

0 FORM DIVISIONS

01 BIBLIOGRAPHIES

8329 INDEKS GmbH; Fed.Int.de doc. (FID): Classification Systems and Thesauri, 1950-1982. Vol.1 of International Classification and Indexing Bibliography, ICIB 1. en, Frankfurt/M: INDEKS Verlag 1982, 160 p., DM 48.80, ISBN 3-88672-300-3, FID-Publ.610

Bibliography with annotations of some 2250 citations which covers in Pt.I the universal classification systems, subject headings lists and thesauri including all editions of the UDC, DDC, LCC, Bliss, Colon and the Russian LBC Classification. Pt.II lists special systems in systematic arrangement according to the subject groups and fields of the new ICC (Information Coding Classification). Besides the indexes there are also correlation tables between the UDC and ICC.

8330 GID-Informationszentrum: Bestandsverzeichnis Thesauri. Stand: Mai 1982. (Thesauri Holdings List of the GID - Ges.f. Inform. and Dokum., Frankfurt). de, Frankfurt/M: IDD Verlag f.Int.Dokumentation 1982, 33 p.

Lists 433 thesauri and glossaries held by the library of the GID arranged in 17 broad subject groups. Of each of the thesauri all the different editions are included. There is an author index as well as a short subject index.

02 LITERATURE REVIEWS

8331 Younger, J.A.: Year's work in subject analysis: 1981. Libr.Resources Techn.Serv. 26(1982)No 3, p.203-76, 110 refs. Review of the work in the field of classification and indexing summarized under the subheadings: General works and theory - Classification schemes - Subject headings - Indexing - Automatic classification and indexing - "Where do we go from here? - Summary.

04 CLASSIFICATION SYSTEMS AND THESAURI

042 UDC

8332 British Standards Institution: UDC 2nd English Full Ed. UDC 55 Earth Sciences, Geology, Geophysics. en, London, GB 1982, 78 p., BS 1000 (55):1982

8333 British Standards Institution: UDC 2nd English Full Ed. UDC 31: Statistics, Demography, Population studies. en, London, GB 1982, 18 p., BS 1000(31):1982

8334 Ist.di Studi sulla Ricerca e Doc.Sci., CNR, Roma: Clasificación decimale universale: Classe 2 Religione, Teologia. (UDC Class 2: Religion, Theology). it, Note di Bibliogr.e di Doc.Sci. 1980, No 37, 90 p., FID 479

8335 Ist.di Studi sulla Ricerca e Doc.Sci., CNR, Roma: Clasificación decimale universale: Classe 69 Edilizia. (UDC Class 69: Building industry). it, Note di Bibliogr.e di Doc.Sci. 1981, No 42, 66 p., FID 479

8336 Stock, K.F.: DK-Systematik für landeskundliche Bibliographien. (UDC system for bibliographies on countries). de, Graz, AT 1981, 73 p.

043 DDC

8337 Sweeney, R.; Clews, J.; Matthews, W.E.Jr. (Eds.): Proposed revision of (DDC) 780 Music. en, Albany, NY: Forest Press 1980, 135 p., ISBN 0-91608-25-3

044 LCC AND LCSH

8338 Library of Congress. Subject Cataloguing Div., Processing Services: Library of Congress Subject Headings. 9th ed.. Vol.1: A-Laser, Vol.2: Laser - Z. Suppl.1979. en, Washington, DC 1980-, ISBN 0-8444-0299-0; 0-8444-0100-5

8339 Williams, J.G.; Manheimer, M.L. (Eds.): Classified Library of Congress Subject Headings. 2nd ed. Pt.A: Classified list; Pt.B: Alphabetical list. en, New York, NY: Dekker 1982, 1120 p., 7 refs., Books in Libr.& Inform.Sci. 39

045 BLISS CLASSIFICATION

8340 Mills, J. et al: Bliss classification revision: penul-

timate draft schedule for class T: economics and enterprise management. en, London, GB: Polytechnic of North London 1979, 196 p.

048 OTHER GENERAL SYSTEMS

8341 Dag Hammarskjöld Library: UNBIS thesaurus. List of terms used in indexing and cataloguing of documents and other materials relevant to United Nations programmes and activities. New York, NY: United Nations 1981, 369 p., \$25.-, ST/Lib/37

8342 British Standards Institution: BSI ROOT Thesaurus. 3rd updating. en, Hemel Hempstead, Herts., GB 1982, 38 p. There is already a third updating supplement to the BSI ROOT Thesaurus comprising instructions, a List A with deletions and a list B with insertions.

