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

Language abbreviations:

bg	Bulgarian	fi	Finnish	pl	Polish
cs	Czech	fr	French	pt	Portuguese
da	Danish	hu	Hungarian	ro	Romanian
de	German	it	Italian	ru	Russian
ee	Estonian	ja	Japanese	sh	Serbo-Croatian
en	English	li	Lithuanian	sk	Slovakian
es	Spanish	nl	Dutch	uk	Ukrainian

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Divisions of 04, 5, 6, 78, 82, 88 acc. to Information Coding Classification (ICC) described and displayed in Int. Classif. 9(1982)2, p.87-93 and in Int. Classif. & Indexing Bibliogr. 1.

A further division of this scheme (by one and sometimes two levels) was published in Int. Classif. 12(1985)No.3, p.147-151

For reasons of space it was not possible to include the collected bibliographic items of subject group 7. They will be published in the next issue.

0 FORM DIVISIONS

01 Bibliographies

88-472 012
Classification and Indexing Research. Current Bibliography of Projects. Indexes. Int.Classif. Vol 15, No 1, 1988. p.28-32
These indexes to research projects listed in Int.Classif. 8(1981)No.3 until 14(1987)No.3 conclude a first series. They comprise a systematic subject index, an index to project heads and research workers, one of countries and one of information on sources of research projects.

88-473 013
Rizzo, S.: Bibliografia internazionale di thesauri. (International Bibliography of Thesauri) Orig. it, en.
Roma, IT: Camera dei Deputati 1987. 158p.

88-474 016.25
Day, W.H.E.; Whitmore, E.(Eds.): Classification Literature Automated Search Service (CLASS). 1987. Vol.16. St.John's, NF, Canada: Classification Society of North America 1988. 144p.
The issue contains an introductory part, the 1987 bibliography (presented in the following sections: biological sciences, business, earth sciences, engineering, mathematical, medical, physical and social sciences). There is an author and a citation index as well as one of the abbreviated and full titles of cited journals, the 1987 profile and the 1987 statistics. The volume is distributed only to the members of CSNA.

88-475 016.3
Kapur, Shabad: Classification and cataloguing: A select bibliography. New Delhi, IN: Harman Publ.House 1988. XV,392p.

02 Literature Reviews

88-475a 025.321
Schwartz, C.; Eisenmann, L.M.: Subject analysis. In: Williams, M.E.(Ed.): Ann.Review of Inform.Sci.& Technol., Vol.21. White Plains, NY: Knowledge Ind. Publ.,Inc. 1986. p.37-61, 40 refs.
The review updates the developments between 1982 and 1985, mentioning especially the efforts in the area of online public access catalogues, microcomputer hardware and software and technological support for large-scale statistical application.

88-476 026.3
Clack, D.H.: Cataloging and Classification Section: Annual report. Orig.en. Libr.Resources & Techn.Serv. 32(1987)p.59-60

88-477 026.3
Hudson, J.; Walker, G.: The Year's Work in Technical Services Research, 1986. Libr.Resources & Techn.Serv. 31(1987)No 4, p.275-286, 38 refs.
Contains also one chapter on subject access (p.279-282) dealing with the relevant work of F.E.DeHart & K.Matthews, V.Diodato, K.Markey & A.N.Demeyer, A.J.Jamieson, E.Dolan & L.Declerck, G.Knutson, H.M.Micco, M.Mahapatra & S.Ch.Biswas, and Ch.Croucher.

88-478 026.2.3
Markey, K.; Miksa, F.: Subject Access Literature, 1986. Libr.Resources & Techn.Serv. 31(1987)No 4, p.334-54, 124 refs.
The comprehensive survey is subdivided into the following sections: General works; Organization and history; Classification systems; Classification theory and method; Subject headings and the Library of Congress; Subject authority control through LCSH; Subject searching through LC-based, assigned subject headings; Other subject access approaches; Conclusion.

03 Dictionaries, Terminologies

88-479 032
Shapiro, St.C.; Eckroth, D. (Eds.): Encyclopedia of Artificial Intelligence. Vols.1 & 2. New York, etc.: J.Wiley 1987. 1220p.

88-481 032
Rosenberg, J.M.: Dictionary of computers, information processing and telecommunications. 2nd ed. New York, NY: J.Wiley & Sons 1987. 734p. ISBN 0-471-85559-6
This edition adds 2000 to the already 12000 terms and definitions of the first edition. The entries are helpfully cross referenced and include source indications of the definitions, such as from the American National Standards Institute and from other sources.

88-482 032
Sauppe, E.: Book review of Harrod, L.M.: Harrod's Librarians' Glossary of Terms used in Librarianship, Documentation and the Book Crafts and Reference Book, 6th ed. Comp.by Ray Prytherch. Aldershot, Hants., Brookfield, VT: Gower 1987. X,855p.
Int.Classif. Vol 15, No 1, 1988. p.41-42

88-483 032; 78-82
Vikhma, Kh.: Terms of librarianship. Orig. ru.
Tallin, SU: Valgus 1987. 188p.
The terms are explained with the help of Estonian-Russian and Russian-Estonian dictionaries.

04 Classification Systems & Thesauri

041 GENERAL SCHEMES

88-484 041
Klassifikation für Staatliche Allgemeinbibliotheken und Gewerkschaftsbibliotheken: wissenschaftliche und Fachliteratur, Belletristik Bd.2: Alphabetisches Schlagwortregister. 5.Nachtrag. (Classification system for public libraries and union libraries: scientific and special subject literature. Vol.2: Alphabetic Subject Index. 5th Appendix) Orig. de.
Berlin, DD: Zentralinst.f.Bibliothekswesen 1987. 40p.

88-485 041
Lehmann,K.(Ed.): Klassifikation für Staatliche Allgemeinbibliotheken und Gewerkschaftsbibliotheken: Teil Bestände in Artotheken (KAB/Art). (Classification system for public libraries and union libraries: Section on holdings in art libraries (KAB /Art)) Orig.de. Berlin,DD: Zentr.inst. f. Bibl.wes.1987. 15 p.

042 THE UNIVERSAL DECIMAL CLASSIFICATION

88-486 042.I-de
Deutsches Institut für Normung: Dezimalklassifikation: 2. Dt. Gesamtausg., 8.Internat.Ausg. DK-Abt.7/9: Kunst, Kunstgewerbe, Photographie, Musik, Spiele, Sport, Sprachwissenschaft, Philologie, Schöne Literatur, Literaturwissenschaft, Geographie, Biographien, Geschichte. (UDC Classes 7/9: Art, Applied art, photography, music, games, sports, linguistics, philology, Belles Lettres, literature, geography, biographies, history) Orig.de. Berlin-Köln: Beuth Verl. 1986. 143p.

88-487 042.1-hu
Magyar Szabványügyi Hivatal (Ed.): Egyetemes Tizedes Oszályozás: Teljes kiadás. UDC 674 (Woodwork and timber industry) 1986. 47p.; UDC 677 (Textile industries), 1987, 44p.; UDC 684 (Coachbuilding etc.) 1987, 11p.; UDC 685 (Saddlery and harness, Footwear etc.), 1987, 21p.; UDC 686 (Bookbinding, etc.) 1987, 15p. Orig.hu. Budapest VIII: Szabványboltban 1986/87.

88-488 042.1-ru-51/4
Universal'naja Des Jatichnaja Klassifikacija: Tret'e Sovietskoe izdanie. (3rd Russian Full UDC Edition. Classes 61 (Medicine), 1986. 619p. (Vol.3); UDC 67/69 Various Industries. etc. 1986. 257p.; UDC 7/9: Art, linguistics, geography and history. 1986. 136p. (Vol.6). Orig.ru. Moskva: VNIKI 1986. = FID 572

88-489 042.1-sh
Univerzalna Decimálna Klassifikacija: Prvo srpskohrvatsko potpuno izdanje. Serbocroat Full UDC Edition: Class 63: Physics, 1987, 142p.; Class 69: Building industry, 1987, 52p. Orig. sh. Belgrade, YU: Jugoslav Center for Technical and Scientific Documentation 1987. = FID-423

88-490 042.3-it
Consiglio Nazionale delle Ricerche. Istituto di Studi sulla Ricerca d Documentazione Scientifica: Classificazione decimale universale. Edizione abbreviata italiana. Roma: Edizioni dell'Ateneo, s.p.a. 1987. 530p. = FID 661.
The handy volume (size 17x24cm) contains an introduction, the tables (1 column) and the index. It is concluded by a bibliography on the UDC and a survey of the publications of the editing institution (p.522-530).

88-491 042.5
Extensions and Corrections to the UDC 1986 (Series 13, No.1) Orig.en. The Hague, NL: FID General Secretariat 1987.

88-492 042.6-392
Universal Decimal Classification for Use in Polar Libraries. (3rd ed., rev.) Cambridge,UK: Scott Polar Research Inst. 1986.

043 DEWEY DECIMAL CLASSIFICATION

88-493 043.1-en-98/99
Bauer, M.C.: Dewey Decimal Classification: 200 Schedules. Expanded for use, based on edition 19. Rev.& expand. Orig. en. Catholic Libr.Assoc.(USA) 1988. 113p.

044 LIBRARY OF CONGRESS CLASSIFICATION

88-494 044-39
Library of Congress Classification: Class G. "Geographic Cutters". (Extension). Washington, DC: Library of Congress. Catalogue of Congress. 1988. 15(1988)No.2 Classification Literature

Logging Distribution Service 1987. (Microfiche publication)
The 32,000 "Cutters" can be used to class maps with greater consistency.

048.1 OTHER GENERAL SCHEMES

88-495 048.1
VLB Schlagwort Verzeichnis 1987/1988. (Subject headings list of VLB - German list of books in print). 10th ed. in 4 volumes. Orig.de. Frankfurt: Verl.d.Buchhändler-Vereinigung 1987. 8661p. ISBN 3-7657-1394-5. Distributed by K.G.Saur Verlag, München.

048- SPECIAL CLASSIFICATION SYSTEMS AND THESAURI

88-496 048-18
DITR-Thesaurus. (Thesaurus for Standardization). Vol.1: Systematic part, Vol.2: Alphabetic part. (Orig.de). Berlin, DE: DIN, Deutsches Infonn.zentrum f.technische Regeln 1987. 460+656p.

88-498 048-61
Booth, B. et al: Thesaurus of sociological indexing terms. San Diego, CA: Sociological Abstracts, Inc. 1986. x,258p. ISBN 0-930710-03-7
Book review by Joyce Line in The Indexer 16(1988)No.1, p.64-5

88-499 048-657
Thesaurus für wirtschaftliche und soziale Entwicklung. (Thesaurus for socio-economic development). (Orig.de) 11th rev.ed. 1: Alphabetic part, 2.Structured part, 3. Index part, en-de, fr-de, es-de. Bonn, DE: Deutsche Stiftung für Internationale Entwicklung (DSE). Zentrale Dokumentation. 1987. 281+51+99p. ISBN 3-924441-33-2

88-500 048-8227; 872
Lorenz, D.: On the classification of a special topic, using "3-D" as an example. Inspel 21(1987)No.3, p.168-175
This is a paper dealing with the problems of three-dimensional vision and imaging. Modifications and additions to a classification for photographic literature are given, the resulting classification is presented.

88-501 048-817
Webster, L., Rhodes, A.(Comps.): Grant Thesaurus. Phoenix, AZ: Oryx Press 1986. 60p., ISBN 0-89774-335-0 pbk.
Gives online users detailed access to subject terms listed in funding programs. It relates to a database for the sponsored-research community of more than 5000 funding programs.

88-502 048-822
Zinkham, H.; Parker, E.B. (Comps. & Eds.): Descriptive terms for graphic materials. Genre and physical characteristic headings. Washington, DC: Library of Congress. Cataloging Distribution Service 1986. 135p.

88-503 048-822
Thomas III, J.B.: Additions and changes to genre terms: A thesaurus. College & Res.Libr. Vol 48, No 9, 1987. p.558-560
The list of additions and changes has been approved by the RBMS (Rare books and Manuscripts) Standards Committee and serves as a supplement to the published thesaurus. (Examples: Advertisements, Broad-sides, Fiction, Junk mail, Posters, Puzzles).

88-504 048-823
Thomas III, J.B.: RBMS Standards Committee: Relator terms for rare book, manuscript, and special collections cataloging: 3rd ed. College & Res.Libr. News Vol 48, No 9, 1987. p.553-557
Introduction stating purpose, form, application and revision and list of 75 relator terms for contributors to the contents, production, or provenance of special materials. The list is built up in the form of an alphabetical thesaurus.

88-505 048-8227
Parker, E.B.: LC Thesaurus for Graphic Materials: Topical Terms for Subject Access (LCTGM). Washington, DC: Library of Congress Cataloging Distribution Service 1987. XXVI, 591p.
Provides a single list of more than 6,000 standard terms with detailed scope notes from which catalogers and researchers can choose indexing and retrieval vocabulary for prints, photographs, drawings, and pictorial ephemera. These terms, authorized for use in MARC records, will be particularly useful in libraries, historical societies, archives, and museums.

06 Conference Reports, Proceedings

88-507 06.86-05-26/2B; 47
Isaeva, T.V.: All-Union School of Advanced Experience on the Application of the Library Bibliographic Classification in Regional Libraries. Orig. ru.
Sovetskoe Bibliotekovedenie 1986, No.6, p.108-109, 1 ref.
Reports on a seminar for heads of inter-district schools in the republics.

