexes and accounts of projects in hand by country Family History Societies for indexing their local returns, usually for 1851.

8304 Hameon, J.: Indexation et classement en bureautique. (Indexing and classing in office technology). Thesis University of Grenoble. Orig. fr. Grenoble, I.N.P. 1981. 158 p., refs. (11 p.)

8305 Gilbert, L.; Hirschmann, R.: Computer-aided indexes and concordances to early German. A critical study. Orig. en. ALC Bull. 1981 Vol 8, No 3. p.249-262, 40 refs.

8306 Chung-Tao Chang et al: The design of a cross-reference data base for Chinese character indexing. Orig. en. Tushuguan-xuc yu zixun kexun 1981, No 2. p.144-151, 4 refs.

8307 Rabson, G.; Rabson, C.: The National Tune Index: A systems overview. Orig. en. Computers & Humanities 1981 Vol 15, No 2. p.129-137, 38 refs.

9 CLASSIFICATION ENVIRONMENT

92 PERSONS AND INSTITUTIONS IN CLASSIFICATION AND INDEXING
See also 7965, 8142

8308 Matthews, G.O.: The influence of Ranganathan on faceted classification. Thesis. Case Western Reserve University. Orig. en. Cleveland, OH: 1980. 206 p., Microfilm

8309 Oile, J.G.: W.C.Berwick Sayers, librarian and teacher. Orig. en. J.Librarianship 13(1981)No 4. p.232-247, 22 refs. An appreciation of William Charles Berwick Sayers (1881-1960) on the centenary of his birth. One of the chapters deals with "Sayers and Library Classification". His own 'canons of classification' were first published in 1907. His 'Introduction to library classification' was first published in 1918 and reached its 9th edition in 1954. Ranganathan was his student at the London University School of Librarianship.

8310 Auckland, E.: An indexing society for Canada. Orig. en. Serials Librarian 1980 Vol 5, No 2. 4 refs.

8311 Hennes, H.: DIN-NAK 4.4: Ein Ausschuß stellt sich vor. (The DIN Classification Standardization Committee 4.4 presents itself) Orig.de. Mitt.bl.Verzb.Bibl.NRW 1982, No 1. p.71

8312 Gorkova, V.I.: FID/DT Current state and future prospects. Orig. en. Int.Forum Inform.Doc. 6(1981)No 3. p.27-29

8313 Bucher, A.: The Swedish Centre for Technical Terminology. Orig. en. TermNet News 1981, No 2-3. p.29-30

8314 La Direction Générale de la Terminologie et de la Documentation du Bureau des Traductions du Gouvernement Canadien. Orig. fr. TermNet News 1981, No 2-3. p.21-23
DGTD has 233 terminologists and translators serving 1800 translators and interpreters on the basis of a data bank comprising 655 000 entries and altogether 289 million words.

8315 Documentation and terminology resources of the translation branch of the Netherlands Ministry of Foreign Affairs. Orig. en. TermNet News 1981, No 2-3. p.25-27

8316 Felber, H.: Österreichisches Normungsinstitut: Zehn Jahre Internationales Informationszentrum für Terminologie. Infotenn. 1971-1981. Rückblick und Ausblick. (Ten years of existence of the International Information Center for Terminology. Infotenn. 1971-1981) Orig. de. Wien: UNI 1982. 24 p.

8317 Baxmann, E.M.: Zehn Jahre Informationszentrum für Terminologie - Zwischenbilanz und Zukunftsperspektiven. (Ten years of Information Center for Terminology - Status report and future perspectives) Orig. de. DIN-Mitt. 61(1982)No 6. p.351

93 ORGANISATION OF CLASSIFICATION AND INDEXING ON THE NATIONAL AND INTERNATIONAL LEVEL

8318 Eljmann, D.: Der Komplex der Informationsrecherchesprachen des ISWTI: Gegenwärtiger Stand und weitere Entwicklung.

(The complex of the ISWTI information retrieval languages: Present state and further development) Orig. de. Informatik 1981 Vol 28, No 6. p.38-45, 20 refs.

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