SPECIAL SCHEMES

(Sequence follows the ICC, see Int.Classif.82-2, p.89)

8343 The British Library. Bibliographic Services Div.: Physics Thesaurus. en, London, GB 1981, 50 p.

8344 Guy, N.G. (Ed.): The thesaurus for fluid engineering. en, Cranfield, GB: B.H.R.A. Fluid Engineering 1981, 142 p., ISBN 0-906085-57-8

8345 Int.Atomic Energy Agency: INIS Thesaurus. en, Wien, AT 1982, 759 p., ISBN 92-0-178082-6, IAEA-INIS-13 (Rev.21)

8346 Riley, S.J.: GeoRef Thesaurus and Guide to Indexing. 3rd ed.. en, Falls Church, VA: Amer.Geological Institute 1981, 446 p., \$45.-, ISBN 0-913312-53-5

8347 Shmeleva, A.V.; Alabjan, I.M.: Bilingual information retrieval thesaurus in mineral dressing (Russian/English and English/Russian). ru; en, Moskva: VINITI 1981, 380 p.

8348 Centro de Inform.y Doc.Agropecuario: Tesaurus nacional agropecuario. (National (Cuban) thesaurus for agricultural economics). es, La Habana, CU: CIDA 1978, 238 p.

8349 Gordon, M. (Ed.): Thesaurus of forest products terms. en, Madison, WI: Forest Products Res.Soc. 1980, 173 p.

8350 Int.Food Inform.Serv.: Food Science and Technology Abstracts. Thesaurus, 2nd ed.. en, Reading, GB 1981, 243 p.

8351 Com.Econ.para Amer.Latina (CEPAL)/Centro Latinoamericano de Doc.Econ.y Social (CLADES): Tesaurus del medio ambiente para America Latina y el Caribe. (Environment thesaurus for Latin America and the Carribeans). es, Santiago,CL 1981. 176p.

8352 Amer.Psychol.Assoc.: Thesaurus of psychological terms. 3rd ed.. en, Washington, DC 1982, 258 p., ISBN 0-912704-67-5

8353 Seeger, Th.; Wersig, G.; European Centre for the Development of Vocational Training: CEDEFOP thesaurus. Main part, indexes. en, Berlin, DE: Projektgr.Inform.Systeme (PROGRIS) 1979, 249 p.

8354 Great Britain. House of Commons Library: The House of Commons Library thesaurus. 2nd working ed.. en, London, GB 1981, 638 p.

8355 Statistisches Bundesamt Wiesbaden: Systematik der Wirtschaftszweige mit Betriebs- und ähnlichen Benennungen. Ausg. 1979. (System of economic branches with industry-related and similar names. Ed.1979). de, Stuttgart, DE: Verl.W.Kohlhammer 1982, 842 p.

The system comprises 10 large subject groups, namely: 0 Agriculture, 1 Energy and water supply, 2 Special industry, 3 Building industry, 4 Trade, 5 Transportation and communication, 6 Banking and insurance, 7 Utilities and free professions, 8 Organisations for non-profit and private households, 9 Regional corporations and social security. The appendix gives one system for the counting of work places and one for the counting of professions in 1983.

8356 Informationsverbundzentrum Raum und Bau der Fraunhofer-Ges.: Grobthesaurus Bauwesen. (Macrothesaurus for building). de, Stuttgart, DE 1980, 116 p.

8357 Int.Union of Railways (UIC). Doc.Bureau: Fachthesaurus

Eisenbahn. Dt.Ausg.. (Special thesaurus for railway matters). German Ed.. de, Paris, FR, 195 p., (1 appendix), 1979

8358 Scriven, M.: Evaluation thesaurus. 3rd ed.. en, Inverness, CA: Edgepress 1981, 174 p., \$ 7.-, ISBN 0-918528-18-6

8359 National Museum of Wales. Welsh Folk Museum: Classification of objects in the Welch Folk Museum collections. en, Cardiff, GB 1980, 42 p., ISBN 0-85485-047-3

8360 Kretschmer, F. et al: The Music Index: 1980 Subject Headings List. en, Detroit, MI: Information Coordinators, Inc. 1981, 169 p.