88-508 06.86-06-04/06; 47
Makhotkina, L.N.: All-Union Meeting-cum-seminar on Problems of Applying the Library Bibliographical Classification. Orig.ru.
Sovetskoe Bibliotekovedenie 1986, No.6, p.106-108

88-509 06.86-09-B/10
Wittke, R.: Der Thesaurus als Instrument der Inhaltsschließung. Veranstaltung des AKI, Köln, 8.-10.Sept.1986. (The thesaurus as an instrument of subject analysis) Orig. de.
Bibliotheksdienst Vol 20, No 11, 1986. p.1063-1065

88-510 06.85-11-11/14
Kaula, P.N.: Book review of Rajagopalan, T.S.(Ed.): Ranganathan's Philosophy: Assessment, Impact, Relevance. New Delhi: Vikas 1985. 690p. Herald Libr.Sci. 26(1987)No 3-4, p.270-271

88-511 06.86-06-18/21
Beck, H.: Book review of Degens, O., Hermes, H.-J., Opitz, O.: Die Klassifikation und ihr Umfeld (Classification and its environment). Proc.10.Jahrestagg.Ges.f.Klassif., Münster, 18-21 June 1986. Orig.de. Zbl.Bibl.wes. 102(1988)No.4, p.177-182, 6 refs.

88-512 06.87-06-28/
Bock, H.H.(Ed.): Classification and Related Methods of Data Analysis. Proceedings of the First Conference of the International Federation of Classification Societies (IFCS), Technical University of Aachen, June 29-July 1, 1987. Orig. en.
Amsterdam, NL: North-Holland 1988. 745p., ISBN 0-444-70404-3
The volume starts with naming the 15 members of the Scientific Program Committee and the 69 referees for the proceedings volume and chairmen of the conference sections. The Conference had been supported by 8 institutions and 5 companies. The 86 papers (number in brackets) are grouped into the following chapters: 1.Survey lectures (6), 2.Clustering and Classification Methods (14), 3.Probabilistic Methods in Cluster Analysis (9), 4.Pattern Recognition and Discrimination Methods (5), 5. Consensus and Aggregation Methodes (5), 6. Biological Taxonomy, Phylogenies, and Sequence Analysis (7), 7.Similarity Representation, Scaling Methods, and Valuations (11), 8.Linear Data Analysis and Extensions (7), 9. Algebraic Methods of Data Analysis (4), 10. Special Topics from Data Analysis and Statistics (8), 11.Classification and Data Bases, Expert Systems, Information Retrieval, and Computational Aspects (9). The volume is concluded with an annex paper and a subject index.

88-513 Gower, J.C.: Classification, geometry, and data analysis. - 88-514 Luce, R.D.: Goals, achievements, and limitations of modern fundamental measurement theory. - 88-515 Murtagh, F.: Classification problems in astronomy. - 88-516 Niemann, H.: Classification - new challenges to an old problem. - 88-517 Sokal, R.R.: Unsolved problems in numerical taxonomy. - 88-518 Trifonov, E.N.: Nucleotide sequences as a language: Morphological classes of words. - 88-519 Batagelj, V.: Generalized Ward and related clustering problems. - 88-520 Critchley, F.: The Euclidean structure of a dendrogram, the variance of a node and the question: "How many clusters really are there?". - 88-521 Durand, C., Fichet, B.: One-to-one correspondences in pyramidal representation. A unified approach. - 88-522 Eisenblätter, D.; Bozdogan, H.: Two-stage multi-sample cluster analysis. - 88-523 De Gruijter, J.J.; McBratney, A.B.: A modified fuzzy k-means method for predictive classification. - 88-524 Herden, G.: The role of error-functions in order to obtain relatively optimal classification. - 88-525 Lebart, L.: Contribution of classification to the processing of longitudinal socio-economic surveys. - 88-526 Lerman, I.C.: Comparing partitions (mathematical and statistical aspects). - 88-527 Ralambondrainy, H.: A clustering method for nominal data and mixture of numerical and nominal data. - 88-528 Sackin, H.J.; Sneath, P.A.H.: Choosing the smallest number of binary characters to distinguish the greatest number of OTU's. - 88-529 De Soete, G.: Tree representations of proximity data by least squares methods. - 88-530 Späth, H.: Homogeneous and heterogeneous clusters for distance matrices. - 88-531 Vach, W.; Degens, P.O.: The system of common lower neighbours of a hierarchy. - 88-532 Windham, M.P.: Analysis of continuous assignment clustering results. - 88-533 Bacelar Nicolau, H.: Two probabilistic models for classification of variables in frequency tables. - 88-534 Corsten, L.C.A.: Clustering treatments in non-standard design. - 88-535 Davies, P.L.: Consistent estimates for finite mixtures of well separated elliptical distributions. - 88-536 Devijver, P.A.; Dekesli, M.M.: Cluster analysis under Markovian dependence with application to image segmentation. - 88-537 Godehardt, E.; Herrmann, H.: Multigraphs as a tool for numerical classification. - 88-538 Hartigan, J.A.: The span test for unimodality. - 88-539 Kräuth, J.: An improved upper bound for the tail probabilities of the scan statistic for testing non-random clustering. - 88-540 Rasson, J.P.; Hardy, A.; Weverbergh, D.: Point process, classification, and data analysis. - 88-541 Saito, T.: Cluster analysis based on nonparametric tests. - 88-542 Balakrishnan, N.; Tiku, M.L.: Robust classification procedures. - 88-543 Eben, K.: On a type of likelihood ratio occurring in discriminant analysis. - 88-544 Weber, J.; Baldessari, B.: Optimal classification regions for normal random vectors with separable and partially exchangeable dependence. - 88-545 Wegscheider, K.: The risk of reversal - an alternative criterion for comparison of discrimina-

tion methods. - 88-546 Wernecke, K.-D.; Kalb, G., Stürzebecher, E.: On classification strategies in medical diagnostics (with special reference to mixed models). - 88-547 Barthélemy, J.P.; Monjardet, B.: The median procedure in data analysis: New results and open problems. - 88-548 Day, W.H.E.: Consensus methods as tools for data analysis. - 88-549 Faith, D.P.: Consensus applications in the biological sciences. - 88-550 Leclerc, B.: Consensus applications in the social sciences. 88-551 Schader, M.; Tüshaus, U.: Analysis of qualitative data: A heuristic for finding a complete preorder. - 88-552 Dopaza, J.; Sobrino, F., Domingo, E., Moya, A.: Polymorphism and evolution of the VP1 protein gene of foot-and-mouth disease virus. 88-553 Hendy, M.D.; Steel, M.A., Penny, D., Henderson, I.M.: Families of trees and consensus. - 88-554 Kurz, G.; Leder, G., Leder, O.: Classification methods as tools for the interpretation of non-resolved cellular structures in microscopic images. 88-555 Lausen, B.; Degens, P.O.: Evaluation of the reconstruction of phylogenies with DNA-DNA-hybridization data. - 88-556 Rempe, U.: Characterizing DNA variability by stochastic matrices. 88-557 Sankoff, D.; Cedergren, R.J., Gray, M.W.: Supercomputing for molecular cladistics. - 88-558 White, R.J.; Prentice, H.C.: Comparison of shape description methods for biological outlines. - 88-559 Böckenholt, I.; Gaul, W.: Probabilistic multidimensional scaling of paired comparisons data. - 88-560 Böckenholt, U.: Multivariate analysis of choice behavior. - 88-561 Carroll, J.D.; DeSarbo, W.S., De Soete, G.: Stochastic tree unfolding (STUN) models: Theory and application. 88-562 Feger, H.: Spatial representation of feature patterns. 88-563 Fichet, B.: L-spaces in data analysis. - 88-564 Gabriel, K.R.; Odoroff, Chl.L.P., Choi, S.: Fitting lower dimensional ordinations to incomplete similarity data. - 88-565 Heiser, W.J.: Multidimensional scaling with least absolute residuals. - 88-566 Hubert, L.; Arabie, P.: Relying on necessary conditions for optimization: Unidimensional scaling and some extensions. - 88-567 Klauer, K.C.: Representing proximities by ordinal networks. 88-568 Mathar, R.: Dimensionality in constrained scaling. - 88-569 Orth, S.: Representing similarities by distance graphs: Monotonic network analysis (MONA). - 88-570 D'Alessio, G.: Multistep principal component analysis (MPCA): A new approach for the analysis of contingency table series. - 88-571 Escoufier, V.: Beyond correspondence analysis. - 88-572 Meulman, J.J.: Nonlinear redundancy analysis via distances. - 88-573 Nishisato, S.: Forced classification procedure of dual scaling: Its mathematical properties. - 88-574 Rizzi, A.: On the average matrix. 88-575 Saporta, G.: About maximal association criteria in linear analysis and in cluster analysis. - 88-576 Ter Braak, Cajo J.F.: Partial canonical correspondence analysis. - 88-577 Ganter, G.: Composition and decomposition of data in formal concept analysis. - 88-578 Luksch, P.; Wille, R.: Formal concept analysis of paired comparisons. - 88-579 Spangenberg, N.; Wolff, K.E.: Conceptual grid evaluation. - 88-580 Wille, R.: Dependencies between many-valued attributes. - 88-581 Bausch, Th.: Improvement of samples by exchanging heuristics. - 88-582 Boese, F.G.: Estimating and testing with the Bhattacharya plot. 88-583 Bozdogan, H.: ICOMP: A new model-selection criterion. 88-584 Bozdogan, H.: Selecting loglinear models and subset selection of variables in multi-way contingency tables using Akaike's information criterion (AIC). - 88-585 Celeux, G.; Diebolt, J.: A probabilistic teacher algorithm for iterative maximum likelihood estimation. - 88-586 Hayashi, C.: Response reliability and multidimensional data analysis. 88-587 Nagel, M.; Dobberkau, H.-J.: Graphical methods of exploratory data analysis: An overview. - 88-588 Wackernagel, H.; Webster, R., Oliver, M.A.: A geostatistical method for segmenting multivariate sequence of soil data. - 88-589 Altkin, R.; White, R.J.: Data management models for biological classification. - 88-590 Backer, E.: Developments towards a knowledge base for cluster analysis. - 88-591 Diday, E.: The symbolic approach in clustering and related methods of data analysis: The basic choices. 88-592 Frank, O.: Designing classifiers for partial information release. - 88-593 Gebhardt, F.: Prospects for expert systems to analyse election data. - 88-594 Kaul, M.: A formal language approach to inexact graph matching with precedence. - 88-595 Kent, P.: Faster distance calculations for more points. 88-596 Pankhurst, R.J.: Taxonomic biology seen as a database. 88-597 Wishart, D.: Cluster analysis in information retrieval and diagnosis. - 88-598 Degens, P.O.: Reconstruction of phylogenies by weighted genetic distances.

88-599 06.87-09-29/
Czap, H.; Galinski, Ch. (Eds.): Terminology and Knowledge Engineering. Supplement. Proceedings. International Congress on Terminology and Knowledge Engineering, 29 Sept.-1 Oct. 1987. University of Trier. Orig.en, de. Frankfurt, DE: Indeks Verlag 1988. 256p., DM 49.60, ISBN 3-88672-203-1
Collection of the 43 papers of the Congress (in addition to the 31 already published in the main volume) which were available only after the event. The vol. contains also a name and subject index of both vols. and the address list of authors. 88-600 De Beaugrande, R.: Systemic versus contextual aspects of terminology. - 88-601 Rieger, B.B.: Definition of terms, word meaning, and knowledge structure. On some problems of semantics from a computational view of linguistics. - 88-602 Vogt, F.H.: The use of knowledge for protocol correctness. - 88-603 Budin, G.; Galinski, C., Nedobity, W., Thaller, R.:

