

In this issue we continue to apply the section numbers of this outline to the bibliographic items listed. In some cases the reader will notice that the notations (which are put at the right upper edge) are more specific than the outline. We changed from the previous level of specificity to a deeper one; the classification system for this has been elaborated and will be published soon. It is also used to structure the INTERNATIONAL CLASSIFICATION AND INDEXING BIBLIOGRAPHY of which Vol.2, presenting the REFERENCE WORKS and PROCEEDINGS in Classification and Indexing 1950-1982 will be published soon. There was no space left in this issue for the literature to classes 8 and 9. It will follow in IC 84-2. The author index covers Class.Lit. in IC 83-3 + IC 84-1

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** CS & T stands for Classification Systems and Thesauri
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0 FORM DIVISIONS

01 Bibliographies

- 84-001 016.18
Classification and Indexing Research. Current Bibliography of Projects. Orig.en. Int.Classif. Vol 10, No 3, 1983, p.151-153
Lists 23 projects in the order of the classification system used in this bibliography "Classification Literature" of IC.

03 Dictionaries, Terminologies

- 84-002 036.11
Borisova, N.D.; Gendlina, I.E., Kalinina, G.I., Matya, N.A., Smirnova, A.I.: Development of a multilingual word-list of classification terms (based on the UDC material). Orig. ru. VINITI: Moskva, SU 1982. 67p.
Description of the methodology for compiling a multilingual word-list on the theory and practice of the UDC use. The appendix gives the word-list in ru, en and de (more than 300 terms in each language).

- 84-003 036.21; 09.77
ISO 5127/6: Documentation and information vocabulary. Pt.6: Documentary languages. Orig.en,fr. Geneva,CH: ISO 1983. 36p.
Presentation of terms and definitions in en and fr of selected concepts relevant to documentary languages and their relationships.

- 84-004 036.31; 09.77
GOST 7.39-82: Classifying and subject cataloging. Terms and definitions. Introduction: 1.1.1984. Orig. ru. Moskva, SU: VNIKI 1982. 10p.
Standardization of 49 terms on the subject.

- 84-005 038-284
INIS: Multilingual dictionary. Pts.I, II, III and IV. Orig. en, fr, de, ru. Wien, AT: Int.Atomic Energy Agency 1983. en: 314p.; fr: 334p., de:308p.; ru:305p., ISBN 92-0-178283-7; 92-0-278083-8; 92-0-978083-3; 92-0-478083-5, IAEA-INIS-20(Rev.0)
Terminology of the INIS thesaurus in four parts.

- 84-006 038-2; -7
Conseil International de la Langue Francaise: Dictionnaire de termes nouveaux des sciences et des techniques. (Dictionary of new terms in the sciences and in technology) Orig. fr. Paris, FR: CILF 1983. 628p., FF460.-
Neologisms collected between 1973 and 1979 and translated into en, es and de, listed with their definitions in fr.

- 84-007 038-73
Agron, P.: Les termes techniques francais. Orig. en, fr. R.T. Rev.trad., No 21, 1983. p.51-61

- 84-008 038-826.3; 09.78-826.3
GOST 7.27-80: Scientific information activities. Basic terms and definitions. Introduction: 1.1.82. Orig. ru. Moskva, SU: VNIKI 1980. 12p. (Standard of 48 terms.)

- 84-009 038-825; 09.78-825
GOST 7.26-80: Librarianship. Basic terms and definitions. Introduction 1.1.1982. Orig. ru. Moskva, SU: VNIKI 1980. 13p.
Standard for 54 terms.

- 84-010 038-83/8
Longley, D.; Shain, M.: Dictionary of information technology. Orig. en. New York, NY: Wiley Interscience 1983. 379p.
Defines 6000 terms of all aspects of information technology.

04 Classification Systems & Thesauri

041.1 GENERAL CLASSIFICATION SYSTEMS AND THESAURI

- 84-011 041.1
Rössler, D.: Allgemeine Systematik für öffentliche Bibliotheken. Sonderausgabe für die zentralen Schulbibliotheken des Landes Rheinland-Pfalz. (ASB - General Classification System for Public Libraries. Special edition for central school libraries of the Federal State Rheinland-Pfalz) Orig. de. Bad Honnef, DE: Bock+Herchen Verl. 1982. 180p., DM 22.-, ISBN 3-88347-089-9

- 84-012 048.1
Michajlov, A.I. (Ed.): The State Automated Scientific-Technical Information System Subject Headings: Names and codes of 1st and 3rd level subject headings. 2nd ed. Orig. ru. Moskva, SU: VINITI 1982. 100p.