05 PERIODICALS AND SERIALS

8361 Multilingua. Journal of Interlanguage Communication. 1(1982)No.1. en, Amsterdam-Berlin-New York: Mouton Publ. 1982, 4 x ann., DM 110.- (Inst.), DM 50.- (Individuals) Multilingua will concentrate on (1) the application of information technology to the solutions of problems of interlingual communication, (2) modern methods for managing and using multilingual tools, such a thesauri, automated dictionaries, and machine translation systems, (3) linguistic research devoted to improving our understanding of natural languages and assisting information transfer between languages. The Editorial Board comprises 8 experts and the Board of Consulting Editors altogether 16. The first issue contains (in 7 languages) a preface by G.Thorn, President of the Commission of European Communities (which launched this journal) and one by J.M.Zemb. The editorial programme, outlined by J.C.Sager is followed by articles from B.Patterson, L.Rolling, D.Mönch, M.King and S.Perschke, D.Seleskovitch, and J.Coveney. There are also "Notes and Reports" (by A.Reichling, P.Whitelock, M.v.Dijk, J.McNaught), books reviews and abstracts on current research and literature. All of the articles and notes have abstracts in more than one Community languages.

06 CONFERENCE REPORTS, PROCEEDINGS

See also 8591, 8596-7, 8599-8601, 8603-4, 8683

8362 Proceedings of the 13th Int.Congress of Onomastic Sciences, Krakov, PL, 21-25 Aug.1978. Wroclaw, PL 1981

The following contributions of the conference may be of interest to our readers: 8363 Blamar, V.: Gegenstand und Methoden der Onomastik. (Object and methods of onomastics). p. 211-215. 8384 Fichler, E.: Zur onomastischen Wissenschaftsmethodologie. (On the science methodology of onomastics). p. 381-388. 8365 Gornowicz, H.: Grundzüge der Onymisierung. (Principles of onymisation). p.465-470. 8366 Grodzinski, E.: Proper names, common names and singular descriptions. p.477-481. 8367 Koss, G.: Motivationen in der Warennamengebung. (Motivations in commodity naming). p.665-672. 8368 Kowalska, M.: Versuch einer Klassifizierung der altpolnischen Wappennamen. (Attempt at classifying old Polish heraldic names). p. 683-688. 8369 Langendonck, W.v.: On the theory of proper names. p.63-78

8370 Lange-Seidl, H. (Ed.): Zeichenkonstitution. Akten des 2.Semiotischen Kolloquiums, d.Dt.Ges.f.Semiotik, Regensburg, DE, 3.-6.9.1978. (Constitution of signs. Proceedings of the 2nd Semiotic Colloquy. 2 vols. de, Berlin, DE: de Gruyter 1981, 670 p., 50 figs., 6 tabs., 950 refs., Grundlagen der Kommunikation, ISBN 3-11-008109-1
The 2 volumes contain 78 contributions from 7 subject areas.

8371 Amanundsen, V. (Ed.): Organization and economics of information and documentation. Proc. 40th FIO Congress, Natl. Techn.Libr.of Denmark, Copenhagen, 18-21 Aug.1980. en, The Hague: Fed.Int.de Doc. (FID) 1982, 301 p., 70 hft
Comprises the 36 papers of the Congress as well as the opening addresses and remarks, summations and discussion contributions. There are two papers of interest for IC readers: 8372 Scibor, E.: Thesaurus of common topics. 8373 Wormell, I.: Subject Access Project - SAP. The use of book indexes for subject retrieval in libraries.

8374 Dansk Central for Dokumentation. Danske UDK-Komité: Rapport. Nordisk UDK-Seminar. da, Lyngby, DK: Danmarks Tekniske Bibliotek 1981, 12 p.

8375 Stiekmann, J.H. (Ed.): GWAI-81. German Workshop on Artificial Intelligence, Bad Honnef, DE, 26-31 Jan.1981. Ges.f. Informatik. en, Berlin: Springer Veri. 1981, 317 p., 55 figs. 3 tabs., 510 refs., Informatik-Fachb.47, ISBN 3-540-10859-9

8376 Vogt, R.: Book review of Ihm, P., Dahlberg, I. (Eds.): Numerische und Nicht-numerische Klassifikation zwischen Theorie und Praxis. Proc.5.Fachtagung, Frankfurt 1981. de, Mitteilungsbl.Verb.Bibl.NRW 1982 Vol 32, No 3, p.315-6

