

Classification Literature 17(1990)No.2 (2-001 - 2-356)

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* Divisions of 04, 5, 6, 78, 82 and 88 according to the Information Coding Classification (ICC) described and displayed in Int. Classif. 9(1982)No.2, p.87-93 and in the International Classification and Indexing Bibliography, Vol. 1.(1982).

A further division of the above scheme (by one and sometimes two levels) was published in Int. Classif. 12(1985)No.3, p.147-151. From this more detailed scheme it will be visible that subject fields may also occur in many cases on the third and also forth level of division, indicated by the number 8.

** Monographs on special topics at special subdivisions.

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

We offer to send copies of the abstracts of the references cited to anybody interested.

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 | ll | Lithuanian | sk | Slovakian |
| es | Spanish | nl | Dutch | uk | Ukrainian |

0 Form Division

01 Bibliographies

See also 2-261

2-001 016
Beck, H.: **Bookreview of Dahlberg, I. (Comp. & Ed.): International Classification and Indexing Bibliography**. Vol.3: Classification and Indexing Systems: theory, Structure, Methodology, 1950-1982. Indeks Verlag 1985. XII, 211p. (Orig. de). Zbl.Bibl.wes. Vol.104, No.3, 1990. p.132-133

02 Literature Reviews

2-002 026
Blswas, S.C.; Smith, F.: **Classed thesauri in indexing and retrieval**. A literature review and critical evaluation of online alphabet classaursus. (Orig. en). Libr. & Inform.Sci.Res. Vol.11, No.2, 1989. p.109-141, 86 refs.
Following the publication of the FID/CR Report "Computerized Deep Structure Indexing Systems" (Devadason, 1986) a research project entitled "Applicability and efficiency of Deep Structure Based Subject Indexing Languages (SILS): PRECIS vs.DSIS" was undertaken at DILIS, Loughborough University, UK. The paper presents some of the drawbacks of the Classaurus methodology which surfaced during the study, followed by some suggestions for future improvement of the system. (Author, abbr.)

03 Dictionaries, Terminologies

2-003 032
Bles, W.: **Book review of Sauppe, E.: Wörterbuch des Bibliothekswesens ... de-en, en-de**. München: Saur 1988. XX, 428p. (Orig. de, en). Lebende Sprachen. Vol.35, No.1, 1990. p.40-41

2-004 032
Burger, E.: **Dictionary of Information Science**. (Orig. en, de, fr, ru). Amsterdam, NL: Elsevier Sci. 1989. 903p. 2 vols. ISBN 0-444-98904-8.
Compilation of approx. 25,000 entries in English, German, French and Russian. The following fields are covered: General foundations of information science, software development, hardware, system reliability, and applications of information science in industry and economics. Vol.1 contains the terms in the four languages with their codes, Vol.2 has the indexes which refer to the codes.

2-005 032
Schulze, Hans H.: **Computer-Enzyklopädie - Lexikon und Fachwörterbuch für Datenverarbeitung und Telekommunikation**. 4 Bde. (Computer Encyclopedia - a lexicon and dictionary for data processing and telecommunication). 4 vols. (Orig. de, en). Reinbek b.Hamburg: Rowohlt 1989. ca 2900p.
Contains some 26,000 entries with their English equivalents.

2-006 036
Ferre, A.-G.: **Terminologie de l'informatique**. A data processing terminology. (Orig. fr, en). Meta. Vol.33, No.3, 1988. p.427-438

04 Classification Systems and Thesauri

041 General Classification Systems and Thesauri

2-007 041, 845
Lang, R. et al. (Eds): **Canadian Thesaurus 1988: A guide to the subject headings used in the Canadian Periodical Index and CPI Online**. Thésaurus Canadien 1988. (Orig. en, fr). Toronto, Ont.: Info Globe 1988. 465p. ISBN 0-921925-04-2.
The bilingual list of over 35,000 terms covering all major subject areas and emphasizing Canadian topics reflects the contents of magazines indexed in the Canadian Periodical Index.

2-008 041
Woods, W.E.: **Manual and list of subject headings used on the Woods Cross Reference Cards**. 6th ed. (Orig. en). Evergreen Park, IL: Woods Libr.Publ. 1987. 132p. ISBN 0-912304-09-X.

2-009 041-de-56
Universitätsbibliothek Regensburg: **Aufstellungssystematik D: Pädago-**

gik, 5.Aufl. (Classification Scheme D: Education, 5th ed.) (Orig. de). Regensburg, DE: Univ.Bibliothek 1987. 54p.

2-010 041-de-924
Universitätsbibliothek Regensburg: **Aufstellungssystematik G: Germanistik, Niederländische Philologie, Skandinavistik**. 3.Aufl. (Classification Scheme: German philology, Dutch and Scandinavian philology, 3rd ed.) (Orig. de). Regensburg, DE: Univ.Bibliothek 1987. 336p.

2-011 041-de-66
Universitätsbibliothek Regensburg: **Aufstellungssystematik P: Rechtswissenschaft**. 6.Aufl. (Classification Scheme P: Law. 6th ed.) (Orig. de). Regensburg, DE: Univ.Bibliothek 1987. 169p.

2-012 041-de-71/2
Universitätsbibliothek Regensburg: **Aufstellungssystematik Q: Wirtschaftswissenschaften**. 3.Aufl. (Classification Scheme Q: Economics. 3rd ed.) (Orig. de). Regensburg, DE: Univ.Bibliothek 1987. 205p.

2-013 041-de-98, 99
Universitätsbibliothek Regensburg: **Aufstellungssystematik B: Theologie und Religionswissenschaft**. 4.Aufl. (Classification Scheme B: Religion and Theology. 4th ed.) (Orig. de). Regensburg, DE: Univ.Bibliothek 1987. 287p.

2-014 041-de-94
Universitätsbibliothek Regensburg: **Aufstellungssystematik LH-LO: Kunstgeschichte**. 3.Aufl. (Classification Scheme LH-LO: History of Art, 3rd ed.) (Orig. de). Regensburg, DE: Univ.Bibliothek 1988. 432p.