Terminology and knowledge data processing. - 88-604 Földi, T.: Multilingual dictionary of economics: Targets and solutions. 88-605 Stieglbauer, G.: Eine Terminologiedatenbank für die praktische Wissensverarbeitung (A terminology databank for practical knowledge processing). - 88-606 Pigott, I.M.: SYSTRAN machine translation processing as an example of natural language understanding. - 88-607 Van der Horst, K.: TRADOC. 88-608 Vollmer, J.: EUROTRA - goals, organization and framework design. - 88-609 Van der Horst, K.: SYSLING. - 88-610 Delgado, R.R.: Systems theory for knowledge basis. 88-611 Etchholz, R.: The creation of technical terms in Esperanto. - 88-612 Brons, U.: Aspects of translation equivalence and their impact on the use of confidence codes in a multi-bilingual terminological database. - 88-613 Loening, K.: The road to a truly authoritative chemical dictionary. - 88-614 Zarco, J.; Fernandez, J., De Irzabal, A., Ortiz, C., Alvarez, S.: Viersprachiges Wörterbuch für die Ernährungswissenschaft. (Four-languages dictionary for nutrition science). - 88-615 Paquin, L.-C.: Déredec-EXPERT, outil d'ingénierie cognitive. (Déredec-EXPERT, a tool for knowledge engineering). - 88-616 Zarrì, G.P.: Mémoire et récupération intelligente de l'information véhiculée par des messages en langage naturel. (Storage and intelligent retrieval of information in natural language messages). - 88-617 Eisele, H.A.: Concept assessment in terminological practice. 88-618 Ananiadou, S.: The impact of knowledge engineering on the training of terminologists. - 88-619 Goetschalckx, J.A.M.; Ulijn, J.M.: User-friendliness of Dutch computer terminology. 88-620 Schneider, T.: Lexicon structure in the metal machine translation system. - 88-621 McCrank, L.J.: Linking bibliographic and archival information systems: Indexing terms and stratified vocabularies. - 88-622 Riggs, F.: Terminology for social scientists: The problem and a solution. 88-623 Ermert, A.: Terminology and standards as prerequisites of knowledge systems. - 88-624 Mie, F.: Towards a terminology and typology of factual information systems. - 88-625 Brückler, H.; Florian, D., Kalcher, R.: SAFIR (Smart Assistant for Information Retrieval). - 88-626 Bromley, Y.V.; Guboglo, M.N., Drobisheva, L.M., Tabolina, T.V.: Erstes russisch-sprachiges Glossarium für Ethnos und ethnische Prozesse. (First Russian-language glossary for ethnos and ethnic processes). - 88-627 Feng, Zh.: On linguistic information included in the sentences of Chinese language. - 88-628 Inoue, H.; Naito, E.: Construction, maintenance and use of computerized disciplinary-oriented Japanese scientific terminology bases. - 88-629 Ota, Y.: The terminology of taste perception throughout East Asia. - 88-630 Ito, R.; Abe, M., Oota, K.: Profile of the Japanese medical terminology under computer control. - 88-631 Hussain, K.M.; Ghafur, Z.A.: Terminology development in Malaysia. - 88-632 Mansuri, R.: Standardization of physics terms in Persian. - 88-633 Klein, F.: Terminology problems with multinational companies in the USA. 88-634 Diamessis, S.E.: Terminological problems in the Greek context - Policy, administrative and other factors involved. 88-635 Bromley, Y.V.: Ethnische Terminologie in der sowjetischen wissenschaftlichen Literatur. (Ethnic terminology in Soviet scientific literature). - 88-636 Drobisheva, L.M.: Prinzipien der Verfassung des Glossariums für Lebensweise der Völker der UdSSR. (Layout principles of a glossary on the Russian way of life). - 88-637 Gouboglo, M.M.: English language and Russian language glossaries on ethnicity and ethnic processes: Similarities and differences. - 88-638 Tabolina, T.V.: Terminological reflection of ethnic phenomena in Soviet and Western science: In search of consensus. - 88-639 Grabarczyk, Z.: Statistics and LSP didactics. - 88-640 De Grolier, E.: Wrapping up presentation. - 88-641 Czap, H.: Neue Ansätze in Terminologie und Wissenstechnik zur Unterstützung von Information und Kommunikation. (New approaches in terminology and knowledge engineering to support information and communication). - 88-642 Oeser, E.: Terminologie als Voraussetzung der Wissenstechnik. (Terminology as a presupposition of knowledge engineering).

88-643 06.87-09-29/
International Congress on Terminology and Knowledge Engineering, Trier, 29 Sept.-1 Oct. 1987. Orig. en.
Int. Classif. Vol 15, No 1, 1988. p.33-34 (Infoterm News)

88-644 06.87-09-29/
Czap, H.: Terminologie und Wissenstechnik. (Terminology and knowledge engineering) Orig.de. Terminol.et Traduct., No 2, 1987. p.59-75

Outline of the intentions and the scope of the (forthcoming) congress on the topic of the title at Trier. 88-645

06.87-09-29/
Czap, H.: Internationale Forschung blickt nach Trier, Bericht vom 1. Internationalen Kongreß über Terminologie und Wissenstechnik. (International research looks onto Trier. Report on the 1st International Congress on Terminology and Knowledge Engineering) Orig.de. Terminol.& Traduct. No 3, 1987. p.87-88

88-646 06.87-10-19/23
Ohly, P.: FIO/C30/31+39 "Soziokulturelle Wissenschaften" zu Gast bei der "Kölner Schule", 19.-23.10.1987, Köln. (Socio-cultural sciences hosted by the Cologne School) Orig. de.
Int.Aufg.DGO Vol 9, No 8, 1987. p.115-116
Report on the meeting at which problems in the fields of UDC 30, 311 and 316 were discussed.

88-647 06.87-10; 18
ASIS/SIG/CR (Report on Sessions of the Classification Research Group at the 50th Annual Meeting of ASIS at BOSTON, Oct.1987. Orig.en. Int.Classif. 15(1988)No.1, p.27

88-648 06.87-10-14/15
Computer-aided terminology and machine aided translation - a user-group meeting, Bad Homburg, 1987. Orig. en. Int.Classif. (Infoterm News) Vol 15, No 1, 1988. p.34

88-649 06.87-11; 715
Boose, J., Gaines, B.: (Workshop on) Knowledge Acquisition. Int.J.Man-Machine Studies Vol 26, No 1-2, 1987
The two issues contain the following papers of a Workshop held in Banff, Canada, Nov.1987. 88-650 Boose, J.H.; Bradshaw, J.M.: Expertise transfer and complex problems: using AQUINAS as a knowledge-acquisition workbench for knowledge-based systems. 88-651 Diederich, J.; Ruhmann, I., May, M.: KRITON: a knowledge-acquisition tool for expert systems. - 88-652 Eshelman, L.; Ehret, D., McDermott, J., Tan, M.: MOLE: a tenacious knowledge-acquisition tool. - 88-653 Gale, W.A.: Knowledge-based knowledge acquisition for a statistical consulting system. 88-654 Klinker, G.; Bentolila, J., Genetet, S., Grimes, M., McDermott, J.: KNACK - Report-driven knowledge acquisition. - 88-655 Littman, D.C.: Modelling human expertise in knowledge engineering: some preliminary observations. - 88-656 Morik, K.: Acquiring domain models. 88-657 Musen, M.A.; Fagan, L.M., Combs, D.M., Shortliffe, E.H.: Use of a domain model to drive an interactive knowledge-editing tool. - 88-658 Delgrande, J.P.: A formal approach to learning from examples. - 88-659 Gruber, T.R.; Cohen, P.R.: Design for acquisition: Principles of knowledge-system design to facilitate knowledge acquisition. - 88-660 Johnson, P.E.; Zaulkernan, I., Garber, S.: Specification of expertise. 88-661 Kitto, C.M.; Boose, J.H.: Heuristics for expertise transfer: an implementation of a dialog manager for knowledge acquisition. 88-662 Kornell, J.: Formal thought and narrative thought in knowledge acquisition. - 88-663 Moore, E.A.; Agogino, A.M.: INFORM: an architecture for expert-directed knowledge acquisition. - 88-664 Bylander, T.; Chandrasekaran, B.: Generic tasks for knowledge-based reasoning: the "right" level of abstraction for knowledge acquisition. - 88-665 LaFrance, M.: The Knowledge Acquisition Grid: a method for training knowledge engineers. - 88-666 Woods, D.D.; Hollnagel, E.: Mapping cognitive demands in complex problem-solving worlds.

88-667 06.87-12-6/10
International Congress "Communication and Cognition - Applied Epistemology", Gent, Belgium, 6-10 Dec.1987. Orig. en. Int.Classif. Vol 15, No 1, 1988. p.34 (Infoterm News)

88-668 06.88-03-17/19
Classification and Order. 12th Annual Conference of the Gesellschaft für Klassifikation. Orig. en. Int.Classif. Vol 15, No 1, 1988. p.26
Short report with the list of the plenary papers and the pre-conference course of the SIG Library Classification.

88-669 06.88-03-25/26
Colloque sur l'Histoire de la Terminologie. Orig. en. Int.Classif. Vol 15, No 1, 1988. p.12
List of the papers of the Colloquy which took place from Mar. 25-26, 1988 at Brussels, Institut Libre Marie Haps.

07 Textbooks

88-670 07.2.3
Keen, M.: Book review of F.W.Lancaster: Vocabulary control for information retrieval. 2nd ed. Arlington, VA: Inform.Resources Press 1986. XVII, 270p. J.Doc. Vol 43, No 4, 1987. p.360-1

88-671 07.23
Bakewell, K.G.B.: Book review of Aitchison, J., Gilchrist, A.: Thesaurus construction: a practical manual. 2nd ed. London: Aslib 1987. 173p. Indexer Vol 16, No 1, 1988. p.63-64

88-672 07.3
Bakewell, K.G.B.: Book review of Rowley, J.E.: Organising knowledge: an introduction to information retrieval. Aldershot: Gower 1987. XVIII, 454p. J.Doc.43(1987)No.4, p.358-360

Book review also by M.Forrest in: Indexer 16(1988)No.1, p.67

88-673 07.3
Satiya, M.P.: Book review of Wynar, B.S.: Introduction to cataloging and classification. 7th ed. Ed.by A.Taylor. Littleton, CO: Libraries Unlimited 1985. 657p. Orig. en. Int.Classif. Vol 15, No 1, 1988. p.39-40

08 Other Monographs

See also 88-697, -733, -747, -750, -754, -852, -856

88-674 08.1
Löckenhoff, H.: Book review of Nalimov, V.V.: Space, time and

Int.Classif. 15(1988)No.2 Classification Literature

life. The probabilistic pathways of evolution. (Ed.: R.G.Colodny, transl.A.V.Yarkho. Philadelphia, PA: ISI Press 1985. 110p. Int.Classif. Vol 15, No 1, 1988. p.44-46

88-675 08.1
Oeser, E.: Das Abenteuer der kollektiven Vernunft. Evolution und Involution der Wissenschaft. (The adventure of collective reason. Evolution and involution of science) Orig.de. Berlin und Hamburg: Verl.P.Parey 1988. 226p., ISBN 3-489-63134-X
Comprises the following chapters: Die Überschreitung des Mesokosmos: Der Beginn des Abenteuers. Die Oberfläche der Erscheinungen: Quantität und Qualität. Die gewaltsame Frage an die Natur: Kausalität und Experiment. Das Ende des Laplaceschen Geistes: Kausalität und Wahrscheinlichkeit. Die Evolution der wissenschaftlichen Methode. Das natürliche System des Wissens als Topologie methodologischer Verwandtschaft. (The natural system of knowledge as topology of a methodological relationship). Der Sieg über die Natur: Die Evolution der Apparate und Maschinen. Die Folge des Sieges: Die Evolution des Bösen. Involution in der Wissenschaft: Das Ende des Abenteuers?

88-676 08.119
Beck, H.: Book review of Dahlberg, I.(Ed.): Klassifikation als Werkzeug der Lehre und Forschung. (Classification as a tool of teaching and research). Frankfurt: Indeks Verl.1986. 184p. Orig.de. Zbl.Bibl.wes. Vol 102, No 2, 1988. p.81-84, 10 refs.

Review also by W.G.Stock in: Nachr.Dok. 39(1988)No 2, p.126-8

88-678 08.2.3
Bose, H.: Information science. Principles and practice. New Delhi-Bangalore: Sterling Publ. 1986. XIV, 182p.
Has a chapter on classification systems and one on indexing.

88-680 08.323
Buscher, M.: Book review of Capurro, R.: Hermeneutik der Fachinformation. (Hermeneutics of special subject information). Freiburg-München: K.Alber 1986. 239p. Orig. en. Int.Classif. 15(1988)No 1, p.42-43

Reviewed also by B.Lorenz in: Z.Bibl.wes.u.Bibliogr. 34(1987) No 4, p.289-290; and by R.Thiele in: Bibliothek. Forsch.u. Praxis Vol 11, No 3, 1987. p.358-363, 41 refs.

88-683 08.348
Soergel, D.: Book review of Panyr, J.: Automatische Klassifikation und Information Retrieval. Orig. en. Int.Classif. Vol 15, No 1, 1988. p.42

88-684 08.7
Mater, E.: Book review of Ballmer, Th.T., Brennenstuhl, W.: Deutsche Verben. (German verbs). Tübingen: G.Narr Verl.1986. XII, 413p. Orig.de. Int.Classif. Vol 15, No 1, 1988, p.43-44

09 Standards, Guidelines

88-685 09.23a
DIN 1463 Teil 1: Erstellung und Weiterentwicklung von Thesauri; einsprachige Thesauri. (Establishment and further development of thesauri; monolingual thesauri) Orig. de. Berlin, DE: Beuth Verl. 1987. 12p.
Replaces DIN 1463/03.76

88-686 09.3
Regeln für die inhaltliche Erschließung von Dokumenten. (Rules for subject analysis of documents, 3rd ed.) Orig.de. Stuttgart: Informationszentrum Raum und Bau d.Fraunhofer Ges. 1986. 39p.

1 THEORETICAL FOUNDATIONS

11 Order and Classification

88-687 111; 935
Hsiao-feng Shu: A bibliometric study of Chinese classification theories. Orig.ch. Bull.Lib. Assoc. of China 1986, No.39, p.107-128

The literature of Chinese classification schemes theories for the period 1900-1974 has been studied bibliometrically.

88-688 113
Frumkina, R.M.; Mirkin, B.G.: "Features" and "gestalts" in classification experiments. Orig.ru. In: Eksperim.metody v psikholingv. Moskva, SU 1987. p.8-28, 28 refs.

88-689 116; 952
Kaula, P.N.: Study of universe of knowledge. Analysis, trend and development. Herald Libr.Sci. 26(1987)No 3-4, p.209-213, 3 refs.