8377 Abstracts of papers presented at the 12th Annual Meeting of the North American Branch of The Classification So-

ciety), Toronto, CA, 31 May - 2 June 1981. en, Classif.Soc. Bull. 1981 Vol 5, No 1, p.2-39

8378 Milligan, G.W.: A discussion of procedures for determining the number of clusters in a data set. 8379 Wong, A., Lane, T.: A kth nearest clustering procedure. 8380 Lefkovic, L.P.: Conditional clustering and probability. 8381 Windham, M.P.: Cluster validity for fuzzy clustering algorithms. 8382 Bozdogan, H.: Use of Akaike's Information Criterion (AIC) in cluster validity and identification problems. 8383 Arts, H.P.: A technique for determining the capacity of a computer system. 8384 Agrawala, A.K.: Using clustering for computer workload characterization. 8385 Francis, I.: A taxonomy of statistical software. 8387 Day, W.H.E.: Computational pitfalls in comparing classifications. 8388 Morey, L.C.: Comparison of clustering techniques in a validation framework. 8389 Tidmore, F.E.; Turner, D.W.: A comparison of clustering using Chernoff-type faces with several common hierarchical methods. 8390 Janowitz, M.F.: Rank correlation coefficients as optimality measures for monotone equivalent cluster techniques. 8391 Margush, T.: Distances between phylogenetic trees. 8392 Morey, L.C.; Agresti, A.: An adjustment to the Rand statistic for chance agreement. 8393 Childress, M.E.: Statistics for evaluating classifications: a new view. 8394 Abbot, L.; Mitton, J.B.: Taxonomic classification methods: an approach to medical diagnosis. 8395 Goldberg, D.M.: Diagnostic classification of liver disease by discriminant function analysis. 8396 Albert, A.: Comparison of two partially-parametric methods for discriminating between two groups. 8397 Chaprin, I.; Corning, W.C.: Computer based brain analysis, classification and discrimination of problematical children. 8398 Gershon, N.: Statistical methods to classify different kinds of molecular order on membranes. 8399 Hirsch, H.B.V. et al: Principal components analysis of the response properties of neurons in the visual cortex of the cat. 8400 Milligan, G.W.: A review of Monte Carlo tests of cluster analysis. 8401 Brennan, T.: An evaluative comparison of several clustering techniques across different data structures. 8402 Blashfield, R.K.; Morris, R.: Directions of Monte Carlo research about cluster analysis. 8403 Carter, R.L.; Morris, R.; Blashfield, R.: On clustering of multivariate longitudinal data. 8404 Bryant, J.; Breaux, G.: Automatic identification of multi-temporal signatures in farmlands. 8405 Legendre, P. et al: Hypergeometric chronological clustering to describe ecological succession. 8406 Harshman, R.A.; Lundy, M.: The PARAFAC analysis package: a set of portable Fortran programs for three-way factor analysis and multidimensional scaling. 8407 Carmichael, J.W.: TAXMAP Version 5 - a general purpose classification program. 8408 Lei, H.; Skinner, H.A.: Modal profile analysis. A dimensional model for classification research. 8409 Lefkovic, L.P.: A globally optimal dendrogram. 8410 Pruzansky, S.; Carroll, J.D.: An analytical approach to fitting multiple hierarchical tree structures. 8411 Ruspini, E.H.: The extension of the concept of cluster. 8412 Michalski, R.S.; Stepp, R.: A method of organizing data into conceptual hierarchies. 8413 McQuitty, L.L.: Toward uniformity of clusters across methods by reducing errors in data. 8414 More, W.W.: Principal component analysis to identify multivariate outliers prior to clustering. 8415 Mezzich, J.E.; Coffman, G.A.: Comparing the external validity of standard consensual cluster analytic and factorial dimensional diagnostic systems. 8416 Coffman, G.A. et al: An empirical study of dimensional and typological patterns of psychiatric symptomatology. 8417 Lorr, M.; Soziedelis, A.: A cluster-analytic approach to MMPI profile types. 8418 Reddon, J. et al: Some measurement problems in classification: an example with federal penitentiary inmates. 8419 Lyons, J.P.; Brown, J.: Classification of alcoholism or personality using an adaptive methodology. 8420 Golden, R.: Taxometric detection of schizotypy in children. 8421 Gower, J.: Is classification statistical? 8422 Carroll, J.O. et al: Trees vs spaces: a computational analysis. 8423 Nishisato, Sh.: Dual scaling and classification based on categorical responses. 8424 Harshman, R.A.: Multiskewness analysis of Skew-symmetric data. 8425 Underhill, L.G.: On the folklore of multidimensional scaling. 8426 Jackson, D.N.; Holden, R.R. et al: Hierarchical classification of vocational interests associated with academic major areas. 8427 Lattin, J.M.: Partitioning the corporate network: an application of a high-density clustering model on a graph. 8428 Shields, W.S.: Scaling evaluative words and phrases using the method of successive intervals. 8429 White, H.D.: Co-citation maps of intellectual space. 8430 Landwehr, J.M.: Data and clusters: some examples of the need for graphics. 8431 Andrews, D.F.: Uses of motion in the display of multivariate data. 8432 Bryant, J.; Breaux, G.: Color displays of multi-image data as classification aids.