2-015 041-de-93
Universitätsbibliothek Regensburg: **Aufstellungssystematik LD, LP-LX: Musikwissenschaft**. 3.Aufl. (Classification Scheme LD, LP-LX: Theory of Music, 3rd ed.) (Orig. de). Regensburg, DE: Univ.Bibliothek 1988. 227p.

2-016 041-de-26/27, 522
Universitätsbibliothek Regensburg: **Aufstellungssystematik V: Chemie und Pharmazie**. 5.Aufl. (Classification Scheme V: Chemistry and pharmaceuticals.) (Orig. de). Regensburg, DE: Univ.Bibliothek 1988. 112p.

2-017 041-de-51/4
Universitätsbibliothek Regensburg: **Aufstellungssystematik XA-YZ: Theoretische und klinische Medizin**. 4.Aufl. (Classification Scheme XA-YZ: Theoretical and clinical medicine. 4th ed.) (Orig. de). Regensburg, DE: Univ.Bibliothek 1988. 197p.

2-018 041-de-39
Universitätsbibliothek Regensburg: **Aufstellungssystematik R: Geographie**. 6.Aufl. (Classification Scheme R: Geography. 6th ed.) (Orig. de). Regensburg, DE: Univ.Bibliothek 1988. 50p.

2-019 041-de-41
Universitätsbibliothek Regensburg: **Aufstellungssystematik W: Biologie und vorklinische Medizin**. 3.Aufl. (Classification Scheme W: Biology and preclinical medicine. 3rd ed.) (Orig. de). Regensburg, DE: Univ.Bibliothek 1968. 222p.

2-020 041-de-46, 47, 49
Universitätsbibliothek Regensburg: **Aufstellungssystematik ZA-ZE: Land- und Forstwirtschaft, Gartenbau, Fischereiwirtschaft, Hauswirtschaft**. 3.Aufl. (Classification Scheme ZA-ZE: Agriculture, forestry, gardening, fishing, home economics. 3rd ed.) (Orig. de). Regensburg, DE: Univ.Bibliothek 1988. 67p.

043 Dewey Decimal Classification

2-021 043.1
Trickey, K.: **Book review of Comaromi, J. et al: Dewey Decimal Classification and Relative Index, revised by Melvil Dewey, 20th ed**. Albany, NY: Forest Press 1989. (Orig. en). Cat. & Index., No.95, 1990. p.7-8

2-022 043.1
Henderson, K.L.: **Book review of Comaromi, J. et al. (Eds.): Dewey Decimal Classification and Relative Index, Revised by Melvil Dewey, Ed.20**. Albany, NY: Forest Press 1989. 4 vols. (Orig. en). Cat. & Classif. Quart. 10(1990)No.4, p.105-108

2-023 043.1
Sweeney, R.: **Dewey Decimal Classification - Edition 20**. (Orig. en). Outlook on Research Libraries. Vol.11, No.6, 1989. p.4-9

44 Library of Congress Classification

2-024 044.6-667
Derham, I.D.(Comp.): **Library of Congress Classification Class KDZ, KG-KH: Law of the Americas, Latin America and the West Indies.** Cumulative Schedule and Index. (Orig. en). Littleton, CO: Rothman 1988. 6642p. ISBN 0-8377-0127-9.

2-025 044.6-921
Burgess, M.: **Mystery and detective fiction in the Library of Congress Classification Scheme.** (Orig. en). San Bernardino, CA: Borgo Press 1987. 184p. ISBN 0-89370-818-6.

2-026 044.6-921
Burgess, M.: **A guide to science fiction and fantasy in the Library of Congress Classification Scheme. 2nd ed.** (Orig. en). San Bernardino, CA: Borgo Press 1988. 168p. ISBN 0-89370-827-5.

0448 Library of Congress Subject Headings

2-027 0448-519
Dickstein, R.; Mills, V.A., Waite, E.J.: **Women in LC's terms: A thesaurus of Library of Congress Subject Headings relating to women.** (Orig. en). Phoenix, AZ: Oryx Press 1988. 221p. ISBN 0-89774-444-6.

2-028 0448-93
Bratcher, P.; Smith, Jennifer (Comps): **Music subject headings.** (Orig. en). Lake Crystal, MN: Soldier Creek P 1988. 323p. ISBN 0-936996-31-5.

048- Special Classification Systems and Thesauri

2-029 048-33-36
Shimomura, R.H. (Ed): **GeoRef thesaurus and guide to indexing.** (Orig. en). Alexandria, VA: Amer.Geolog.Inst. 1989. 744p. ISBN 0-913312-98-3.

2-030 048-519
Leduc, S.: **Réalisation d'un thésaurus multilingue espagnol-français sur le Droits des femmes.** Establishment of a multilingual thesaurus on Female rights. (Orig. fr, es). Paris: Inst.Natl.des Techniques de la Documentation 1989. 63p.

2-031 048-519
Szpakowska, J.-K.: **Jeunes gens: thésaurus.** Essai de systématisation des connaissances spécifiques de la classe d'âge 13-25 ans. (Young people thesaurus. Attempt at systematizing the special knowledge of the 13-25 years old). (Orig. fr). Montréal, Qué.: Univ.de Montréal 1988. 679p.

2-032 048-538
Bertrand-Baschwitz., Vanderveken, M.: **Thésaurus spécialisé dans le traitement de la documentation des infections HIV et du SIDA.** (Thesaurus for documentation of literature on HIV infections and AIDS.) (Orig. fr). Bruxelles, BE 1988. 90p.

2-033 048-56
Ministère de l'Education National, Centre National de Documentation Pédagogique: **Thésaurus MOTBIS. 3 vols.** (Orig. fr). Paris: CNDP 1990. 868p.
The hierarchically organized thesaurus comprises 10,781 entries of which 15,927 descriptors are arranged in 156 semantic fields.