88-690 119
Roman, E.: The impact of classification. Orig. ro, en. Probl.Inform.Doc., Bucuresti Vol 21, No 3, 1987, p.103-108

12 Conceptology in Classification

88-691 121; 715
Rapaport, W.J.: Logic. In: Encycl.Artif.Intell., Vol.I. New York, NY 1987. p.536-538, 12 refs.

88-692 122
Hardt, S.L.: Conceptual dependency. In: Encycl.Artif.Intell., Vol.1. New York, NY 1987. p.194-199

88-693 122
Lane, J.-E.: The theory/concept/indicator problem: An epistemological note for COCTA. Orig. en. Int.Classif. Vol 15, No 1, 1988. p.21-24, 18 refs.

Concepts and indicators should be stated in two different languages so that a balance may be stroken between the two. "Theory without data is empty and data without theory is blind".
(Author, abbr.)

88-694 122
Levin, G.D.: Towards the problem of formal and conceptual generalisation. Orig.ru. Filos.nauki, No 8, 1987. p.50-58

88-695 123; 124
Gopinath, M.A.: Design of concept codes in information retrieval: an analysis of trends. Orig. en. Libr.Sci.Slant Doc. Vol 24, No 4, 1987. p.226-234, 5 refs.
Presents a set of criteria involved in the design and development of information retrieval systems. Analyses the value of facet analysis technique in the knowledge representation process.
(Author)

88-696 124; 757
Ananda, A.L.; Foo, S.M.: Knowledge representation using an augmented planning network: Application to an expert system for planning HPLC separations. J.Chem.Inform.Comput.Sci. Vol 28, 1988. p.82-86, 7 refs.

88-697 124
Heyer, G.; Krems, J.: Wissensarten und ihre Darstellung. (Kinds of knowledge and their representation) Orig.de. Berlin-Heidelberg: Springer 1988. VII, 292p. Informatik-Fachber., Bd.169
Contributions of an interdisciplinary meeting on Cognitive Science treating philosophical, linguistic and psychological aspects of the representation of knowledge.

88-698 124
Puppe, B.; Puppe, F.: A knowledge representation concept facilitating construction and maintenance of large knowledge bases. Orig.en. Meth.Inform.Med. Vol 27, 1988. p.10-16, 10 refs.

88-699 124; 164
Zeigler, B.P.: Knowledge representation from Newton to Minsky and beyond. Orig.en. Appl.Artif.Intell. 1(1987)No.1, p.87-107, 34 refs.

88-700 128-12; 153
Reif, F.: Interpretation of scientific or mathematical concepts: Cognitive issues and instructional implications. Orig. en. Cognitive Sci. Vol 11, 1987. p.395-416, 30 refs.

88-701 128-82
Houser, L.: A conceptual analysis of information science. Orig.en. Libr.& Inform.Sci.Res. Vol 10, 1988. p.3-34

88-702 128-837
Lischka, Ch.; Diederich, J.: Gegenstand und Methode der Kognitionswissenschaft. (Object and method of cognitive science) Orig.de. GMD-Spiegel, No.2-3, 1987. p.21-32, 25 refs.

13 Mathematics in Classification

See also 88-746 and the entries under 25

88-703 132; 715
Dencheva, E.S.: AI applications in information technologies: use of fuzzy set theory in information system design. Orig.bg. In: Avtomatiz.inform.obsluzhv.:3 Nauch.-pril.konf.mezhdunar.ychastie. Ch.1. Sofiya, BG 1987. p.219-223

88-704 132
Siler, W.; Tucker, D.; Buckley, J.: A parallel rule firing fuzzy production system with resolution of memory conflicts by weak fuzzy monotonicity, applied to the classification of multiple objects characterized by multiple uncertain features. Orig.en. Int.J.Man-Machine Studies Vol 26, 1987. p.321-332, 10 refs.

88-705 134; 161
Franklin, J.St.: A philosophical inquiry into the geometry of knowledge. Systems Res. Vol 4, 1987. p.187-201, 59 refs.
Using an interdisciplinary systems approach, this paper presents a comprehensive overview of our scientific knowledge of the Cosmos within a conceptual four dimensional tetrahedral geometry where relationships are primary. Vital to the development of this model is a proposed innovative pattern, using

the 48 basic metric formulas and their associated 24 relationships from within the area of physics. It is from these patterns, developed at the most basic level of our scientific understanding, geometry and physics, that the proposal is made that these patterns might be carried over into other areas and meaningful conclusions drawn.
(Author, abbr.)

14 Systems Theory in Classification

88-706 141
Flood, R.L.: Complexity: a definition by construction of a conceptual framework. Systems Research 4(1987)No 3, p.177-185, 14 refs.

15 Psychology and Classification

88-707 155
Hanson, St.J., Bauer, M.: Machine learning, clustering and polymorphy. In: Uncertainty Artif.Intell. Amsterdam, etc. 1986. p.415-428, 24 refs.

88-708 155
Levin, G.D.: Contemporary theories of analysis and synthesis. Orig.ru. In: Probl.razvitiya znaniya v metodol.nauch. Moskva, 1987. p.100-119, 38 refs.

88-709 156
Glaserfeld, E.v.: Cognition as self-regulation: Steps in the construction of "others" and "reality". Orig.pl. In: Proj.1 syst. T.9. Wroclaw, etc. 1987. p.93-100, 7 refs.

88-710 156; 715
Pylyshyn, Z.W.: Cognitive science. In: Encycl.Artif.Intell., Vol.1. New York, etc. 1987. p.120-124, 41 refs.

16 Development of Science and Classification

88-711 162
Chen, J.: The natural structure of scientific knowledge: an attempt to map a knowledge structure. Orig. en. J.Inform.Sci. Vol 14, 1988. p.131-139, 4 refs.

The paper considers the possibility that recorded knowledge can be split into information fragments and then re-assembled in response to queries by standardizing the fragments. In this way a kind of database can be formed as a mapped knowledge structure. The appendix exemplifies the process of abstracting knowledge fragments from a news report.
(Author)

88-712 164
Kmita, J.: Dynamics of science development and types of scientific disciplines. Orig.pl. Zag.naukozn. 23(1987)No 1, p.3-26

88-713 164; 715
Nutter, J.T.: Epistemology. In: Encycl.Artif.Intell., Vol.1. New York, etc. 1987. p.280-287, 54 refs.

88-714 166
Wawrzynczak, R.: On the structures of knowledge (information): A non-pragmatic point of view. Orig. pl. Zag.naukozn. Vol 22, No 3, 1986. p.459-470, 27 refs.

17 Problems in Classification

See also 88-817

88-715 173
Bock, K.: RSWK oder Der Sündenkatlog. (Rules for the Subject Catalogue (RSWK), or: the catalog of sins against subject cataloguing) Orig.de. Buch u.Bibliothek 40(1988)No 3, p.262-267
The application of the RSWK show in a number of examples 11 kinds of "sins" committed. These are explained.

88-716 173
Scharmann, U.: Argumente gegen RSWK und der Versuch, sie zu widerlegen. (Arguments against the RSWK - Rules for the Subject Catalogue and the attempt to refute them) Orig. de. Buch u.Bibliothek Vol 40, No 3, 1988. p.267-269

88-717 179
Classification and the classified catalogue. Orig. ru. Moskva, SU: Gos.biblioteka SSSR im.V.I.Lenina 1987. 141p.
Summing-up of research results and methodological work done during the 11th Five-year Plan. Determination of long-term and promising directions of the development of classified catalogues.

88-718 179.934
Bielicka, L.A.; Scibor, E.: Development trends of information retrieval languages in Poland from 1990 to the year 2000. Orig.pl. Aktual.probl.inform.dok. Vol 32, No 2, 1987. p.8-15, 16 refs.

19 History of Classification

See also 88-818, 88-931

88-719 193
Erünsal, I.E.: Catalogues and cataloguing in the Ottoman libraries. Orig. en. *Libri* 37(1987)No.4, p.333-349, 46 refs.
Tries to explain the making of catalogues in Turkey since the 15th century.

88-720 193; 334
Gull, C.D.: Historical Note: Information science and technology: from coordinate indexing to the global brain. Orig. en. *J.ASIS* Vol 38, No 5, 1987. p.338-366, 9 refs.
Traces the origin of automatic coordinate indexing in the 1940s with Mortimer Taube (1910-1965) and Alberto F.Thompson (1907-1957). In 1951 they presented their paper on coordinate indexing of scientific fields and founded the discipline of information science. Poses some research areas on the function of the brain, thinking and memory. (M.P.Satija)

88-721 193; 933
Holley, R.P.: Developments and progress in classification and indexing. Orig.en. *Int.Catalog.* Vol 16, No 4, 1987. p.42
States that there are no rules for classification and indexing as e.g. for cataloguing in the form of AACR-2. Explains the work of the Classification and Indexing Section of the IFLA Div.of Bibliographic Control. This Section advocates the importance of subject access; shares knowledge about current practices and sponsors research. It also serves as a forum for Third World needs. (M.P.Satija)

88-722 193; 197; 934
Hunter, E.J.: The United Kingdom contribution to subject cataloguing and classification since 1945. Orig. en. *Int.Catalog.* Vol 16, No 3, 1987. p.31-34, 34+12 refs.
Traces the origin of research in classification in the U.K. with Ranganathan, Palmer, Wells and the British National Bibliography in the 1950s and the CRG in 1952. States the various special subject classification schemes designed by CRG members and thesauri in the 1960s. Traces the development and use of PRECIS and also of SLIC. Describes the testing of various indexing systems and the work in automatic classification done by Ms.K.Sparck Jones. States the work done in UK on some general classification schemes such as BC-2, BSO. UDC. Concludes with the work on monographs. (M.P.Satija)

88-723 193
Soper, M.E.: Nineteen thirty-eight to today: Problems in cataloguing then and now. Orig. en. *Catalog.& Classif.Quart.* Vol 8, No 1, 1987. p.25-48, 51 notes

2 STRUCTURE AND CONSTRUCTION OF CS & T

21 General questions of CS & T

See also 88-478 88-670

88-724 211
Yzulevskij, G.Ya.; Khromov, L.N., Demina, V.M.: Information languages as seen from the angle of the frame approach. Orig.ru. In: *Razrab.i ispol'z.slovar.-terminol.sredstv dok.IPS.* Novosibirsk, SU 1987. p.69-75, 22 refs.

88-725 212
Sandström, G.: Augmented thesaurus for multicontextual descriptions. In: *Intelligent Inform.Syst.Inform.Soc.* Amsterdam, etc. 1986. p.192-210, 17 refs.

213 Management of CS including computerization
See also 88-819, 88-820, 88-832, 88-912

88-726 215
Gendina, N.I.: The bibliographic description language within the IR system lingware system. Orig.ru. In: *Razrab.i ispol'z.slovar-terminol.sredstv dok.IPS.* Novosibirsk, SU 1987. p.131-142, 19 refs.

218 Use of CS & T in special environments
see also 88-837

22 Elements of CS & T

88-727 221
Winston, M.E.; Chaffin, R., Herrmann, D.: A taxonomy of part-whole relations. *Cognitive Sci.* 11(1987)p.417-444, 47 refs.
Six types of part-whole relationships (also called meronymic relationships) are explained and further distinguished from other inclusion and semantic relationships. The taxonomy is used to explain cases of apparent intransitivity in merological syllogisms, and standard form syllogisms whose premises express different inclusion relations. (Author, abbr.)

88-728 223, 323; 448
Diodato, V.: Tables of contents and book indexes: how well do they match readers' descriptions of books? *Libr.Resources & Techn.Serv.* Vol 30, No 4, 1986. p.402-412

88-729 224
Vasilev, Kh.; Filipov, B., Momchev, I.: A hierarchic conceptual model of an intelligent information system. Orig. bg. In: *Avtomatiz.inform.obsluzhv.*; 3 nauch.-pril.konf.mezhdunar. uchastie. Ch.2. Sofia, BG 1987. p.53-59, 3 refs.

88-730 224
Kopinski, A.: A method for optimising the structure of a hierarchic catalogue. Orig.pl. *Pr.nauk.AE Wroclawiu*, No 362, 1986. p.63-66, 5 refs.

23 Construction of CS & T

See also 88-671 88-685

88-731 231
Gopinath, M.A.: Symbiosis between classification and thesaurus. *Libr.Sci.Slant Doc.* Vol 24, No 4, 1987. p.211-225, 24 refs.

88-732 233; 795
Kalačkina, S.Ja.: On the semantic equivalence of lexems of different natural languages. Orig. ru. *Nauchno-tekhn.inform., Ser.2*, No 5, 1987. p.1-5, 20 refs.

88-733 234
Development and use of vocabulary and terminological facilities of document retrieval systems. Orig.ru. In: *Mezhvedomstvennyj sbornik nauchnykh trudov/SO GPN18.* Novosibirsk, SU 1987. 165p.

88-734 234
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88-735 234
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88-736 237
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88-737 237
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88-738 238
Bakry, S.H.: Towards a standard Arabic information processing vocabulary. *Computer Standards & Interfaces* Vol 7, 1988. p.343-348, 27 refs.

24 Relationships

88-739 241
Dunaev, V.V.; Poljakov, O.M.: Methodological aspects of a relational theory of classification. Orig. ru. *Nauch.-tekhn.inform., Ser.2*, No 4, 1987. p.21-27, 9 refs.