042 THE UNIVERSAL DECIMAL CLASSIFICATION (UDC)

- 84-013 042.1-en-27
British Standards Institution: UDC 66/66.0 Chemical technology. Chemical engineering, production and processing, opera-

tion and plant. Orig. en. London: BSI 1983. 32p., ISBN 0-580-13308-7, BS 1000 (66/66 0):1983

- 84-014 042.1-en-286
British Standards Institution: UDC 662. Explosives. Fuels. Orig. en. London, GB: BSI 1983. 34p., ISBN 0-580-13394-X, BS 1000 (662):1983; FID 483

- 84-015 042.1-en-7656/7
British Standards Institution: UDC 675. Leather industry. Orig. en. Milton Keynes, GB: BSI (Linford Wood, Milton Keynes MK14 6LE) 1983. 26p., ISBN 0-580-13511-X, BS 1000 (675):1983

- 84-015 042.1-en-3/4; -49
British Standards Institution: UDC 5/50 Exact sciences in general. Nature study conservation. Environmental sciences. Orig. en. London, GB: BSI 1983. 12p., BS 1000 (5/50):1983

- 84-017 042.1-en-377; -385
British Standards Institution: UDC 679. Industries based on various processable materials. Cable and cordage industries. Stone industry. Orig. en. London, GB: BSI 1983. 11p., ISBN 0-580-11965-3, BS 1000 (679):1983

- 84-018 042.1-en-88
British Standards Institution: UDC 654. Telecommunication and telecontrol (organization, services). Orig. en. London, GB: BSI 1983. 10p., ISBN 0-580-11964-5, BS 1000 (654)

- 84-019 042.1-it-73/4
CNR. Ist.Studi Ricerca Doc.Sci.: CDU 62/621. Ingegneria. Tecnica in generale. Ingegneria meccanica, elettrotecnica e nu-clear. Orig. it. Note di Bibliogr.Doc.Sci. Vol 28. Roma, IT: Istituto di Studi s.Ricerca e Doc.Sci., CNR (via Cesare de Lollis 12, I-00100 Rome) 1982. 351p., ISSN 0085-2309, FID 479

- 84-020 042.3-sn
Jugoslovskega Centra za Tehnico in Znanstveno Dokumentacijo v Beogradu: Univerzalna Decimalna Klasifikacija Slovenska skrajsana izdaja 2.spremenjena in dopolnjena izdaja - Zv.1: Tablice. Orig.sn. Beograd, YU: 1982. 155p., FID 622

- 84-021 042.6-75
Giertz, L.M. (comp.); Hughes, N.J. (comp.): ABC Abridged Building Classification for Architects, Builders, Civil Engineers. Orig. en. Dublin, IE: An Foras Forbatha 1983. 120p., IRL 10.- ISBN 0-906120-84-5, FID 596

044 LIBRARY OF CONGRESS CLASSIFICATION AND SUBJECT HEADINGS

- 84-022 044.8
Williams, J.G. (Ed.); Manheimer, M.L.; Daily, J.E. (Eds.): Classified Library of Congress Subject Headings. Pt.A: Classified list; Pt.B: Alphabetic list. Orig. en. New York, NY: M.Dekker,inc. 1982. 1160p., Books in Libr.& Inform.Sci.Vol.39

048 SPECIAL CLASSIFICATION SYSTEMS AND THESAURI

- 84-023 048-28
U.S.Energy Information Administration: Classification scheme for data. 2nd rev.ed. Orig. en. Washington, DC: U.S.Energy Inform.Admin. 1982. 111p.