8433 Born, R. (Ed.): Sprache - Information - Wirklichkeit. Bericht über die 2. Conceptus-Arbeitsstagung, 7.-8.Sept.1981 in Linz. (Language - Information - Reality. Report on the 2nd Conceptus Meeting from Sept.7-8, 1981 in Linz). de, Conceptus. Special issue 1982, 124 p.
Of the 11 papers of this meeting, the following 8 are included in this issue of Conceptus: 8434 Hauffe, H.: Informationsstrukturen möglicher Welten oder Die Rolle des Redundanzbe-

griffs in der Theorie der semantischen Information. (Information structures of possible worlds or The role of the redundancy concept in the theory of semantic information). 8435 Schurz, G.: Die Erkenntnistheorie von Jean Piaget und ihre Konsequenzen für den Informationsbegriff. (Jean Piaget's epistemology and its consequences for the information concept). 8436 Gadol, E.T.: Das soziobiologische Trilemma - oder: wie relevant ist Philosophie? (The sociobiological trilemma - or: how relevant is philosophy?) 8438 Kobsa, A.: Wissensrepräsentation in der Künstlichen-Intelligenz-Forschung. (Knowledge representation in Artificial Intelligence research). 8439 Streicher, T.: Ober ein ungelöstes Vollständigkeitsproblem in der denotationalen Semantik von Programmiersprachen. (On an unsolved completeness problem in the denotational semantics of programming languages). 8440 Neumaier, O.: Was hat Bedeutung mit Verifikation zu tun? (What does meaning have to do with verification?) 8441 Born, R.: Sprache - Information - Wirklichkeit. (Language - Information - Reality).

8442 Dunkley, R.: Report of the Seminar entitled: "Benefit from effective indexing", held in London, Nov.5, 1981, en, London, GB: Assoc. of Learned & Profess. Soc. Publ. 1982, 56 p. The seminar, cosponsored by the Society of Indexers and the Primary Research Communications Centre consisted of 6 papers. Authors were D.Lee, E.Wallis, G.Wheeler, R.Bilboul, G.Lea and H.Bell.

8443 Edwards, A.: Book review of Report of the Seminar entitled Benefit from effective indexing...London 1982, en, Indexer 1982 Vol 13, No 2, p.133

8444 Experts on MR-UDC comparisons meet in Prague, en, ECSSID Bull. 1982 Vol 4, No 1-2, p.5-6
Short report on the deliberations and results of the meeting from 9-11 Febr. 1982 between USSR and CSSR experts to establish compatibility between the MISON Rubricator and the UDC.

8445 Körner, H.G.: DGD-KTF Sitzung 28.4.1982, Frankfurt/Main. (Meeting of the Classification and Thesaurus-Committee of the German Documentation Society, April 28, 1982). de, Int.Aufg.d.DGD 1982 Vol 4, No 7, p.115-116

8446 Definition and synonymy in terminology, en, Int.Classif. 1982 Vol 9, No 2, p.102
Short report on the Int.Symposium on Terminology, Univ.Laval, Quebec City, Canada, May 23-27, 1982.

8447 Brent, E.: Colloque international de terminologie sur les problèmes de la définition et de la synonymie en terminologie tenu à l'Université Laval, Québec, du 23 au 27 mai 1982 (International terminology colloquy on the problems of definition and synonymy in terminology). fr, Terminogramme 1982, No 14, p.6-7

8448 The Classification Society, NAB, Montréal 1982, en, Int.Classif. 1982 Vol 9, No 2, p.93-94
Program of the 55 papers presented in 12 sessions at this conference.