88-740 242; 6265
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88-741 247
Desai, B.C.; Goyal, P., Sadri, F.: Fact structure and its application to updates in relational databases. Orig. en. *Inform.Systems* Vol 12, No 2, 1987. p.215-221, 24 refs.

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See also 88-474, 88-512-598, 88-950, 88-707

88-743 251
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- 88-744 251
De Soete, G.; Carroll, J.D., DeSarbo, W.S.: Least squares algorithms for constructing constrained ultrametric and additive tree representations of symmetric proximity data. J.Classif. Vol 4, No 2, 1987. p.155-173, 34 refs.
- 88-745 251
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Hirtle, St.C.: On the classification of recall strings using lattice-theoretic measures. J.Classif. Vol 4, No 2, 1987. p.227-242, 17 refs.
- 88-747 251
Tomassone, R.; Danzart, M., Oudin, J.-J., Masson, J.-P.: Discrimination et classement. (Discrimination and classification) Orig.fr. Vineuil Cedex (41353, B.P.36): Maison du Livre Spécialisé (for Masson) 1988. 184p., ISBN 2-225-81325-6
- 88-748 252
Hansen, P.; Jaumard, B.: Minimum sum of diameters clustering. J.Classif. Vol 4, No 2, 1987. p.215-226, 12 refs.
- 88-749 252
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- 88-750 252
McLachlan, G.J.; Basford, K.E.: Mixture models. Inference and applications to clustering. Orig. en. New York-Basel: Marcel Dekker, Inc. 1987. 272p., Statistics: Textbooks and Monographs Series/84
- 88-751 252
Windham, M.P.: Parameter modification for clustering criteria. J.Classif. 4(1987)No.2, p.191-214, 21 refs.
- 88-752 253
Vogel, F.; Oobener, R., Grünwald, W.: Iterative Klassifikation von Merkmalsträgern. Programmpaket KOMIXI. 4.verb.u.erw.Aufl. (Iterative classification of groupings of characteristics. Program package KOMIXI. 4th improved and expanded ed.) Orig. de. Bamberg, DE: Universität. Forschungsstelle für Numerische Klassifikation 1988. 52p.
- 88-753 255
Chiba, S.; Watari, M., Watanabe, T.: A speaker-independent word-recognition system using multiple classification functions. Computer Speech and Language Vol 2, 1987. p.13-26
- 88-754 255
Jain, A.K.: Real-time object measurement and classification. Orig.en. Berlin-Heidelberg: Springer Verl. 1988. VIII,407p., NATO ASI Series F, Vol.42, ISBN 3-540-18766-9
- 88-755 255; 715
Kanal, L.N.; Datatreya, G.R.: Pattern recognition. Orig. en. In: Encyclop.Artif.Intell., Vol.2. New York, NY 1987. p.720-9, 45 refs.
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- 88-756 258
Egghé, L.: Concentration places, concentration evolutions, and online information retrieval techniques for calculating them. Inform.Process.& Management 24(1988)No 2, p.109-121, 1 ref.
- 88-757 258-36
Wisniewski, E.; Winston, H., Smith, R., Kleyn, M.: A conceptual clustering program for rule generation. Int.J.Man-Machine Studies Vol 27, 1987. p.295-313, 13 refs.
- 88-758 259-416
Nakayama, Sh.-I.; Shigezumi, S., Yoshida, M.: Method for clustering proteins by use of all possible pairs of amino acids as structural descriptors. J.Chem.Inform.Comput.Sci. Vol 28, 1988. p.72-78, 7 refs.
- 88-759 258-44
Ceska, A.; Roemer, H.: COENOS: An IBM PC Program for the Braun-Blanquet Table Technique of Vegetation Classification. Victoria, B.C., Canada, 1987. J.Classif. Vol 4, No 2, 1987. p.243-4, 3 refs.
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Pettit, E.J.; Pettit, M.J.: Analysis of the performance of a genetic algorithm-based system for message classification in noisy environments. Int.J.Man-Machine Studies Vol 27, 1987. p.205-220, 21 refs.

26 Notation, Codes

- 88-761 265
Salvi, G.N.; Balakrishnan, M.R.: Book numbering system in the BARC library. IASLIC Bull. Vol 32, No 1, 1987. p.1-10
BARC = Bhabha Atomic Research Centre

- 88-762 267
Sukiasyan, E.R.: Classification notations in Soviet publications: Survey on classification systems and rules for publication numbers in Soviet books and journals. Orig.en. The Hague: IFLA Materials of 53rd Conference, Brighton 1987. 9p.

27 Revision, Updating, & Maintenance

See also 88-833, 88-865, 88-866

- 88-763 276
Coibion, C.: GTI: Gestion de Thesaurus Interactive, logiciel pour PC. (Handling of an interactive thesaurus, software for the PC) Orig.fr. Cahiers de la Doc., No 3, 1987. p.67-80

- 88-764 276
Shvertner, K.: Automatic subject heading lists. Orig. bg. Avtom.izchisl.tekhn.i avtomatizir.sist., No 3, 1987. p.74-76

28 Compatibility and Concordance

- 88-765 286
Chamis, A.V.: Selection of online databases using switching vocabularies. J.ASIS Vol 39, No 3, 1988. p.217-218, 3 refs.
States that databases with free-text terms are less expensive to produce, but they are more difficult, more time consuming and more expensive for the users. Switching languages have the potential for resolving the problems caused by the lack of compatibility among the terminology used to designate a concept. A thesaural relationship model was developed to measure the degree of compatibility and switching capability of a thesaurus or of vocabularies, designated as compatibility and switching values (CSV). Groups of terms were matched with VSS (Vocabulary Switching Systems). States that switching vocabularies have a great potential for facilitating the selection of appropriate search terms. (M.P.Satija)

3 CLASSING AND INDEXING

31 Theory of Classing and Indexing

See also 88-475-478, -670, -672, -673, -679, -686, -996

- 88-766 313
Furniss, P.: Subject cataloguing in the time of the OPAC: A worm's eye view. Cat.& Index, No 87, 1987. p.1-3, 18 refs.
Despite so many changes in the outer form of the catalogue in the computer age, the only significant development in subject indexing is the post co-ordination method. Predicts that OPACS and co-operative cataloguing networks promise exciting changes in subject access. The trend is towards depth indexing using large numbers of descriptors even for monographs. Feeling that descriptors for OPACS cannot possibly be used for bibliographic databases, suggests, therefore, research into the suitability of CIP descriptors to local needs. The stress should be on intensional aboutness of the document. Also explores the possibility of a code for indexers on the line of Merrill's Code for Classifiers.

- 88-767 317
Liskova, A.: Keywords and the document author. Orig.cz. Techn. knih. 31(1987)No.6, p.175-177, 3 refs.

32 Subject Analysis

See also 88-509, 88-680, 88-708

- 88-768 321
Iivonen, M.: On the orientation of indexing. Orig.fi. Kirjastotiede ja informatikka Vol 6, No 1, 1987. p.25-30, 6 refs.

- 88-769 321
Neill, S.D.: The dilemma of the subjective in information organisation and retrieval. J.Doc. 43(1987)No.3, p.193-211, 78 refs.

- 88-771 321
Weinberg, B.H.: Why indexing fails the researcher. Indexer Vol 16, No 1, 1988. p.3-6, 25 refs.
It is contended that indexing which is limited to the representation of aboutness serves the novice in a discipline adequately, but does not serve the scholar or researcher who is concerned with highly specific aspects of or points-of-view on a subject. The linguistic analogs of "aboutness" and "aspect" are Topic and Comment respectively. Serial indexing services deal with topics at varying levels of specificity but neglect

comment almost entirely. This may explain the underutilization of secondary information services by scholars, as has been repeatedly demonstrated in user studies. Natural language searching of fulltext databases does not solve this problem, because the aspect of a topic of interest to a researcher is often inexpressible in concrete terms. The thesis is illustrated with examples of indexing failure. Author, abbr.

88-772 323
Mohler, P.Ph.: Computerunterstützte Inhaltsanalyse - zwischen Algorithmen und Mythen. (Computer-supported contents analysis - between algorithms and myths) Orig.de. Sprache und Datenverarbeitung Vol 9, No 2, 1985. p.11-15

88-773 325
Ciganik, M.: Conceptual facet analysis of text. Orig. cs. Cs.inform. Vol 29, No 9, 1987. p.237-243, 12 refs.

88-774 328-6
Mochmann, E.: Inhaltsanalyse in den Sozialwissenschaften. (Contents analysis in social sciences) Orig. de. Sprache und Datenverarb. Vol 9, No 2, 1985. p.5-10, 17 refs.

33 Classing and Indexing Techniques

See also 88-720

88-775 331
Sprehe, B.: Book review of Berman, S.: Subject cataloging - critiques and innovations. New York: Haworth Press 1984. 252p. Publ.Lib. Quart. Vol 7, No 3/4, 1986. p.101

88-776 332
Igarashi, H.: A classification method for print works: a review of a small library. Orig.ja. Dai...kai joho kagaku gijutsu kenkyu shukai happyo ronbunshu, No 23, 1986. p.81-88

88-777 333
Yakovleva, I.N.: Manual indexing of a scientific document with the use of syntagmatic and thesaurus relations: Apropos the development of a method. Orig.ru. In: Metody i sredstva razrab.inf.obespech.dlja zadach upr. Kiev 1987. p.10-15, 5 refs.

88-778 334; 6927
Ghani, A.: Arabic literature: Uniterm indexing system for storage and retrieval. Int.Lib. Rev. 19(1987)p.321-333, 13 refs. Defines subject indexing and uniterm indexing. Briefly introduces into the Arabic language and its difficulties with the uniterm indexing system. Serious efforts are being made in the Arab world to adopt foreign language thesauri and to arabize them. Also it has been recognized that standardization is needed, e.g. concerning numerals and the use of the calendar.

88-779 335
Craven, T.C.: Adapting of string indexing systems for retrieval using proximity operators. Inform.Process.& Management Vol 24, No 2, 1988. p.133-140, 14 refs. Exploration of the idea to use a conventional string indexing source description, together with a special phrase generator, to generate multiple descriptor phrases for inclusion in a database record for online retrieval. For use with proximity operators, these multiple descriptor phrases should attempt to meet such objectives as bringing together groups of syntactically related words. Software for generating multiple descriptor phrases from source descriptions in a specific existing string indexing system is briefly described. (Author)

88-780 335
Guy, R.F.: Book review of Craven, T.C.: String indexing. Orlando, FL etc.: Academic Press 1986. XI, 246p. J.Doc. 43(1987)No.4, p.360-362
Book review also by M.A.Kascus in: Cat.& Classif.Quart.8(1987) No.1, p.140-141

88-783 337
Horvath, T.; Orban, E.: PRECIS. Orig. hu. Tud.es musz.tájék. Vol 34, No 7, 1987. p.311-323, 10 refs. Report on the introduction of PRECIS (Preserved Context Index System) in Hungary's National Educational System.

88-785 337
Beck, H.: Book review of Austin, D.: PRECIS. A manual of concept analysis and subject indexing. 2nd ed. with assistance of M.Dykstra. London: British Libr. 1984. Orig. en. Int.Classif. Vol 15, No 1, 1988. p.37-38, 4 refs.

88-786 337
Price, R.: PRECIS reassessed. Orig. en. Cat.& Index, No 87, 1987. p.4-6, 8 refs. The author tested a BNB PRECIS subject index with a general thesaurus and more specialised thesauri. He found PRECIS is better suited to the users with specialised needs. Also the author-title & subject indexes of BNB were tested concerning recall and precision ratios. The results of tests are given in 6 points. M.P.Satija

88-787 337
Schnelling, H.: Book review of Dykstra, M.: PRECIS: A primer. London: British Library Bibl.Serv.Div. 1985. Orig. en. Int.Classif. Vol 15, No.1, 1988. p.38-39

34 Automatic Classing and Indexing

See also 88-923

88-788 341
Womser-Hacker, Ch.: Book review of Lustig, G.(Ed.): Automatische Indexierung zwischen Forschung und Anwendung (Automatic indexing between research and application). Hildesheim: Olms 1986. XI, 182p. Orig.de. Nachr.Dok. 39(1988)No 1, p.59-60

88-789 341
Salton, G.; McGill, M.J.: Information Retrieval - Grundlegendes für Informationswissenschaftler. (Information retrieval - fundamental issues for information scientists). Orig. de. Hamburg, etc.: McGraw-Hill 1987. 465p., ISBN 3-89028-051-X The book is a translation (by Wolfgang von Keitz) of "Introduction to modern information retrieval". It contains the following 10 chapters: IR - eine Einführung, Invertierte Oa-teilsysteme, Textanalyse und automatisches Indexieren. Die experimentellen Retrievalsysteme SMART und SIRE. Die Bewertung von Retrievalsystemen. Fortgeschrittene Retrievaltechniken. Verarbeitung natürlicher Sprache. Informationstechnologie: Hardware und Software. Datenbankmanagementsysteme. Zukünftige Entwicklungen im Information Retrieval. Sachregister.

88-790 342
Rada, R.; Mili, H.: Creating and evaluating entry terms. J.Doc. Vol 44, No 1, 1988. p.19-41, 31 refs.

88-791 342
Zychowski, P.: Determining the information value of words on the basis of their length and frequency of use. Orig.pl. Pr.nauk.USI Katowicech Pr.wydz.techn., No 23, 1986. p.283-291, 10 refs.