- 84-024 048-284
INIS Thesaurus, Orig. en. Wien, AT: Int.Atomic Energy Agency (IAEA) 1983. 780p., US 740.-, ISBN 92-0-178183-0, IAEA-INIS-13(Rev.22)

- 84-025 048-32
National Aeronautics and Space Administration: NASA Thesaurus, Vol.1: Hierarchical listing. Vol.2: Access vocabulary. Orig. en. Washington, DC: NASA 1982. 840p.+400p., \$35.-; \$ 20.-, N-83-10980/1; N83-10981/9; NASA-SP-7051-V-1 & -2
The thesaurus comprises 16 713 postable and 3 716 non-postable terms given in the hierarchical listing. The access vocabulary contains 40 661 entries.

- 84-026 048-51/4
Information retrieval thesaurus in medicine and health care, Orig. ru. Moskva, SU: VNIIMI 1982. 1035p.

- 84-027 048-567
Titmus, C.; Buttedahl, P., Ironside, D., Tengrand, P.: Terminology of adult education. A Thesaurus. Paris, FR: UNESCO Press 1983?.

- 84-028 048-59
Statistisches Bundesamt Wiesbaden: Systematik der Einnahmen und Ausgaben der privaten Haushalte. Ausgabe 1983. (Classification of income and expenses of private households) Orig.de. Stuttgart-Mainz: W.Kohlhammer GmbH 1983. 489p.
The object of concern are the payments of a household which it receives from a third party and which it gives to a third party. The classification system contains all the objects which a household needs, including e.g.also cars and the utilities, such as telephone, television. The system uses the

following main groups: Food, Beverages, Tobacco; Clothing, shoes; Rents, energy; Furniture, household devices; Goods for health and cosmetics; Goods for transportation and telecommunication; Goods for education, diversions, leisure time; Goods for personal belongings (e.g. watches, jewelry, portfolios); Expenses. - Systematic part: 232 p., index 260 pages.

84-029 048-612
Aitchison, J. (Comp.): Thesaurus on youth: an integrated classification and thesaurus for youth affairs and related topics. Orig. en. Leicester, GB: National Youth Bureau 1981. 550p. Contains over 6000 terms on youth work and related areas.

84-030 048:62
Great Britain. House of Commons Library: The House of Commons Library thesaurus 3rd working ed. Orig. en. London, GB: House of Commons 1982. 656 p.

84-031 048-63
APAS thesaurus. A list of subject terms in the Australian Public Affairs Information Service. 2nd ed. Orig. en. Canberra, AU: National Library of Australia 1982. 115p., Austr.\$6.- ISBN 0-642-99283-5

84-032 048-63
Thesaurus de science administrative. Orig. fr. Paris, FR: Université de Paris. II. Centre d'Etudes et de Recherche de Science Administrative. Centre de Documentation Sciences Humain. Inst. Int. d'Admin. Publique 1982. 223p., ISBN 2-222-03109-5

84-033 048-785
Shibaev, E.S. (Ed.): Infonation retrieval thesaurus in railway transportation. Orig. ru. Moskva, SU: CHITET MPS 1981. 316p.

049 CORRELATION AND CONVERSION TABLES

84-034 049-51/4
SNOP to SNOMED Conversion Table. Orig. en. Skokie, IL: College of American Pathologists 1982
The conversion table is available in a computer printout and a magnetic computer tape. The price of each is \$ 20.- incl. shipping. In SNOMED News 2(1982)No.4 the following address is given: College of American Pathologists, c/o A. Wallace, CAP, 7400 N. Skokie Blvd., Skokie, IL 60077, USA.

06 Conference Reports, Proceedings

See also 84-154, -155, -286, -294, -295, -332

84-035 06.75-01; 06.82-06-28/
Beck, H.: Zwei internationale Konferenzen zur Klassifikationsforschung, Bombay 1975 - Augsburg 1982. (Two international conferences on classification research) Orig. de. Zbl. Bibl. wes. Vol 97, No 10, 1983. 435-449
Report on the 2 International Study Conferences on Classification Research of FID/CR, based on their proceedings.

84-036 06.81-08-17/19
Hoedt, J. (Ed.); Lundquist, L., Picht, H., Qvistgaard, J. (Eds.): Proceedings of the 3rd European Symposium on LSP, Copenhagen, Aug. 1981. Orig. en. København, DK: The Copenhagen School of Economics 1982. 643p. Contains 37 papers on pragmatic aspects of terminology/language for specific purposes (LSP) grouped into 4 Sections.