8450 Dahlberg, I.: Augsburg FID/CR Conference, en, Int.Classif. 1982 Vol 9, No 2, p.97-99
Report on the conference and its results.

8451 Fourth International Study Conference on Classification Research. (Augsburg, June 28-July 2n, 1982). en, UNISIST Newsletter 1982 Vol 10, No 3, p.35-36

8452 Greiner, G.: FID/CR-Studienkonferenz und 6. Jahrestagung der Gesellschaft für Klassifikation. (Universal Classification, Subject Analysis and Ordering Systems, 28.6.-2.7.82 Augsburg). de, Int.Aufg.d.DGD 1982 Vol 4, No 5/6, p.94-95

8453 Körner, H.G.: FID/CR Business Meeting, 29.6.1982, Augsburg. de, Int.Aufg.d.DGD 1982 Vol 4, No 7, p.116-117

8454 Chemical Notation Association, en, Aslib Inform. 1982 Vol 10, No 5, p.137
Note on the aims of a seminar planned for Sept.6-10, 1982 at the University of Exeter, England.

8455 Petrarca, A.E.; Taylor, C.I., Kohn, R.S. (Eds.): Information interaction. Proc.45th ASIS Ann.Meeting, Vol.19, 1982 Columbus, OH, Oct.17-21, 1982, en, White Plains, NY: Knowledge Industry Publ.Inc. 1982, 451 p. Among the 101 printed papers and 134 abstracts of this conference, the following titles have a bearing on the field of this journal and ought to be considered: 8456 Logan, A.M.: Online subject access in the photographic archive at the Yale Center for British Art. 8457 Molholt, P.; Peterson, T.: The art and architecture thesaurus in the online catalog environment. 8458 Feldman, N.K.: Subject access to numeric databases: a state-of-the-art survey. 8459 Kukich, K.: Generating natural language stock-reports from numeric data. 8460 Baum-

gartner, R.: Problems and opportunities in thesaurus development for numeric databases. 8461 Liston, D.M.Jr.; Wiederkehr, R.R.: Subject accessing and tracing of data elements in a numeric data base. 8462 Markey, K.: The process of subject searching in the library catalog. 8463 Penniman, N.D.: Modelling and evaluation of online user behavior. 8464 Borjman, C.L.: Online monitoring of users of the Ohio State University Online Catalog. 8465 Mischo, W.H.: A subject retrieval function based on computer-manipulated Library of Congress Subject Headings. 8466 Hildreth, C.: Online browsing support capabilities. 8467 Cochrane, P.A.: Considerations in the design of subject displays for the online catalog. 8468 O'Neill, E.T.; Vizine-Goetz, D.: Computer generation of a subject authority file. 8469 Derr, R.L.: A classification of questions in information retrieval by conceptual presupposition. 8470 Evans, N.J.: Human processing of natural categories. 8471 Batty, C.D.: Classification techniques in support of information resource management system development. 8472 Markiw, M.: Distribution of subject headings in an online academic library catalog. 8473 Horowitz, R.S. et al: Concurrence in content descriptions: Author vs Medical Subject Headings (MeSH). 8474 Doszkocs, T.: Automated retrieval and subject analysis. 8475 Soergel, D.: Improving automated subject retrieval through use of semantic and real-world knowledge. 8475a Svenonius, E.: Syntax of controlled vocabulary index language. (The latter 3 titles of the Panel on Automated Retrieval and Subject Analysis of the SIG/CR moderated by I. Travis and R.Fidel could not be presented. They are included as abstracts). - The Conference was preceded by an "ASIS Continuing Education Program" with one Forum on "Compatibility of retrieval languages". Its seven papers will be published in Int.Classif. in 1983.

07 TEXT BOOKS (WHOLE FIELD)

8476 Brown, A.G.; Langridge, D.W. et al: An introduction to subject indexing, 2nd ed. en, London, GB: Bingley 1982, 140 p., ISBN 0-85157-331-2

8477 Chan, L.M.: Cataloging and classification. An introduction. en, New York, NY: MacGraw-Hill Book Co. 1981, 410 p., MacGraw-Hill Series in Library Education, ISBN 0-07-010498-0

8478 Downing, M.H.: Introduction to cataloging and classification: with 58 exhibits. 5th ed.rev.and enl.in accordance with AACR2 and the 19th ed. of the Dewey Decimal Classification. en, Jefferson, NC: McFarland 1981, 240 p., ISBN 0-89950-017-X