2-034 048-822
Swan Hill, J.: **Book review of: Binding Terms: A thesaurus for use in rare book and special collections cataloguing.** Chicago 1988 and Provenance Evidence: Thesaurus for use in rare book and special collections cataloguing. Chicago: Amer.Lib.Assoc. 1988. (Orig. en). Libr.& Inform.Sci. Annual. Vol.5 1989. 90-91
The two thesauri are reviewed together.

2-035 048-823
James, St.: **Book review of: Peniston, S., Graham, T.: Thesaurus of Information technology terms.** London 1989. 410 p. (Orig. en). Library Review. Vol.38, No.4, 1989. p.60

2-036 048-824
Direction des Archives de France: **Thésaurus W: Vocabulaires normalisés pour la description et l'indexation des archives administratives**

locales contemporaines. 2nd ed. Thesaurus W: standardized vocabulary for the description and indexing of contemporary local administrative archives. (Orig. fr). Paris: Dir.Arch.France 1989. 249p. ISBN 2-86000-165-4.

2-037 048-918
Verdooh, A.: **The written languages of the world: A survey of the degree and modes of use. Vol.3: Europe Occidentale/Western Europe.** (Orig. en, fr). Sainte-Foy, Canada: Presses de l'Université Laval 1990. 672p. ISBN 2-7637-7222-6.

2-038 048-984
Elazar, D.H.; Elazar, D.J.: **A classification system for libraries of Judaica. 2nd ed.** (Orig. en). Jerusalem/Lanham, MD: University Press of America 1988. 214p. ISBN 0-8191-6583-2.

05 Periodicals and Serials

2-039 056.757
Expert Systems for information Management. (Orig. en). Vol.1, No.1, London: Taylor Graham 1989.

The journal will provide a forum for the exchange of information relating to the theory and application of expert system technology to information processing and provision of the field of information science, business, the natural and social sciences, and the arts and humanities. Its scope includes expert systems; intelligent front ends; expertise directories; credit sanctioning; auditing; patent surveillance; resource allocation; stock control; natural language interfaces; records management; information retrieval; office automation; portfolio management; business intelligence; legal and regulatory advisory systems; network management.

Editor: Forbes Gibb. Publisher: Taylor Graham, 500 Chesham House, 10 Regent Street, London W1R 5FA, U.K. In the USA: Suite 187, 12021 Wilshire Boulevard, Los Angeles.

The following articles have some bearing on our field of interest:

2-040 Quirchmayr, G.: **Representing legal knowledge in information systems.** p.43-50

2-041 Zarrì, G.P.: **Knowledge acquisition for large knowledge bases using natural language analysis technique.** p.85-109

2-042 Black, W.J.; Johnson, F.C.: **A practical evaluation of two rule-based automatic abstracting techniques.** p.159-177

2-043 Neale, I.M.; Morris, A.: **Knowledge acquisition for expert systems: a brief review.** p.178-192

2-044 Yannakoudakis, E.J.: **Ayres, F.H., Huggill, J.A.W.: An expert system for quality control in cataloguing and document identification.** p.120-139

2-045 057
UNITARIO. (Orig. de). Vol.1, No.1, Bensheim, DE: Untarilo Press 1990.

In order to promote the new universal language UNITARIO, this first number gives an idea of what it is all about: Unitario is "a synthesis of three ideas: 1) the terminology key of Eugen Wüster, 2) the universal language Interlingua (based on Italian), and 3) the Esperanto of Ludwig Lazarus Zamenhof". Unitario is meant as a universal language developed only for use in scientific communication. There is a European Center for the Promotion of Unitario at D-6140 Bensheim, P.O.B.1825. An introductory text is available there also: (Mario Pleyer: Unitario - Entwurf einer Universalsprache. Bensheim: Untarilo Press 1989. 288p., DM44.-, ISBN 3-9802167-1-3). Unitario's grammar is available for DM2.- from the address above.

06 Conference Reports. Proceedings

See also 2-280

2-046 06.88-03-17/19
Beck, H.: **Book review of Wille, R. (Ed.): Klassifikation und Ordnung.** Tagungsband 12. Jahrestagg. d. Ges.f. Klassif. eV, Darmstadt, 17.-19.3.1988. Frankfurt: Indeks Verl. 1989. XII, 396p. = Stud.z. Klassif. Bd.19. (Orig. de). Zbl.Bibl.wes. Vol.104, No.5, 1990. p.231-235

2-047 06.88-05-13
Vickers, J.A.: **Book review of: Weinberg, B.H. (Ed.): Indexing: the state of our knowledge and the state of our ignorance.** Proc. 20th Annual Meeting Amer. Soc. Indexers, New York City, May 13, 1988. Medford, NJ: Learned Inform. 1989. X, 13p. (Orig. en). Indexer. Vol.17, No.1, p.71

2-048 06.88-05-13
Fugmann, R.: **Book review of Weinberg, B.H. (Ed.): Indexing - The State of the art and the state of our ignorance.** Medford, NJ: Learned Inform. 1989. 134p. (Orig. en). Int. Classif. Vol.17, No.1, 1990. p.37-40

2-049 06.88-06-28/30
Rust, A.: **Wissenschaftliche Konferenz Fachtexte, Deskriptionsmodelle und sprachliche Mittel**, Brandenburg, DDR, 28.-30. Juni 1988. (Scientific conference on special subject texts, description models and verbal tools, Brandenburg, GDR, 28-30 June 1988). (Orig. de). Special Language - Fachsprache. Vol.11, No.1-2, 1989. p.71-73

2-050 06.88-09-12/15; 651/4
Scherrer, J.R. et al.: **Computerized natural medical language processing for knowledge representation**. Proc. IFIP-IMIA WG6 Intern. Working Conf. on Computerized Natural Medical Language Processing for Knowledge Representation, Geneva, 12-15 Sept. 1988. (Orig. en). Amsterdam, NL: North-Holland 1989. 296p. ISBN 0-444-87356-2.