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Lucarella, D.: A document retrieval system based on nearest neighbour searching. J.Inform.Sci. 14(1988)p.25-33, 22 refs.

88-794 344
Buchan, R.L.: Computer-aided indexing at NASA. Orig. en. Reference Librn. Vol 18, 1987. p.269-277, 32 refs.

88-795 344; 757
Martinez, C.; Lucey, J.; Linder, E.: An expert system for machine-aided indexing. J.Chem.Inform.Comput.Sci. Vol 27, 1987. p.158-162, 15 refs.

88-796 345
Biswas, S.C.; Smith, F.: Computerized deep structure indexing system - A critical appraisal. Orig. en. Int.Classif. Vol 15, No 1, 1988. p.2-12, 41 refs.

88-797 346
Dorda, W.; Haidl, B.; Sachs, P.: Processing medical natural language data by the system WAREL. Orig. en. Meth.Inform.Med. Vol 27, 1988. p.67-72

88-798 346
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88-799 347
Wykoff, L.: Subject headings: a brief online history. Orig.en. Medical Reference Services Quart. Vol 6, No 3, 1987. p.69-73

88-801 348
Bazhenov, S.R.: One approach to automatic classification of documents. Orig.ru. In: Razrab.i ispol'z.slovar.-terminol.sredstv dok.IPS. Novosibirsk, SU 1987. p.47-55, 7 refs.

See also 88-683

35 Manual and Automatic Ordering

See also 77-792, 88-977, 88-838, 88-839

88-802 354; 845
Fadiran, D.: Classification and shelving of periodicals in academic libraries in Nigeria. Orig.en. Serials Librn. Vol 13, No 1, 1987. p.107-

88-803 355
Motzkin, D.; Williams, K.: A generalized database directory for nondense attributes. Inform.Process.& Management 24(1988)No 2, p.161-171, 29 refs. Description of a generalized indexing system for nondense attributes based on the inverted file structure while providing additional improvements and options. (Author, abbr.)

36 Coding

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37 Reclassification

- 88-805 377
Strebl, M.: Retrospective subject cataloging. Orig. en. LIBER Bull., No 29, 1987. p.76-78
- 88-806 378-2/4
Anderson, A.J.: Memo from the (college) president: reclassify creation science books (with discussion). Orig. en. Libr.J. Vol 112, No 53, 1987. p.3-4

38 Index Generation and Programs

- 88-807 381
Roose, T.: Computer indexes vs. print indexes. Orig. en. Libr.J. Vol 112, No 14, 1987. p.158-159
- 88-809 383
Soboleva, E.; Medvedenko, L., Bobrov, L.: Computer-aided production of bibliographic indexes: methodology and methods. Orig. ru. In: Avtomatiz.inform.obsluzhv.: 3 Nauch.-pril.konf.mezhdunar.uchastie. Ch.2. Sofia, BG 1987. p.255-260, 6 refs.
- 88-810 384
Machovec, G.S.: Word-Cruncher: text indexing and retrieval software. Online Libr.& Microcomputers 5(1987)No 6-7, p.6-9
- 88-811 387
Rowley, J.: Tracer: indexing package. Orig. en. Inform.World Review, No 19, 1987. p.10-11
- 88-812 387
Sturr, N.C.: Writing a subject headings list program using dBase III. Libr.Software Review Vol 5, No 5, 1986. p.275-279

39 Evaluation of Classing and Indexing

- 88-813 395
Naraoka, I.: Some problems of using MeSH in searching literatures of fulminant hepatitis by MEDLINE. Orig. ja. Online Kensaku Vol 8, No 3, 1987. p.122-125
- 88-814 396
Yanko, T.E.: On some matches between natural language units and IR system query language units. Orig. ru. Nauchn.-tekh.inform., Ser.2, No 5, 1987. p.22-25, 13 refs.
- 88-815 396; 389; 753
Aanonson, J.: A comparison of keyword subject searching in six British university Opacs (Online Public Access Catalogs) Online Review Vol 11, No 5, 1987. p.303-313, 6 refs. Investigates the booklist compilation function by six university Opacs: 1) Cambridge, 2) Hull, 3) Newcastle, 4) Surrey, 5) Sussex, 6) York. These were tested against two searches: 1) North Sea Oil, 2) Housing for the physically disabled. The Opacs are accessible through the Joint Academic Network (JANET) which was established in 1984.

4 ON UNIVERSAL SYSTEMS

42 On the Universal Decimal Classification

- 88-816 42.07
Robinson, G.: UDC, A brief introduction. Orig. en, fr, es, it. The Hague: FID General Secretariat 1984 (reset with amendments 1988?), FID 574. Copies are available free of charge.
- 88-817 42.17
Claude, V.: Faut-il brûler les manuels de bibliothéconomie? Un débat ouvert sur les classifications. (Should one burn the library science manuals? An open debate on classification systems) Orig.fr. Inter-COI Vol 15, No 88, 1987. p.49-50, 2 refs.
- 88-818 42.19
Carosella, M.P.: La CDU e l'Italia. (The UDC and Italy) Orig.it Boll.Inform.Assoc.Ital.Bibl. 27(1987)No 2, p.175-180, 10 refs.
- 88-819 42.213
Hadler, P.: Book review of Hegseth, B.L.: UDL i EDB-systemer og betydningen dette har for informasjonsgjensinnningen: Seminar i Trondheim, Sept.1984. (The significance of the UDC in EDP systems for information retrieval) Oslo 1985. Orig. de. Zbl.Bibl.wes. Vol 101, No 7, 1987. p.319-320

- 88-820 42.213
Nöthiger, R.: ETHICS. Projektübersicht. (Survey on the ETHICS project) Orig.de. DK-Mitt. Vol 32, No 1, 1988. p.1-4 Short description of the university library of the Technical University of Zurich, its center for research and development and the general frame for the computerization development. History of the ETHICS project (ETH Library Information Control System), using the UDC as its classification system. Principles for the development of ETHICS. ETHICS is a network system, its functions and its partial systems are described. Possibilities of collaboration and preliminary steps for other libraries to have access to ETHICS are outlined. Concludingly a summary of the state of the project is given in 13 points. Some 600 programs have been completed, it is envisaged that some 400 have still to be done. Further steps are indicated.

- 88-822 42.4
Universal Decimal Classification. Orig. ch. J.Libri.Inform.Sci. Vol 12, 1986. p.222-239

- 88-823 42.4
Babiczyk, B.: A magyar ETO-kiadások húsz éve (1966-1986). (Hungarian UDC editions existing since 20 years) Orig.hu. Tudományos és Műszaki Tájékoztatás Vol 34, No 11, 1987. p.543-552

- 88-824 42.4
Schmidt, A.F.: Zur offiziellen Urschrift der internationalen und universellen Dezimalklassifikation. (On the official original manuscript of the international and Universal Decimal Classification) Orig.de. OK-Mitt. Vol 31, Nos 5 and 6, 1987. p.15-18 and 19-22. As there does not as yet exist an original manuscript for the UDC the author outlines future steps in elaborating an authentic UDC record and an original UDC manuscript.

- 88-825 42.6-22
Lupandin, I.V.: UDC working schedule for physics: Using abbreviations to incorporate new concepts. Orig.ru. In: Nauch.opisanie i sistematiz.lit. Moskva, SU 1986. p.39-45, 5 refs.

- 88-826 42.6-25
Vavilova, G.P.; Bulina, O.A.; Rozenshil'd, L.K.: Developmental features of working schedules for Class 54 Chemistry. Orig.ru. In: Nauch.opisanie i sistematiz.lit. Moskva, SU 1986. p.58-64, 2 refs.

- 88-827 42.6-82
Olesova, E.S.: Compiling working schedules for informatics. Orig.ru. In: Nauch.opisanie i sistematiz.lit. Moskva, SU 1986. p.80-87, 8 refs.

- 88-828 42.6-93
Gócza, G.: Subject exploitation of musical compositions. Orig.hu. Könyvtari Figyelő Vol 33, No 1, 1987. p.34-46, 6 refs.

- 88-829 42.984; 934
Hennes, H.-J.: OPAC, Verbund, OK: Vorüberlegungen für die Einbringung der Dezimalklassifikation in den Bibliotheksverbund. (Opac, network, UDC: Preliminary considerations for the entry of the UDC into the library network). Orig.de. Biblos Vol 36, No 3, 1987. p.162-178, 5 notes

43 On the Dewey Decimal Classification (DDC)

- 88-830 43.07
Friis-Hansen, J.B.: Book review of Satija, M.P., Comaromi, J.P.: Introduction to the practice of Dewey Decimal Classification. New Delhi: Sterling Publ. 1987. 152p. J.Librarianship Vol 20, No 2, 1988. p.152-153

Review also by H.H.Wellisch in Int.Classif.15(1988)No 1,p.40-1

- 88-832 43.213
Finni, J.J.; Paulson, P.J.: The Dewey Decimal Classification enters the computer age: developing the DDC Database (DB) and Editorial Support System. Int.Cataloguing Vol 16, No 4, 1987. p.46-48, 5 refs.

Describes the online Editorial Support System (ESS) installed in 1984/87 by Inforonics Inc. for the publication of the three DDC-volumes and the Manual on the use of the DDC. The online system combines full screen editing capabilities with extensive validation and a cursor positioning scheme which provides quick access to the most frequently edited portions of the Dewey notes. For the search a scheme of contextual searching was devised. It is explained as well as other features of the system.

- 88-833 43.274
Comaromi, J.P.; Satija, M.P.: Revising the Dewey Decimal Classification. Int.Classif. 15(1988)No.1, p.17-20, 2 refs.

- 88-833a 43.274
Fitzgerald, M.: Continuing reports of interest from ALA Conference, New York: RTSD/Cataloging and Classification Section/

Committee on Cataloging: Asian and African Materials. Techn. Serv. Quart. 4(1987)No.4, p.69-72

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88-834 43.6-99
Turp, St.: Using Dewey in a monastic library. Orig. en. Cat.& Index, No 87, 1987. p.6-8

88-835 43.91
Rooke, S.: From 001 to 006: Implementing the new Dewey schedules. Orig.en. Cat.& Index, No 86, 1987. p.6-8
Experiences are related made in the library at Plymouth Polytechnic.

88-836 43.925
Chan, L.M.: Decimal Classification Editorial Policy Committee: Annual Report. Libr.Resourc.& Techn.Serv. 32(1988)No 1,p.68-70
States the five reasons for relocation of topics in the new editions of the DOC. The DCEPC 91 and 92 meetings were held in Nov.1986 and April 1987. A number of draft schedules for editin 20 were approved.

44 On the Library of Congress Classification

and on the LIBRARY OF CONGRESS SUBJECT HEADINGS

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Culberg, L.; Stewart, R.: Using LC classification for children's materials. Resources & Techn.Serv.Div.News1. 12(1987)p.46-48

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Library of Congress Subject Cataloging Div.: Subject cataloging manual; shelflisting. Washington, DC: Library of Congress. Subject Cataloging Div. 1987. loose-leaf ed.

88-839 44.265; 354
Asher, R.E.: Book review of Subject Cataloging Manual: Shelflisting. Prepared by Subject Cataloging Div., Library of Congress. Washington, DC: LC 1987. Orig. en.
Libr.Resources & Techn.Serv. Vol 32, No 1, 1988. p.92-93

88-840 44.6-6
Caster, L.D.: The classifier's guide to LC class H; subdivision techniques for the social sciences. Orig. en.
Washington, DC(?): Neal-Schuman 1986. 143p.

88-841 44.75
OCLC to provide online access to LC Subject Authority Records. Inf.Retrieval & Libr.Automat. Vol 23, No 10, 1988. p.7-8

88-843 44.6-984
Weinberg, B.H.: Cutter J4: tampering with the Library of Congress Classification for Judaica.
Judaica Librarianship Vol 3, No 1-2, 1986/87. p.46-, 10 refs.

88-844 44.6-984
Weinfeld, M.: The classification of holocaust denial literature by the Library of Congress.
Judaica Librarianship Vol 3, No 1-2, 1986/87. p.50-57; 86-87

88-845 448
Bakewell, K.G.B.: Book review of Chan, L.M.: Library of Congress Subject Headings: Principles and application. 2nd ed. Littleton, CO: Libraries Unlimited 1986. XVI, 511p.
J.Lib.arianship 19(1987)No.2, p.133-134

88-846 448
Henige, D.: Library of Congress Subject Headings: Is Euthanasia the answer? Cat.& Classif.Quart. 8(1987)No 1, p.7-17, 18 refs.

88-847 448
Library of Congress response to "Library of Congress Subject Headings: Is euthanasia the answer?" by David Henige. Cataloging & Classif.Quart. Vol 8, No 1, 1987. p.21-23

88-848 448.814
Studwell, W.E.: The 1990s: decade of subject access. Amer.Libraries Vol 18, No 11, 1987. p.958, 960, 5 refs.