8479 Beck, H.: Book review of Manheimer, M.L.: Cataloging and classification. 2nd ed. New York 1980. de, Zbl.Bibl.wes. 1982 Vol 96, No 4, p.179-180

08 OTHER MONOGRAPHS (WHOLE FIELD)

8480 Barushkova, R.I.: Scientific and technical information classification system. ru, Moskva: IPKIR 1981, 79 p.

8481 Bloomberg, M.: Reference tools: library classification. 3rd ed. en, In: Bloomberg, M.; Introduction to public services for library technicians. : Libraries Unlimited 1981, p.117-125

8482 Dovbenko, M.A.: The indexing languages of computerised standardisation systems. ru, Moskva: Izdatel'stvo standartov 1981, 239 p.

8483 Krampen, M.; Oehler, K., Posner, R., Uexküll, T.v. (Eds.): Die Welt als Zeichen. Klassiker der modernen Semiotik. (The world seen as a sign. Classics in modern semiotics). de, Berlin, DE: Severin u.Siedler 1981, 412 p., 6 figs., 10 tabs., 300 refs., ISBN 3-88680-005-9

8484 Bakewell, K.G.B.: Book review of Rowley, J.E.: Abstracting and indexing. London 1982. en, Indexer 1982 Vol 13, No 2, p.133-134

8485 Wellisch, H.H.: Book review on Rowley, J.E.: Abstracting and indexing. London, GB 1982. en, Int.Classif. 1982 Vol 9, No 2, p.106-107, 1 ref.

09 STANDARDS. GUIDELINES

8486 Int.Centrum for Scient.and Techn.Inform., Moskva: Informations-Recherchesprachen. Bd.1: Normativ-technische Dokumente und methodische Materialien. (Information retrieval languages. Vol.1: Technical standardization documents and methodological materials). de, Berlin, DD: Zentralinst.f.Inform.u.Dokum.d.Dt.Demokr.Republ. 1981, 82 p. Contains the German-language versions of standards and guidelines for IR languages of the Comecon Int.System for Scientific and Technical Information (ISWTI), including those for establishing thesauri, their structure and representation form as well as establishment of indexes.

1 THEORETICAL FOUNDATIONS OF CLASSIFICATION

11 ORDER AND CLASSIFICATION

8488 Cohen, B., Sammut, C.: Object recognition and concept learning with Confucius. en, Pattern Recognition 1982 Vol 15, No 4, p.309-316

8489 Knorz, G.: Recognition of abstract objects - a decision theory approach within natural language processing. en, In: Horecky, J. (Ed.); COLING-82, 9th Int. Conf. on Computational Linguistics. Prague, Amsterdam: North Holland 1982, p.161-166

8490 Konstantinov, Yu.N.: The classification of material objects: parts of an IRS for scientific and technical reference data. en, In: Automatic Doc. and Math. Linguistics 1980 Vol 14, No 2, p.57-68, 29 refs.

8491 Cheshev, V.V.: The category of activity and its methodological significance. I. ru, Zakonomernosti razvitiya sovremennoj nauki. Tomsk, SU 1981, p.32-44, 13 refs.

12 CONCEPTUOLOGY IN CLASSIFICATION

8492 Alekseev, B.T.: Philosophical problems of the formalisation of knowledge. ru, Leningrad, SU: LFU 1981, 168 p.

8493 Bljazer, E.D.; Volynskaja, L.M.: Generalisation as a general-scientific operation. ru, Filos.N. 1982, No 1, p.43-49

8494 Sil'dmjae, I.Ja.: On cogitology. ru, Tartu Ülikooli toimetised 1981, No No.594, p.126-134, 3 refs.

8496 Petrov, M.K.: The nature and functions of the differentiation and integration processes in scientific cognition. ru, Metodol. probl. vzaimodejstvija obshchstv., estestv. i tehch.n.. Moskva, SU 1981, p.126-145, 15 refs.

13 MATHEMATICS IN CLASSIFICATION

8497 Yager, R.R.: Approximate reasoning and possibilistic models in classification. en, Int. J. Comput. and Inform. Sci. 1981 Vol 10, No 2, p.141-175, 22 refs.

15 PSYCHOLOGY AND CLASSIFICATION

See also 8470

Artificial Intelligence. See 8375, 8438

16 DEVELOPMENT OF SCIENCE AND CLASSIFICATION

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