2-051 06.88-11-18/19; 43.06
Dack, D.: **Australian attends conference on Dewey**. (Orig. en). Cataloguing Australia. Vol.15, No.1, 1989. p.20-26, 1 ref.

2-052 06.89-10-2/4, 42.06
UDC Seminar. (Orig. en). Int. Classif. Vol.17, No.1, 1990. p.29

2-053 06.89-10-5/6
Helner-Frelling, M.: **Colloquy on the DB Standard Subject File**. (Orig. en). Int. Classif. Vol.17, 1990, No.1 Int. Classif. p.27-28.

2-054 06.89-12-18/21
Mater, E.: **From Data Processing to Knowledge Management**. Report on Topical Area 1 of the 16th International Colloquy at Erfurt, GDR, 1989. (Orig. en). Int. Classif. Vol.17, No.1, 1990. p.28-29

2-055 06.90-08-14/17
Tools for Knowledge Organization and the Human Interface. Darmstadt, 14-17 Aug. 1990. Program of the Conference. (Orig. en). Int. Classif. Vol.17, No.1, 1990. p.31-33

07 Text Books (whole field)

2-056 07.3
Beck, H.: **Book review of Buchanan, B.: Bibliothekarische Klassifikationslehre**. Übers. (aus dem Engl.) von U. Reimer-Böhner, München, etc.: Saur 1989. 151p. (Orig. de). Zbl. Bibl. wes. Vol.104, No.5, 1990. p.235-237

2-057 07.3
Cochrane, P.A.: **Book review of Hunter, E.J.: Classification made simple**. Brookfield, Vt.: Gower Publ. 1988. 115p. (Orig. en). Libr. & Inform. Sci. Annual. Vol.5, 1989. p.87

2-058 07.3
Larasse, E.: **Guide du classement dans l'entreprise** (Classification guide in the enterprise.) (Orig. fr). Paris: Ed. d'Organisat. 1988. 173p. ISBN 2-7081-0952-9.

08 Other Monographs

2-059 08.75
Willett, P. (Ed.): **Document retrieval systems**. (Orig. en). London: Taylor Graham 1988. 292p. ISBN 0-947568-21-2.

The volume contains 16 readings - partly of historic interest - among which the following:

2-060 Cleverdon, C.: **Optimizing convenient online access to bibliographic databases**. p.32-41

2-061 Salton, G.: **Automatic indexing and abstracting**. p.42-80

2-062 Harter, St.P.: **Statistical approaches to automatic indexing**. p.81-98

2-063 Lennon, M., Peirce, D.S., Tarry, B.D., Willett, P.: **An evaluation of some conflation algorithms for information retrieval**. p.99-105

2-064 Walker, St.: **Improving subject access painlessly: recent work on the OKAPI online catalogue projects**. p.113-123

2-065 Sparck Jones, K.: **A statistical interpretation of term specificity and its application in retrieval**. p.132-142

2-066 Croft, W.B.; Harper, D.J.: **Using probabilistic models of document retrieval without relevance information**. p.161-171

2-067 Berstein, L., Williamson, R.E.: **Testing of a natural language retrieval system for a full text knowledge base**. p.250-292

2-068 Frakes, W.B.: **Term conflation for information retrieval**. p.106-112

2-069 Porter, M., Galpin, V.: **Relevance feedback in a public access catalogue for a research library: MUSCAT at the Scott Polar Institute**. p.172-191

2-070 Salton, G., McGill, M.J.: **The SMART and SIRE experimental retrieval systems**. p.193-229

val systems. p.193-229

2-071 Brzozowski, J.P.: **MASQUERADE: searching the full text of abstracts using automatic indexing**. p.230-236

2-072 Doszkocs, T.E.: **CITE MLM: Natural-language searching in an online catalog**. p.263-279.

See also below under 2-126 and 2-151

2-073 08.751

Smith, Linda C. (Ed.): **Questions and answers: Strategies for using the electronic reference collection**. Papers presented at the 1987 Clinic on Library Applications of Data Processing, April 5-7, 1987. (Orig. en). Urbana-Champaign, IL: University of Illinois, Graduate School of Library and Information Science 1989. 208p.

The volume contains 15 papers from the "Clinic" and from a preconference session with an Introduction by Linda Smith.

2-074 Creth, Sh.D.: **Beyond technical issues: The impact of automation on library organizations**. p.4-13

2-075 Hildreth, Ch.R.: **Extending the access and reference service capabilities on the online public access catalog**. p.14-33

2-076 Roth, D.L.: **Extending the online catalog**. p.34-37

2-077 Baker, Betsy: **Reference services and the networks: some reflections on integration**. p.38-54

2-078 Diodato, V.: **Online ready reference in academic libraries: current practices and a review of planning issues**. p.55-70

2-079 Anderson, Ch.R.: **Online ready reference in the public library**. p.71-84

2-080 Rothenberg, D., Spencer, M.: **Full-text databases: Implications for libraries**. p.85-93

2-081 Noreault, T.: **Optical publishing: Effects on reference services**. p.94-102

2-082 Harter, St.P.: **Online searching as a problem-solving process**. p.103-120

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2-191 392
Maruyama, Sh.: **Metrics à la carte 2: consistency rate of classification.** (Orig. ja). *Joho no Kagaku to Gijutsu*. Vol.37, No.5, 1987. p.198-199, 5 refs.

2-192 394; 354
Maruyama, Sh.: **Metrics à la carte 3: the efficiency of shelf classification and its limitations.** (Orig. ja). *Johono Kagaku to Gijutsu*. Vol.37, No.6, 1987. p.243-244

2-193 396; 842
Krause, J., Womser-Hacker, Ch.: **PADOK-II: Retrievaltests zur Bewertung von Volltextindexierungsvarianten für das Deutsche Patentinformationssystem.** (Retrieval test for the evaluation of fulltext indexing variants of the German Patent Information System). (Orig. de). *Nachr. Dok.* Vol.41, No.1, 1990. p.13-19, 28 refs.