84-037 06.82-01-05
Agricultural thesauri-meeting. Orig. en. Quart. Bull. IAALD Vol 27, No 3, 1983. p.65-96

84-038 06.81-12-10/11
Stevenson, G.; Kramer-Greene, J. (Ed.): Melvil Dewey: The man and the classification. Albany, NY: Forest Press 1983. 210 p. 10 papers of a seminar held at New York State Library. Cultural Education Center, Albany, NY, Dec. 10-11, 1981 on the occasion of the anniversary of Dewey's birth, Dec. 10, 1851 and the 50th anniversary of his death, Dec. 26, 1931.

84-039 Metcalf, K.D.: Reminiscences of Melvil Dewey. - 84-040 Kaser, D.: The Dewey era in American librarianship. - 84-041 Paulson, P.J.: Welcoming remarks (on Dewey, the innovator and organizer). - 84-042 Garrison, D.: Dewey, the apostle. - 84-043 Miksa, F.: Melvil Dewey and the corporate ideal. - 84-044 Wiegand, W.A.: Melvil Dewey and the American Library Association 1876-1907. - 84-045 Halsey, R.S.: Introductory remarks (on Dewey: The Classification). - 84-046 Comaromi, J.P.: The foundations of the Dewey Decimal Classification: The first two editions. - 84-047 Rayward, W.B.: The early diffusion abroad of the Dewey Decimal Classification: Great Britain, Australia, Europe. 84-048 Stevenson, G.: The classified catalogue of the New York State Library in 1911.

84-049 06.82-05
Taylor, P.J. (Ed.); Cronin, B. (Ed.); Aslib: Information management research in Europe. Proc. EURIM 5 Conf., Palais des Congrès, Versailles, FR, May 1982. Orig. en, de, fr. London, GB: Aslib 1983. 212p., 176 refs.

Of the 21 papers the following 4 are of some relevance here:
84-050 Salton, G.: Automatic indexing. A summary. - 84-051 Bouche, R.: Une stratégie d'indexation automatique de documents écrits. - 84-052 Aitchison, J., Harding, P.: Automatic indexing and classification for mechanised information retrieval. 84-053 Ducrot, J.M.: TITUS IV. Système de traduction automatique et simultanée en quatre langues. (TITUS IV. Automatic and simultaneous translation system in four languages)

84-054 06.82-06-28/
Ongering, F.C.J.M.: Book review of Universal Classification, subject analysis and ordering systems. Proc. 4th Int. Study Conf. on Classif. Res. of FID/CR, 6th Ann. Conf. of Ges.f. Klassif. eV, Augsburg, 28 June - 2 July 1982. Frankfurt: INDEKS Verl. 1982-1983. 2 vols. Orig. ni. Open Vol 16, No 2, 1984. p.80-81

84-055 06.82-09-27/
Lehmann, E.: Die 6. Fachtagung über Künstliche Intelligenz (GMAI-82) vom 27.9.-1.10.1982 in Bad Honner. (The 6th Conference on Artificial Intelligence) Orig. de. Rundbrief d. Fachgruppe Künstl. Intelligenz in der Ges.f. Informatik, Vol 28 1982. p.38-41

84-056 06.82-09-15/17
Jongen, R. (Ed.); De Knop, S. (Ed.): Sprache, Diskurs und Text. Linguistisches Kolloquium 17, Bruxelles, BE, 15.-17.9.1982. (Language, discourse and text) Orig. de, en. Tübingen, DE: Niemeyer 1983. 264p., ISBN 3-484-30133-3
22 contributions in the following four groups: Sign expression and motivation; Syntax; Lexicography and semantics; Discourse analysis.

84-057 06.83-04-11/15
First National Seminar on Terminology. Orig. en. UNISIST Newsletter Vol 11, No 3-4, 1983. p.40
Sort report on the seminar which took place at the Universidad Simon Bolivar, Caracas, VE, 11-15 April 1983.

84-058 06.83-06-15/17
Program for the 21st Annual Meeting of the ACL. Orig. en. Amer. J. Comput. Linguistics Vol 9, No 1, 1983. p.35-37
Contains 26 papers to be presented in 7 sessions with a panel discussion on "Generative capacity and computational complexity of linguistic theories".