88-849 448-697
Studwell, W.E.: Library of Congress Subject Heading Period Subdivisions for the history of the individual states of the United States: some proposed additions. Catalog.& Classif.Quart. Vol 8, No 1, 1987. p.121-131, 21 refs.
See also 88-728

45 On the Bliss Classification (BBC)

88-850 45.6-72
Bakewell, K.G.B.: Book review of Mills, J., Broughton, V., Lang, V.: Bliss Bibliographic Classification, 2nd ed. Class T: Economics. Management of Economic Enterprises. London: Butterworths 1987. 250p. J.Lib.arianship 19(1987)No.4, p.279-281

46 On the Colon Classification (RCC)

BB-851 46.4
Ohyani, P.: Colon Classification Edition 7 - An appraisal. Int.Classif. Vol 15, No 1, 1988. p.13-16
Describes the new features of Edition 7. States its positive points and its weaknesses. Pinpoints the modifications and changes made in the Edition as against Edition 6. (Author)

88-852 40.4
Kumar, P.S.G.: Introduction to Colon Classification, Edition 7. Orig.en. Nagpur: Dattsons 1987. 160p.
This is not an introduction into the 7th Edition of the Colon Classification as published in 1987 by M.A.Gopinath (see item 88-024 in Int.Classif.88-1, p.48). It was published before the 7th edition has been released by the Sarada Ranganathan Endowment.

47 On the Library Bibliographical Classif.

See also BB-507, BB-508

(LBC/BBK)

88-853 47.07
Schulz, H.: Bibliothekarisch-Bibliographische Klassifikation: adaptierte Fassung; BBK/A. (Werbeschrift). (Library Bibliographic Classification: adapted version. LBC/A) Orig.de. Berlin, DO: Method.Zentrum f.wiss.Bibliotheken u.Inform.u.Dok.einrichtungen d.Min.f.Hoch- u.Fachschulwesen 1987. 12p.

88-854 47.07
Schulz, H.: Zur Charakterisierung der BBK/A. (Characterization of the LBC/A (version)) Orig.de. Zbl.Bibl.wes. Vol 102, No 1, 1988. p.26, 30, 4 refs.

88-855 47.07
Zhdanova, Z.: Vnedrenie BBK: uspechi i rosčety. (Introduction into the LBC: successes and weaknesses) Orig. ru. Bibliotekar', Moskva, No 2, 1987. p.59-61

88-856 47.08; 47.274
Problems of refining and application of the Library-Bibliographical Classification. Orig.ru. Leningrad, SU 1987. 108p., Sbornik Nauch.Trudov. Biblioteka AN SSSR

88-857 Sukhmaneva, E.G.: Levels of category generalisation in general classifications and the synthesis methods used in LBC. 88-858 Komarova, I.N.; Lazurkina, V.B.: Representing the immunology problem area in LBC. - 88-859 Lomachinskaya, I.V.: Representing the ecology and systematic of silvan species in LBC schedules. - 88-860 Maslovets, R.D.: Toward the representation of human ecology problems in LBC. - 88-861 Suslov, A.K.: Fixing inter-subject boundaries when classifying materials on the Earth and Universe, as exemplified by space physics, cosmogony and planetology. - 88-862 Vasil'jev, V.E.: Fiction translation and its representation in LBC. - 88-863 Komarova, V.P.: Mood points of classification by LBC in Class Shch "Art, Art Studies". - 88-864 Kudrin, V.I.: Some problems of refining LBC Class T4 Archaeology section.

88-865 47.278-22
Perevoshchikova, L.M.: Compiling extensions and corrections to LBC Subclass B382 Elementary particles: Towards LBC optimisation. Orig.ru. In: Nauch.opisanie i sistematiz.lit. Moskva, SU 1986. p.46-57, 2 refs.

88-866 47.278-7
Zharikova, L.A.; Kolesnikova, Z.P.: Perfecting LBC special auxiliaries for engineering. Orig.ru. In: Nauch.opisanie i sistematiz.lit. Moskva, SU 1986. p.67-79, 11 refs.

88-867 47.31
Tyryshkina, Z.I.: The extent of coverage of printed items classified by LBC schedules, with special reference to the GPNT8 SO AN SSSR Classified Catalogue. Orig.ru. In: Nauch.opisanie i sistematiz.lit. Moskva, SU 1986. p.24-38, 9 refs.

48 On Other Universal Systems

88-868 483
Gao, Chong Quin; Hua, Li Guo: Compilation of "Subject Term List in Chinese Words". Orig.ja. Joho Kanri (J.of Inform.Process.& Management) Vol 30, No 2, 1987. p.106-115
This largest and most comprehensive thesaurus in China includes 100 000 subject terms and covers all aspects of the social sciences and science and technology. Description of its structure, compilation and application.

88-869 485
Sillzova, D.: A subject indexing language and a word-list for the Library Cooperative Integrated Library-Information System. Orig.sk. Knižn.a ved.inform. Vol 19, No 3, 1987. p.116-120

BB-870 485
Pflug, W.: Die Systematik der Universitätsbibliothek der Technischen Universität München. (The classification system of the

university library of the Technical University of Munich) Orig. de. Bibliotheksforum Bayern Vol 15, No 3, 1987. p.269-276
The classification system of the Munich Technical University Library has only been designed in 1984. The article describes preliminary considerations, gives a survey over the 50 main classes (denoted by a 3-letter code with a mnemonic character) and an example of a subdivision in the field of electrical engineering (notation uses numbers).

88-871 486
Skolek, J.: Development of the ISTIS indexing language system, 1980-1986. Orig.cs. Cs.inform. Vol 29, No 6, 1987. p.168-173

88-872 486
Sakagami, Y. et al: Statistical utilisation of non-descriptor terms in updating the JICST Thesaurus. Orig.ja. Dai...kai Joho Kagaku Gijutsu Kenkyu Shukai Happyo Ronbunshu, No 23, 1986. p.63-72, 5 refs.

88-873 487
Takano, F.: Statistical analysis of terms in JICST files and its use in thesaurus compilation. Orig.ja. Joho Kanri Vol 29, No 12, 1987. p.1035-1052, 4 refs.

88-874 487
Fen, Zh.: Analysis of the properties of the International Patent Classification. Orig.en. World Patent Inform. 9(1987)No 3, p.152-156, 3 refs.

88-875 487
Rivera, A.S.: An international classification for patents. The LBI for the recovery of information on innovations and improvements. Orig.es. Actual Inform.Cient.Tec.(Cuba) Vol 17, No 4, 1986. p.37-52
Suggestion of various classes required for an international classification of patents. Some of the sub-classes are mentioned. The hierarchic method of denoting a subject is discussed in detail. (Author, abbr.)

88-876 487
Jialian, Sh.: Fourteen years of continuous efforts for the Chinese IPC. Orig.en. World Patent Inform. 9(1987)No 2, p.104-108

88-877 489; 687
Azerskaya, N.Y.: On the new edition of the "Universal Literature Classification for Publishing in the USSR". Orig.ru. Sovetskaya Bibliografiya, No 5, 1986. p.45-49
This classification scheme has been in use since 1978. An outline is presented of its basic properties, brief history and its divisions. The background is given also for changes made in the new edition.

6 ON SPECIAL SUBJECTS CS & T

62 On CS & T in the Energy and Matter Area 2

88-878 6264
Nigmatullin, R.S.; Osipov, A.L.; Zatselin, V.M.: Linguistic and software tools for the design of chemical reaction databases. Orig.ru. In: Razrab.i ispol'z.solvar.-terminol.scredstv dok. IPS. Novosibirsk, SU 1987. p.97-102, 4 refs.

63 On CS & T in the Cosmos and Earth Area 3

88-879 633; 636
Erevinova, M.: Linguistic tools of the computerised document retrieval system for geology in Bulgaria. Orig.ru. In: Avtomatiz. inform.obsluzhv.: 3 Nauch.-pril.konf.mezhdunar.uchastie, Ch.2. Sofiya, 8G 1987. p.72-77, 8 refs.

88-880 639
Kalia, D.R.: Classification schedules for area studies. Orig.en. CLIS Observer Vol 4, Nos 1-2, 1987. 102p.
This article has also been published as a book by Reliance Publ.House, 1987. 102p.

64 On CS & T in the Bio Area 4

88-881 6415
Pavlovskaya, E.; Boloshin, I.; Birman, N.: Database vocabulary analysis and problems of forecasting. Orig.ru. In: Avtomatiz. inform.obsluzhv.: 3 Nauch.-pril.konf.mezhdunar.uchastie, Ch.2. Sofia, 8G 1987. p.66-71, 6 refs.

88-882 644; 872
Blumenbach, D.; Laux, W.: Thesaurus und Personalcomputer als Hilfsmittel zur Dokumentation von Bildinhalten einer Diapositivsammlung aus dem Bereich der Phytomedizin. (Thesaurus and personal computer as an aid in documenting the contents pictures in a collection of slides in the field of plant medicine) Orig.de. Mitt.Ges.f.8ibl.wes.u.Dok.d.Landbaues, No 41, 1987. p.57-64, 1 ref.

88-883 649
Nadezhdina, M.A.: The language apparatus of an international information subsystem on environmental protection. Orig.ru. transl.into en. Nauch.-tekh.inform., Ser.1, 1987)No 6, p.19-21, 2 refs. and Scient.& Techn.Inform.Process.14(1987)No.3, p.76-81

The International Problem-Oriented Information Subsystem for Environmental Issues of the CMEA countries and Yugoslavia (INFORMOOS) is charged with developing the information support for its members. The language apparatus of the automated part of the subsystem consists of a thesaurus and a subject heading authority as well as rules for indexing documents and queries. The INFORMOOS thesaurus was developed in accordance with the CMEA standard and ISO 2788. It consists of three parts: a lexical/semantic index of terms, a systematic index of descriptors, and a list of identifiers.

65 On CS & T in the Human Area 5

88-884 651/4
Backus, J.E.8.; Davidson, S.; Rada, R.: Searching for patterns in the MeSH vocabulary. Orig. en. Bull.Med.Lib. Assoc. Vol 75, No 3, 1987. p.221-227, 8 refs.

88-887 6537
Codognotto, P.; Galateri, E.: La nave dei folli. (The ship of fools) Orig.it. Biblioteche Oggi 5(1987)No 2, p.67-74, 23refs.
The V.Chiarugi library in Florence initiated the development of a thesaurus to meet to needs of library and information centers concerned with mental health based on studies of EMBASE, MEDLINE, PSYCHINFO and the Italian data base Dioniso.

88-888 6542
Masarie, F.E.; Miller, R.A.: Medical subject headings and medical terminology: an analysis of terminology used in hospital charts. Bull.Med.Lib. Assoc. 75(1987)No 2, p.89-94, 14 refs.

88-889 6563
Cornet, I.: Analyse du système documentaire du Centre de Technologie de l'Éducation de l'Université de Liège et création d'un thesaurus en technologie de l'éducation. (Analysis of the documentation system of the Center for Educational Technology of Liège University and generation of a thesaurus in the field of educational technology) Orig.fr. Cahiers de la Doc. Vol 41, No 2, 1987. p.53-64, 5 refs.

66 On CS & T in the Socio Area 6

88-890 662
Lemos, M.L.V.de: Development of a controlled vocabulary at the Library of the Federal Senate. Orig.pt. Ciencia da Informacao Vol 15, No 2, 1986. p.155-158, 4 refs.

88-892 666
Van Waelsden, P.: Legal thesaurus. Orig. nl. Juridische Bibliothecaris Vol 8, No 1, 1987. p.1-3

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

88-893 6715
Ojala, M.: Searching for industry information. Orig. en. Online Vol 11, No 2, 1987. p.99-101

88-894 673
Nakamura, S.; Yamada, Y. et al: Compilation of a thesaurus for an inhouse technical documentation management system. Orig.ja. Dai...kai Joho Kagaku Gijutsu Kenkyu Shukai Happyo Ronbunshu, No 23, 1986. p.47-54, 7 refs.

88-895 6768-24
Kozachkov, L.S.; Kureeva, L.A.: Logico-categorical thesauri in knowledge bases: a case study of the information system concept of the ETP thesaurus. Orig.ru. Kiev, SU: Institut kibernet. AN USSR (Preprint No.18) 1987. 25p., 7 refs.

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

88-896 6821
Eghe, L.: On the classification of the classical bibliometric laws. J.Doc. Vol 44, No 1, 1988. p.53-62, 8 refs.

88-897 683
Evstigneev, V.A.; Bulygina, L.I.: A subject heading list for the literature of computers and programming. Orig.ru. In: Razrab.i ispol'z.solvar.-terminol.scredstv dok. IPS. Novosibirsk, SU 1987. p.111-118, 5 refs.

69 On CS & T in the Humanities Area 9

88-898 69
Wiberley, St.E., Jr.: Names in space and time: the indexing vocabulary of the humanities. Orig. en. Libr.Quarterly Vol 58, No 1, 1988. p.1-28, 22 refs.

- 88-899 692
Baker, S.L.; Shepherd, G.W.: Fiction classification schemes: the principles behind them and their success. *RQ* 27(1987)p.245-51
- 88-900 692
Baker, Sh.L.: Fiction classification schemes: an experiment to increase use. *Public Libraries* 26(1987)No 2, p.75-77, 2 refs.
- 88-901 692
Shepherd, G.W.; Baker, Sh.L.: Fiction classification: a brief review of the research. *Public Libr.* 26(1987)No 1, p.31-32, 14 refs.
- 88-902 6923
Harris, K.: A faceted classification for special literature collections: The Dickens House Classification. *Orig. en. Int.Lib. Rev.* Vol 19, 1987. p.335-344, 3 refs.