2-194 396
Riesthuis, G., Stuurman, P.: **Tendenzen in de onderwerpsontsluiting: (2) vrije terminologie versus gecontroleerd vocabulaire.** (Trends in subject indexing: (2) free terminology versus a controlled indexing language). (Orig. nl). *Open Vol.* 21, No.10, 1989. p.348-352

2-195 396
Schwandt, J.: **Nutzung kontrollierter und freier Terminologie bei der Recherche in grossen bibliographischen Datenbasen.** (Utilization of controlled and free terms in searching large bibliographic databases). (Orig. de). *Informatk.* Vol.36, No.4, 1989. p.136-138, 12 refs.

4 On Universal Systems

42 On the Universal Decimal Classification

See also 2-052

2-196 42.07
Anderson, J.D.: **Book review of Bose, H.: Universal Decimal Classification: Theory and practice.** New Delhi: Sterling 1987. 176p. (Orig. en). Libr. & Inform. Sci. Annual. Vol.5 1989. p.85

2-197 42.1
Mishra, D.S.: **UDC In perspective.** (Orig. en). Progress Libr. & Inform. Sci. Vol.9, 1989. p.19-25++, 42 refs.
Discusses the purpose and origin of growth of the UDC. Describes the basic structure of the UDC and also its notation. Stresses the limitations and inconsistencies in structure and notation of the UDC. Gives a detailed account of the revision policy and procedure. (Author)

2-198 42.6-267
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Shamkova, N.B.: **Working schedules for class 55 Geology, Geological and Geophysical Sciences: Compilation features.** (Orig. ru). In: Nauch.katalogiz. IIT. I org.katalogov. Moskva, SU 1988. p.70-75, 12 refs.

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43 On the Dewey Decimal Classification

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2-203 43.07
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2-205 43.4
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2-206 43.6-91
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2-207 43.6-93, 757
Schultz, L.: **Designing an expert system to assign Dewey classification numbers to scores.** (Orig. en). In: Proc. Natl. Online Meeting, New York, NY, May 9-11, 1989. Medford, NJ: Learned Inform. 1989. p.393-397, 1 ref.

44 On the Library of Congress Classification

2-208 44.6-397 MX
Bennett, R.A.: **Expansions of the Library of Congress Classification for Mexico, Class F.** (Orig. es). Invest. Bibliotecologica. Vol.1, No.2, 1987. p.51-64, 7 refs.

2-209 44.6-66
Bennett, R.A.: **The new schedules for Law and the Implications for classification.** (Orig. es). Investigación Bibliotecológica. Vol.1, No.3, 1987. p.3-20, 17 refs.

2-210 44.6-967
Aderblighe, M.R., Udoh, D.J.E.: **L.C. Subclass PL8000-8844: A case for revision.** (Orig. en). Cat. & Classif. Quart. Vol.10, No.3, 1990. p.77-90, 6 refs.

448 Library of Congress Subject Headings

See also 2-120

2-211 446.3
Studwell, W.E.: **Subject suggestions 6: Some concerns relating to quantity of subjects.** (Orig. en). Cat. & Classif. Quart. Vol.10, No.4, 1990. p.99-104

2-212 448.6-94
Studwell, W.E.: **Subject suggestions 5: some concerns relating to art.** (Orig. en). Cat. & Classif. Quart. Vol.10, No.3, 1990. p.91-95

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2-214 448.753
Frost, C.O.: **Title words as entry vocabulary to LCSH: Correlation between assigned LCSH terms in bibliographic records with implications for subject access in online catalogs.** Cat. & Classif. Quart. Vol.10, 1989, No.1-2, p.165-179, 8 refs.

2-215 448.755
Carlyle, A.: **Matching LCSH and user vocabulary in the library catalog.** (Orig. en). Cat. & Classif. Quart. Vol.10, No.1-2, 1989. p.37-63, 6 refs.

46 On the Colon Classification

See also 2-346

2-216 461
Goplnath, M.A.: **Colon Classification: Its theory and practice.** (Orig. en). Library Herald Vol.26, No.1-4, 1987/88. p.1-38, 5 refs.
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47 On the Library Bibliographical Classification (BBK)

2-218 47.22
Sadovaya, A.N.: **Perfecting common auxiliaries of race and nationality in the LBC.** (Orig. ru). In: Nauch.katalogiz. IIT. I org.katalogov. Moskva, SU 1988. p.81-94, 13 refs.

2-219 47.274
Fadiceva, E.N.: **The adaptation of the Soviet Library-Bibliographical Classification in the GDR.** (Orig. ru). Bibliotekoved. bibliogr. rubezhom No.120, 1989. p.53-57, 8 refs.

2-220 47.489
Sapocnik, E.: **The LBC tables for children's libraries.** (Orig. ru). Bibliotekar' (Moskva), No.2, 1989. p.48-49

2-221 47.989
Helbig, G.: **Das Projekt Klassifikation für wissenschaftliche Bibliotheken.** (The project Classification for Scientific Libraries). (Orig. de). Zbl. Bibl. wes. Vol.104, No.5, 1990. p.213-216, 6 refs.
Discussion of considerations concerning a methodology for the establishment of a new classification system for scientific libraries oriented towards the

Soviet Library Bibliographical Classification (BBK) combined with the advantages of a subject heading system and a system of auxiliaries.

48 On Other Universal Systems

485 On CS & T for Libraries

See also 2-109, -349

487 On Patent Classification Systems

See also 2-328

2-222 487
Schwelkhardt, F.: **Some thoughts on hybrid systems especially for patent documentation.** (Orig. en). World Patent Inform. Vol.11, No.3, 1989. p.125-133, 23 refs.

489 On Universal CS for Other Special Purposes

(Children, Youth, Public Offices, State Documents, etc.)

See also 2-220

2-223 489
Katernann, Ch.: **Die Systematik für Kinder- und Jugendbibliotheken.** Entwicklung und gegenwärtiger Stand. (Classification systems for children's and youth libraries. Development and present status). (Orig. de). Köln: Fachhochschule für Bibliotheks- und Dokumentationswesen 1988. Diplomarbeit, Öff.Bibliotheken.