84-059 06.83-06-26/30
Intercocta Project Meeting, Caracas, June 26-30 1983. Orig. en. COCTA News in Int. Classif. Vol 10, No 3, 1983. p.157-159
Report on the project as such, on the basic findings, the 5 recommendations and the organization leading towards the elaboration of a new international encyclopedia of the social sciences in the form of a network of glossaries with the definitions arranged in a systematic order.

84-060 06.83-07-6/7
Third European Meeting of the Psychometric Society. Orig. en. Int. Classif. Vol 10, No 3, 1983. p.147-148
Grouped listing of the 46 papers (out of 87) which are of special interest for colleagues working in numerical taxonomy and data analysis.

84-061 06.83-08-8/11
Proceedings of the 8th International Joint Conference on Artificial Intelligence, 8-11 Aug. 1983, Karlsruhe, West Germany. Orig. en. Los Altos, CA: IJCAI (Distrib. by William Kaufmann, Inc. 95, First Street, Los Altos, CA 94022) 1983.
The American Journal of Computational Linguistics 9(1983)No. 1, p.45-55 gives 45 abstracts of this conference.

84-062 06.83-08-8/11
Hennings, R.-D.: 8th International Joint Conference on Artificial Intelligence (IJCAI 83), 8.-11.8.1983, Karlsruhe. Orig. de. Int. Aufg. d. DGD Vol 5, No 8, 1983. p.148-151
Extensive report in German on the conference and exhibition.

84-063 06.83-09-1/2
Program for the Inaugural Meeting of the ACL European Chapter. Orig. en. Amer. J. Comput. Linguistics Vol 9, No 1, 1983. p.37-8
The first meeting of the European Chapter of the Association for Computational Linguistics was held on 1-2 Sept. 1983 in Pisa, Italy. Here, 32 papers are announced in 8 sessions.

84-064 06.83-09-14/23
Karczewski, A.: Ecole d'été de Science de l'information. L'indexation automatique des documents écrits. (Vignieu, 14-23 Sept. 1983). (Summer School on Information Science) Orig. fr. Documentaliste Vol 21, No 1, 1984. p.23

84-065 06.83-09-22/23
Ditterich, C.v.: 8. Sitzung des FID-Revisionskomitees C 69+ "Bauwesen" (FID/C 69F), 22.-23.9.1983, Croydon, England. Orig. de. Int. Aufg. DGD Vol 5, No 8, 1983. p.161-162

84-066 06.83
Reports on Meetings in Terminology, 1983. Orig. en. Infoterm News in Int. Classif. Vol 10, No 3, 1983. p.154-156

Reports on 7 meetings in 1983 of the following groups: Experts on "Guidelines for the recording of terminological data for machine processing"; ISO/TC37/SC2 - Methods in terminology"; ISO/TC37/WG4 "Computational aids in terminology and lexicography"; ISO/TC37/WG5 "Vocabulary of terminology"; ISO/TC46/SC3 "Terminology of Documentation". Int.Congress "Terminology and Intern. Scientific and Technol.Cooperation"; "1st Natl.Seminar on Terminology", Caracas, VE.

07 Textbooks

See also 84-207, 84-208

- 84-067 07.25
Lohse, H.; Ludwig, R., Röhr, M.: Statistische Verfahren für Psychologen, Pädagogen und Soziologen. (Statistical procedures for psychologists, pedagogues and sociologists) Orig.de Berlin, DO: Volk u.Wissen 1982. 480p., M 19.50
The book comprises 12 chapters and contains an appendix with a glossary, tables, questions for research works, bibliography of 155 references and an index. The 12 chapters: Empirical research and statistics. Elements of test planning. Selection procedures. Intervall estimation. Selected transformations. Parameterfree test procedures. Analysis of correlations. Regression analysis. Excursion on analysis of variance. Covariance analysis. Discriminant analysis. Short presentation of further analysis procedures.
- 84-068 07.25
Fahrmeir, L. Hamerle, A. (Eds.): Multivariate statistische Verfahren. (Multivariate statistical procedures) Orig.de, Berlin New York: de Gruyter 1984. 809p., OM 198.- ISBN 3-11-008509-7
Collaboration by W.Häußler, H.Kaumann, P.Kemeny, Ch.Kredler, F.Ost, H.Pape and G.Tutz. (See book review forthcoming in IC)