- 88-903 694; 382
Markey, K.: Subject access to visual resources collections: A model for computer construction of thematic catalogs. *Orig. en. Westport, CT: Greenwood* 1986. 189p., *New Directions in Information Management*, No.11, ISBN 0-313-24031-0

Book review by E.Svenonius in: *Library Resources & Techn.Serv.* Vol 31, No 4, 1987. p.388-391

- 88-904 6962
König, G.: Oie Erschließung personenbezogener Literatur im ADV-Verfahren BASIS. (Cataloguing personalia literature in the BASIS computer-assisted system) *Orig. de. ABI-Techn.* Vol 7, No 3, 1987. p.237-245, 14 refs.
Description of the rules used to process biographic literature within the framework of the BASIS computer-assisted information system which had been developed in cooperation with five libraries in Nordrhein-Westfalen. Two databases are the basis of the system: 1) a subject classification and the subject catalogue built up on it, 2) the thesaurus developed jointly by the city libraries of Bochum, Duisburg, and Essen. By this a multispect indexing of documents has been made possible. The system output includes COM catalogues.

- 88-905 699
Macey, J.F.; Benyo, J.C.: Quovadis specialization? The current status of catholic schemas in the light of Vatican II and OCLC Cat. & Classif. Quart. Vol 8, No 2, 1987. p.105-120, 35 refs.

The items of Group 7 CLASSIFICATION AND LANGUAGE have been omitted in this issue for reasons of space and will be included in the next issue of *Int.Classif.*

8 APPLIED CLASSING AND INDEXING (C & I)

81 General Problems of Applied C & I

see also 88-715, -716, -717

- 88-906 812
Borgman, Ch.L.: Book review of Markey, K.: Subject searching in library catalogs: before and after the introduction of online catalogs. *Dublin, OH: OCLC* 1984. 176p., *Techn.Serv.Quart.* Vol 4 No 2, 1986. p.114-117

- 88-907 812
Förschner, F.: Eine Theorie zum Schlagwortkatalog. (A theory for the subject catalogue) *Orig. de. Wiesbaden: O.Harrassowitz* 1987. 96p., *Buchwiss.Beitr.Dt.Bucharchiv München*, Bd.21
The book comprises 4 chapters: 1) The traditional subject catalogue and the new technical possibilities. 2) Fundamental principles for the formation of a union subject catalogue. 3) Notes concerning PRECIS and RSWK (Rules for the Subject Catalogue). 4) Proposals or guidelines for the determination of the narrow concept. Notes. Bibliography (58 references). Index

- 88-908 812
Grebennyuk, T.V.: New developments in the methodology of editing the classified catalogue. *Orig. ru. Nauch. i tekhn. bibliotek. SSSR*, No 12, 1986. p.16-19, 5 refs.

- 88-909 812.753
Lynch, C.A.: Cataloguing practices and the online catalogue. *In: Proc. Annual Conference Amer. Soc. Inform. Sci.*, Vol. 22. *White Plains, NY: Knowledge Industry Publ.* 1985. p.111-115, 7 refs.

- 88-910 812
Pogorelova, V.A.: The systematic catalogue: methodological problems. *Orig. ru. Sovets. bibliotekoved.* No 5, 1986. p.39-47, 25 refs.

- 88-911 812
Rozenshil'd, L.K.; Usanova, I.A.: On some effectiveness indicators of classified catalogues. *Orig. ru. In: Nauch. opisanie i sistemiz. lit. Moskva, SU* 1986. p.96-98, 2 refs.

- 88-912 812.213
Ukhin, Yu.Yu. et al: Computerised classified catalogue: searching and indexing. *Orig. ru. In: Raspredei. avtomatizir. bibl.-inform. sistemy i seti. Novosibirsk, SU* 1986. p.78-89

- 88-913 814
Pariiskii, V.L.; Prizment, E.L., Sakharniy, L.V.: General rules for the subject indexing of documents. *Orig. ru. Sov. bibliotogr. fiya, No 1, 1986.* p.34-44

- 88-914 814
Studwell, W.E.; Rolland-Thomas, P.: The form and structure of a subject heading code. *Libr. Resources & Techn. Serv.* 32(1988)No 2, p.167-169, 7 refs.

The necessity of rules for subject headings have already been recognised since the mid 40s. Proposal to establish a comprehensive theoretical code to cover all situations of subject access. It should have three functional sections: 1) on basic theory, 2) specific rules and guidelines, 3) special subject areas, e.g. art. There is an editor's note added to the article, stating that the RTSD's Subject Analysis Committee is a viable alternative to the authors' suggestion.

- 88-915 818
Scientific description and classification of literature. *Orig. ru. Moskva: Bibliotekhnij soviet po estestvennym naukam pri Prezidiume AN SSSR* 1986. 151p.

- 88-917 818
Hill, F.J.: "Fortescue": The British Museum and British Library Subject Index. *British Libr. J.* Vol 12, No 1, 1986. p.58-63

- 88-918 818
Sidneva, V.D.; Sukiasjan, E.R.: Organisation, management and editorship of the systematic catalogue and its indexes in the Lenin Library: instruction and methodological recommendations. *Orig. ru. Moskva: Gos. Biblioteka SSSR im. V.I. Lenina, Otd. Sistematicheskikh i Predmetnykh Katalogov* 1986. 128p.

- 88-919 818
Mietheke, B.: Die Entwicklung des Systematischen Katalogs an der Hauptbibliothek im Wissenschaftlichen Informationszentrum der Akademie der Wissenschaften der DDR. (Creating a classified catalogue at the Central Library of the Scientific Information Centre, GDR Academy of Sciences) *Orig. de. Zentralbl. Bibl. wes.* Vol 101, No 7, 1987. p.296-303

- 88-920 818
Redzhepova, K.E.: The subject catalogue in the USSR and the Turkmen SSR. *Orig. ru. In: Bibl. str-vo v TSSR v period razvit. sots. Ashkhabad, SU.* p.61-70, 11 refs.

82 Data C & I

- 88-921 82-33; -36; -39
Grande, S.: The ideograph as a model for database design, indexing and retrieval of geological information. *Orig. en. Canadian J. of Inform. Sci.* Vol 12, No 1, 1987. p.10-19, 6 refs.

- 88-922 82-397
Bryon, J.F.W.: Topographical indexing. *Orig. en. Indexer* Vol 15, No 4, 1987. p.211-214, 10 refs.

- 88-923 82-6; 343
Leont'eva, N.N.; Bakulov, A.D., Davilov, M.P.: Automatic deep indexing for extracting facts from the text. *Orig. ru. In: Aktual. probl. razvitiya perspektiv. inf. tekhnol. Moskva* 1987. p.101-2

- 88-924 82-61
Hennan, E.: On site indexing of 1980 U.S. Census of Population and Housing. *Government Publ. Rev.* 14(1987)No 3, p.311-340

83 Title C & I

- 88-925 831
Biragova, I.I.: Scientific and technical terms searching vocabulary based on the titles of scientific and technical texts. *Orig. ru. In: Podgot. i ispol. z. nauch.-tekhn. slov i sisteme inform. obespech. Moskva, SU* 1986. p.68-70

- 88-926 831
Khanzin, A.G.: Subject, heading, and indexing. *Orig. ru. Nauch.-tekhn. inform. Ser. 2, No 7, 1986.* p.22-27

- 88-927 833
Hashimoto, A.; Shimamura, N.: The problem of keywords in title in the BIOSIS Previews database. *Orig. ja. Onrain kensaku* Vol 6, No 1, 1985. p.17-22, 1 ref.

- 88-928 833
Rajendran, P.P.: Enriched title-based keyword index generation using dBase II. *Program* 21(1987)No 2, p.160-173, 14 refs.
Description of the dBase II program used at the Renewable

Energy Resources Information Center (RERIC) in Bangkok, and of the RERIC News dBase management called NEWS OBF (Data Base File) including also a subject classification. Indexers assign classification codes and additional keywords. The generation of the Extended Title Keyword (ETKW) index is explained, the problems faced and their remedies are mentioned. States that the program uses less time and avoids duplication, though it requires manual editing for accurate final output.

84 C & I of Primary Literature (Except 85)

88-929 841
Svyatskaya, L.M.; Sladkova, S.I.; Timchenko, E.A.: An experience in conducting computerised information analysis of dissertation filing cards. Orig.ru. In: *Inform. protsessy i ikh avtomatiz.* Moskva, SU 1987. p.92-97

88-930 842
Schramm, R.; Biela, K.-O.: Modifizierung des automatisierten Indexierverfahrens MAI zur Volltextverarbeitung deutschsprachiger Patentschriften. (The modification of the MAI automatic indexing procedure for full-text processing of patents in German) Orig.de. *Informatik* 35(1988)No 2, p.55-58, 15 refs.

88-931 842; 193
Brenner, E.H.: API patent abstracting and indexing - cooperative efforts in historical perspective. Orig. en. *World Patent Inform.* Vol 9, No 1, 1987. p.27-33

88-932 842
Fisher, J.W.: Patent specifications. Orig. en. In: *Inform. Sources Eng.* London, etc. 1985. p.56-75, 63 refs.

88-933 842; 88-25/27
Sato, A.; Chihara, H.: Abstracting and indexing of Japanese patents for the CAS database. Orig.ja. *Dai...kai joho kagaku kenkyu shukaj happyo rombunshu*, No 23, 1986. p.127-34, 2 refs.

88-934 842
Stepanova, L.P.: The role of patent document indexes in the information support of science and production. Orig. ru. *Nauchn.-tekhn.inform.Ser.I*, No 10, 1986. p.19-21

88-935 842
Vil'chinskij, S.S.; Tishchenko, K.N.: The categories of political economy as the immanent base of patent classification. Orig.ru. *Naukoved.i inform.*, No 28, 1987. p.62-67, 11 refs.

88-936 842
Zimmermann, H.; Zakaria, S.: Automatische Patentklassifikation: Intellektuelle Klassifikation und Retrieval, experimentelle Ergebnisse. (Automatic patent classification: Intellectual classification and retrieval, experimental results) Orig. de. In: *Kalt, H.(Ed.); Bildschirmtext und Electronic Mail. Neue Formen der Bürokommunikation und der Informationsvermittlung.* Kongress 4. Hamburg, 2.-5.Febr.1988. Velbert, DE 1988.

88-937 844
Local newspaper indexing projects. British Library Newspaper Library seminar: 4 Dec.1987, Bristol. Orig. en. *Indexer* 16(1987)No.4, p.46-47, 2 refs.

88-938 844
Gruppo Spoglio Periodici Emiliano: La soggettazione nello spoglio cooperativo di periodici. (The determination of subjects in a cooperative examination of periodicals) Orig.it *Indicizzazione* Vol 2, No 2, 1987. p.64-71

88-939 844
Koch, J.E.: Newspaper indexing: planning and options. Orig.en. *Special Libraries* Vol 76, No 4, 1985. p.271-281, 52 refs.

88-940 844
Semonche, B.P.: Newspaper indexing: in search of a solution. Orig.en. *Collection Building* Vol 7, No 4, 1986. p.24-28

88-941 844
Wall, C.: Newspaper indexing: using an IBM mainframe computer and a text-formatting program. *Inform.Technol.& Libr.* 6(1987) No 1, p.34-39, 2 refs.

88-942 844
Morrison, D.: Indexes to The Times of London: An evaluation and comparative analysis. *Serials Librarian* 13(1987)No 1, p.89-101

88-943 844
Yeates, R.: Prestel indexing from the user's point of view. *Indexer* Vol 16, No 1, 1988. p.7-10

88-944 849
Craven, T.C.: Book review of Guidelines on Subject Access to Microcomputer Software. Chicago and London: American Library Assoc. 1986. III, 27p. *Inform.Process.& Management* Vol 23, No 4, 1986. p.388-389

85 Book Indexing

See also 88-979

88-946 857
Enser, P.G.B.: Experimenting with the automatic classification of books. In: *Proc.Informatics 8: Advances in Intelligent Retrieval.* Oxford, GB, Apr.16-17, 1985. London: Aslib 1985. p.66-84, 20 refs.

86 C & I of Secondary Literature

88-947 862
Heeks, R.: Personal bibliographic indexes and their computerization. London: Taylor Graham on behalf of the Primary Communications Research Centre, University of Leicester 1986. 189p., ISBN 0-947568-11-5

Book review by Rowley, J. in: *J.Doc.* 43(1987)No.3, p.288-290
Book review by Foskett, A.C. in *J.Librarianship* 20(1988)No 1, p.66-67

Report of a research project, funded by the British Library Research and Development Department. Examination of bibliographic indexes kept by individual academic researchers. The chapters: 1) Methodology of current indexing practices, 2) Forms of indexes, 3) Computerization as a solution to indexing problems, 4) Alternative indexing methods, 5) Computerization of indexes, 6) Problems encountered when setting up an index, 7) Management data, 8) Recommendations and conclusions.

88-948 863; 977
Moore, N.L.: LISA indexing: economic aspects of controlled indexing. *Indexer* Vol 16, No 1, 1988. p.11-16

Examines the accepted principles of controlled indexing, in published abstracting/indexing services and databases from the unusual aspect of the publisher's need to minimize production costs. Detailed information concerning the production of LISA (Library & Inform.Sci.Abstracts) is presented showing income and costs. The extended use of the Classification Research Group classification notation to provide automatic extraction of chain indexing strings and associated cross-references is described in detail. (Author, abbr.)

88-949 864
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