2-224 489
Teresinska, A.: **Systems of arrangement and notation of fiction for children and young people in Polish libraries: a proposal for a universal system.** (Orig. pl). Poradnik Bibliotekarza, No.4, 1988. p.15-18

2-225 489
Boyca, B.R., Douglass, J.St., Rabalais, L.J.: **A sort procedure for the Superintendent of Documents Classification.** (Orig. en). Governm.Inform.Quart. Vol.6, No.2, 1989. p.175-182, 10 refs.

6 On Special Subjects CS and T

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

2-226 629
Timotin, A., Ghețaru, S.: **The rational thesaurus of the terms included in the International Electrotechnical Commission's publications.** (Orig. en). Probl.Inform.si doc. Vol.23, No.3, 1989. p.115-124

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

2-227 6376
Snlmshchikova, I.A.: **The effectiveness of use of the ASNTI-gaz computerized STI system sectoral subject heading list.** (Orig. ru). In: Probl.soversh.otrasl.sistemy nauch.-tekh.inform. Moskva, SU 1988. p.82-83

64 On CS and T in the Bio Area 4

2-228 6461
Lucas, M.: **Mise au point du thésaurus d'une banque de données statistique agricole.** (Updating the thesaurus for the agricultural statistical database). (Orig. fr). Paris: Institut National des Techniques de Documentation 1989. 33p.

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Schrader, S.: **Ist das Oxford-System für den Einsatz in Computergestützten Systemen geeignet?** (Is the Oxford-system capable of being used in computer-supported systems?) (Orig. de). Mitt.Ges.Bibl.wes.u.Dok.Landbau, No.45, 1989. p.5-16, 13 refs.

2-230 647
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2-231 647
Yerke, T.B.: **Preparing forestry terminologies for international compatibility in computerized information systems and databanks.** (Orig. en). In: Kempf, A.(Ed.), Int.Union of Forest Res.Org., Subj.Group S 06.03: Inform.syst.f.forestry-related subjects: Access, search techn. and user needs. Proc. 21-24 June 1988. Birmersdorf, CH 1988. p.195-203, 5 refs.

65 On CS and T in the Human Area 5

See also 2-050, -121

2-232 651/4
NLM's **Unified Medical Language System.** (Orig. en). Inform. Retrieval & Libr. Autom. Vol.15, No.9, 1990. p.7-8

2-233 656
Baldazzi, A.: **Scienze dell'educazione e classificazioni bibliografiche.** (Education science and bibliographic classification). (Orig. It). Frascati, IT: Centro Europeo dell' Educazione 1989. 174p., 241 refs.
The chapters cover: Epistemological and systematic bibliography of educational science - Class L Education in the Library of Congress Classification - The Bliss Classification and the work of the Classification Research Group in the field of education - The system of Liu Guo and the influence of Western systems.

2-234 656
Thomas, A.R.: **British Counsellor's views of ERIC terms.** (Orig. en). Cat.& Index., No.95, 1989. p.1,3-4

Assessment of the degree of correspondence of language and logic found by British counsellors in the Thesaurus of ERIC Descriptors. Some 50 counsellors were addressed of which 50% answered. 22 terms were evaluated. There was disagreement concerning terms, meanings, and relation between terms. Formulation of conclusions.

2-235 658
Negri, G.: Novari, E., Onida, M.: **Proposte per la realizzazione di un thesaurus nel settore dello sport.** (Proposal for the establishment of a thesaurus in the field of sports). (Orig. It). Roma, IT: CNR CONI Div.Doc.e Inform. 1989. 83p., 8 refs.= Note di Bibliogr.e Doc.Sci.54.
Chapters cover: Introduction - Determination of the semantic field of the thesaurus - Identification of thesaurus elements (lexical and semantic) - Formal elements of the thesaurus - Thesaurus examples (in general) - Examples of sport thesauri - References.

66 On CS and T in the Socio Area 6

2-236 663
Röttches, H.: **Thesauruspfege im Verbund der Bibliotheken der obersten Bundesbehörden.** Thesaurus maintenance in the library network of the German governmental offices. (Orig. de). Mitt.Arb.gem.Parlaments-u.Beh., No.67, 1989. p.1-22
The thesaurus of the German governmental offices consists of eight partial thesauri, viz. for concepts denoting time, historical events, form, persons, subject titles, authorities, geographic items and subjects. The article describes the particular thesauri and demonstrates their specialties in tabular form.

2-237 666
VanLaer, C.J.P.: **Accessibility of legal information by means of shared subject indexing.** (Orig. nl). Juridische Bibliothecaris. Vol.8, No.2, 1987. p.17-20, 6 refs.

67 On CS and T in the Production Area 7

2-238 671
Nowak, E.: **Classification of multidimensional information in economic system modelling.** (Orig. pl). Pr.nauk AE Wroclawu, No.443, 1988. p.9-14

2-239 676
Frieband, S.J.: Burnum, J.: **The US Trade Representative (USTR) trade thesaurus: development, innovation and use.** (Orig. en). Inform.Serv.& Use. Vol.8, No.5/6, 1988. p.239-248, 5 refs.
See also 2-114

69 On CS and T in the Humanities Area 9

2-240 692
Beghtol, C.: **Access to fiction: a problem in classification theory and practice, Part 2.** (Orig. en). Int.Classif. Vol.17, No.1, 1990. p.21-26, 101 refs.

2-241 693
Erdeyl, F.: **Flexible music classification scheme**. Suggestions for the extension of the codes of the scheme. (Orig. hu). *Könyvtari Figyelő*. Vol.34, No.11, 1988. p.50-67, 18 refs.

2-242 693
McKnight, M.: **Improving access to music: a report of the MLA Music Thesaurus Project Working Group**. (Orig. en). *Notes*. Vol.45, No.4, 1988. p.714-721, 12 refs.