08 Other Monographs

See also 84-342, 84-379, 84-384

- 84-069 08.255
Fu, K.S.: Syntactic pattern recognition and applications. Orig.en. Englewood Cliffs, NJ: Prentice Hall 1982. 596p., 567 refs.
- 84-070 08.34
Harding, P.: Automatic indexing and classification for mechanized information retrieval. London, GB: INSPEC 1982. 109 p., BLDR 5723
- 84-071 08.41
Bavakutty, M.: Canons of library classification. Orig.en. Trivandrum, IN: Kerala Library Assoc. 1981. 152p.
The work attempts to explain Ranganathans "canons" to students of library and information science.
- 84-072 08.41
Hagler, R.; Simmons, P.: The bibliographic record and information technology. Chicago, IL: Amer.Library Assoc. 1982. 346p., ISBN 0-8389-0370-3. (Includes classification theory).
- 84-073 08.812
Cochetti, M.: Book review of Serrai, A.: Biblioteche e Cataloghi (Libraries and Catalogs). Firenze: Sansoni 1983. 124p.
Orig.en. Int.Classif. Vol 10, No 3, 1983. p.169-170
- 84-074 08.813
Subject authorities. A guide to subject cataloging (1-3). Orig.en. New York, NY: Bowker 1981. 2587p. ISBN 0-8352-1307-2
Includes also a subject heading index, a Dewey Decimal Classification and a Library of Congress Classification index.

09 Standards, Guidelines

See also 84-003, -004, -008, -009, -103, -209

- 84-075 09.31
DIN. Normenausschuß Bibliotheks- u.Dokumentationswesen: Vornorm DIN 31 623, T.2: Indexierung zur inhaltlichen Erschließung von Dokumenten. Gleichordnende Indexierung mit Deskriptoren. Orig. de. Berlin, DE: Beuth Verl.1983. 17p.
- 84-076 09.33
Charen, T.: MEDLARS indexing instructions. Tumor key supplement, 1981. Orig.en. Springfield, VA: NTIS 1981. 50 p. PB81-242208. NLM-MED-81-05-1981
- 84-077 09.35
ISO 5127/1: Documentation and Information - Vocabulary. Pt.1: Basic concepts. 1st ed. Orig.en, fr. Geneva, CH: Int.Org.for Standardization (ISO) 1983.
- 84-078 09.35
ISO 7154: Documentation - Bibliographic Filing Principles. Orig.en, fr. Geneva, CH: Int.Org.Standardization 1983.

1 THEORETICAL FOUNDATIONS

11 Order and Classification

See also 84-113

- 84-079 113
Ekere, F.C.: Enumeration and synthesis - the two opposites in classification theory. Orig.en. Library Scientist Vol 9, 1982. p.65-69, 7 refs.
- 84-080 115
Holton, G.: On the search for order in the physical universe. Orig.en. Leonardo Vol 14, No 3, 1981. p.234-235

12 Conceptology in Classification

- 84-081 122
Balk, M.: Vom Eigenschaftsbegriff "lang" zum quantitativen Begriff "0.02 Meter lang". (From the property concept "long" to the quantitative concept "0.02 meter long") Orig. de. Muttersprache Vol 94, No 1-2, 1983/84. p.218-234
- 84-082 123
Ford, N.: Die subjektive Struktur der Verwandtschaftsbegriffe. (The subjective structure of relationship concepts) Orig. de. Z.experiment.u.angew.Psychologie Vol 30, No 3, 1983. p.442-7
- 84-083 124
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ing. The dictionary relationship Z combines text properties
and descriptors via a z-value. The text properties used are
recognition of single words, matching in their basic or stem
forms, identification of multiword groups, as well as results
of complex analyses of text. The relationship Z is calculated
by evaluation of an intellectually indexed partial collection.
The z-value approaches - as a relation frequency - the condi-
tional probability that a descriptor is assigned when a cer-
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