2-243 693
Müller-Benedikt, M.: **Populärmusik In der Musikalien-Freihandsystematik - Ein Konzept**. (Popular music in an open access classification scheme for music documents - a plan). (Orig. de). *Forum Musikbibliothek*, No.2, 1988. p.95-120, 21 refs.

2-244 694, 758-94
Petersen, T.: **Information on Images: the Art and Architecture Thesaurus as a front end for retrieval**. (Orig. en). *Proc. Natl. Online Meeting, New York, NY, May 9-11, 1989*. Medford, NJ: Learned Inform. 1989. p.335-341, 6 refs.

7 Classification and Language

71 General Problems of Natural Language

2-245 7158-51/4, 68, 62
Kumagal, N.: **Application of Artificial Intelligence**. (Orig. ja). *Online Kensaku*. Vol.10, No.3, 1989. p.107-116

72 Semantics

See also 2-123, -143

2-246 722
Lekant, P.A.(Ed.): **Word semantics and phrase semantics**. (Orig. ru). Moskva, SU: Mosk.obl.ped.in 1989. 123p.Mezhvuz.sb.nauch.tr.

2-247 723, 396
Bauer, G., Schneider, Ch.: **PADOK-II: Untersuchungen zur Volltextproblematik und zur Interpretativen Analyse der Retrievalprotokolle**. (PADOK-II: problems of fulltext retrieval and interpretative analysis of retrieval protocols). (Orig. de). *Nachr.Dok*. Vol.41, No.1, 1990. p.21-26, 14 refs. Description of the results of additional tests concerning the question of how much of a document (fulltext versus title + abstract) is needed for reaching acceptable recall. Results show considerable lower recall values for restricted document size. The integration into the overall methodical concept of PADOK and first results are the essentials of the interpretative retrieval protocol analysis. (Authors)

2-248 723
Lavrenova, O.A.: **A knowledge system model used in computerised information systems**. (Orig. ru). *Nauchno-tekh.inform.Ser.2*, No.6, 1989. p.5-9, 11 refs.

Describes the experience and methods of practical application of a language for modelling the semantics of scientific texts especially developed to handle basic problems in the design of linguistic support for information systems and databases. The formalisation of semantics consists of computation and format representation of some activity components based on a hypothetical model of knowledge. (Author)

2-249 725
Tatsumi, F., Tetsuya, H., Hroyuki, K., Ken'ichi, H., Akio, K.: **Architectural evaluation of a semantic network machine**. (Orig. ja). in: *Database Mach.and Knowl.Base Mach.: Papers 5th Int.Workshop Database Mach.*, Tokyo, 1987. Boston, MA 1988. p.544-556, 6 refs.

73 Automatic Language Processing

See also 2-063, -144

2-250 732
Liddy, E.D.: **Anaphora in natural language processing and information retrieval**. (Orig. en). *Inform.Process.& Management*. Vol.26, No.1, 1990. p.39-52, 27 refs.

Anaphora is the discourse-level linguistic phenomenon of abbreviated subsequent reference, pronouns being the most commonly used anaphors. In

that anaphora play an essential role in human processors' production and understanding of texts, its appropriate recognition and resolution is essential to information retrieval systems that manipulate natural language texts. The approaches to anaphora undertaken in theoretical linguistics and NLP are surveyed and the results of research on anaphora as it impacts on information processes are presented with specific attention to the detailed studies conducted at Syracuse University. These studies have provided essential baseline data on the extent to which anaphora occur, their likelihood of referring to concepts integral to the topic, their effect on a variety of term-weighting schemes, and their impact on retrieval results. Although the most effective means of processing anaphora may not have yet been determined, it is suggested that improved retrieval systems will need to represent the full meaning of natural language documents, including anaphoric references as well as all other discourse linguistic phenomena. (Author)

2-251 732
Gay, L.S., Croft, W.B.: **Interpreting nominal compounds for information retrieval**. (Orig. en). *Inform.Process.& Management*. Vol.26, No.1, 1990. p.21-38, 22 refs.

It is shown that simple, knowledge-intensive algorithms can successfully interpret many of the compounds found in technical documents. Experiments indicate that effective identification of concepts represented by nominal compounds may be possible without these knowledge-intensive algorithms. (Authors, abbr.)

2-252 733
Hahn, U.: **Topic parsing: accounting for text macro structures in full-text analysis**. (Orig. en). *Inform.Process.& Management*. Vol.26, No.1, 1990. p.135-170, 67 refs.

The rapid proliferation of full-text databases poses serious problems to the natural language processing components of information retrieval systems. Not taking text-level phenomena of written natural language discourse into account causes a marked decrease of performance for many text information system applications. Consequently, appropriate text parsing facilities must be capable of recognizing the rich internal structure of full-texts on lower levels of text connectivity as well as on the global organizational level of text coherence. This paper introduces such a parser which is based on the conceptual knowledge of its domain and is organized as a collection of distributed lexicalized grammar modules (word experts) which communicate through message-passing. Emphasis is put on text grammatical specifications which state formal conditions for recognizing higher-order text constituents and their coherent configuration on the global level of textual macro organization. (Author)

2-253 733
Metzler, D.P., Haas, St.W., Cosic, C.L.: **Conjunction, ellipsis, and other discontinuous constituents in the constituent object parser**. (Orig. en). *Inform.Process.& Management*. Vol.26, No.1, 1990. p.53-71, 21 refs.

The Constituent Object Parser (COP) is a domain independent syntactic parser developed for use in information retrieval and similar applications. Its purpose is to extract a simple hierarchical description of a phrase or sentence that can be used in very general pattern matching procedures to determine the structural similarity of sentences or phrases that contain equivalent terms. This paper discusses the mechanisms by which COP handles the problems of conjunction, ellipsis, and discontinuous constituents. These structures are usually particularly difficult to handle in a parser that does not employ domain knowledge or even general semantic knowledge. COP's mechanisms for these structures are directly tailored for, and, in part, even made possible by, the nature of the intended uses of the outputs by the information retrieval matching procedures. (Authors)

2-254 733
Salton, G., Buckley, Ch., Smith, Maria: **On the application of syntactic methodologies in automatic text analysis**. (Orig. en). *Inform.Process.& Management*. Vol.26, No.1, 1990. p.73-92, 32 refs.

This study summarizes various linguistic approaches proposed for document analysis in information retrieval environments. Included are standard syntactic methods to generate complex content identifiers, and the use of semantic knowhow obtained from machine-readable dictionaries, and from specially constructed knowledge bases. Certain syntactic term phrase generation systems are examined in detail and their usefulness for text analysis purposes is evaluated. (Authors)

2-255 733
Sembok, T.M.T., Rijsbergen, C.J.van: **SILOL: a simple logical-linguistic document retrieval system**. (Orig. en). *Inform.Process.& Management*. Vol.26, No.1, 1990. p.111-134, 41 refs.

This paper introduces a logical-linguistic model of document retrieval systems and describes an implementation of a system called SILOL which is based on this model. SILOL uses a shallow semantic translation of natural language texts into a first order predicate representation in performing a document indexing and retrieval process. Some preliminary experiments

have been carried out to test the retrieval effectiveness of this system. The results obtained show improvements in the level of retrieval effectiveness, which demonstrate that the approach of using a semantic theory of natural language and logic in document retrieval systems is a valid one. (Authors)

74 Grammar Problems

See also 2-113

2-256 743
Endrzej-Boryczka, U.: **Automatic recognition of grammatical classes of words by the end fragments.** (Orig. ru). *Nauchno-tekhn. Inform. Ser.2.*, No.6, 1989. p.24-27, 7 refs.

75 Online Problems and Technologies

See also 2-059, -064, -069, -072, -073, -124, -146, -150, -151, -161, -165, -213, -214, -215, -244

2-257 751
Göddert, W.: **Book review of Kemp, D.A.: Computer-based knowledge retrieval.** London: Aelb 1988. X,399p. (Orig. en). *Int.Classif. Vol.17, No.1*, 1990. p.36-37

2-258 751
Metz, P.: **Subject searching in libraries: present and future, Part 2.** (Orig. en). *J.Acad.Librshp.* Vol.14, No.6, 1989. p.1-11

2-259 751, 812
Slack, F.: **Subject searching on OPACs: a general survey of facilities available on OPACs in academic libraries in the UK.** (Orig. en). *Vine.*, No.72, 1988. p.8-15, 8 refs.

2-260 752
Broadbent, E.: **The online catalog: dictionary, classified, or both?** *Cat.& Classif.Quart.* Vol.10, No.1-2, p.105-124, 26 refs.
The main purpose of the study was to determine if the online catalog can function both as a dictionary and classified catalog without requiring additional time or intellectual effort on the part of the cataloger. A total of 1842 MARC bibliographic records listed in the 370-379 classified section of American Book Publishing Record were studied. These records displayed 2735 subject headings. Of these, 1491 (55%) had a Library of Congress classification number linked to them. An alphabetical and classified index was created using primary subjects and their related classification numbers. While such an index could be a useful browsing device if integrated into an online catalog, creating a bona fide classified catalog would require assigning classification numbers to the secondary subject headings. (Author)

2-261 752.01
Dale, D.C.: **Subject access in online catalogs: an overview bibliography.** (Orig. en). *Cat.& Classif.Quart.*, Vol.10, No.1-2, p.225-251, 55 refs.
The first item in this review of 55 references is dated 1978 and the latest three are from 1988. Almost 40% of the items were published in 1984 and 1985. Slightly over 50% of the items were published in six journals, with the greatest number appearing in *Inform.Technol.& Libraries* and *Libr.Resources & Techn.Services*. The review is in three sections: Background section with general discussion of the topic and literature surveys; section with material on research and development; and a last section dealing with future developments.

2-262 752 FR
Jouguet, S.: **Subject access in online catalogs: developments in France.** (Orig. en). *Cat.& Classif.Quart.* Vol.10, No.1-2, 1989. p.213-224

2-263 752
McCarthy, C.: **A reference librarian's view of the online subject catalog.** (Orig. en). *Cat.& Classif.Quart.* Vol.10, No.1-2, 1989. p.203-211, 9 refs.
As truly effective subject retrieval for online catalog users will not be possible until the Library of Congress gives a higher priority to consistency in the assignment of subject headings - recognizing the intellectual complexity of LCSH - it is proposed that subject specialists should be appointed to monitor the assignment of subject headings at the Library of Congress. (Author, abbr.)

2-264 753
Markey, K.: **Alphabetical searching in an online catalog.** (Orig. en). *J.Acad.Librshp.* Vol.14, No.6, 1989. p.353-360, 11 refs.
Analysis of retrieval test data suggest that searchers expect alphabetic searches to provide lists of assigned subject headings conceptually related to their topics of interest. System designers can not respond to their

expectations by incorporating Library of Congress Subject Headings in online catalogs.

2-265 753
Massicotte, M.: **Improved browsable displays for online subject access.** (Orig. en). *Inf.Technol.& Libr.* Vol.7, No.4, 1988. p.373-380, 8 refs.

2-266 753
Olsen, R.J., Christensen, J.O., Larsen, K.A., Willey, K.: **Implementing NOTIS Keyword/Boolean Searching: a case study.** (Orig. en). *Cat.& Classif.Quart.* Vol.10, No.1-2, 1989. p.125-140, 12 refs.

2-267 753
Ercegovic, Z.: **Augmented assistance in online catalog subject searching.** (Orig. en). *Ref.Libr.*, No.23, 1989. p.21-40, 92 refs.

2-268 754
Alt-Kaci, H., Nasr, R., Seo, J.: **Implementing a knowledge-based library information system with typed Horn Logic.** (Orig. en). *Inform.Process.& Management.* Vol.26, No.2, 1990. p.249-268, 11 refs.
The article discusses the implementation of a knowledge base for a library information system. The system was conceived using a typed logic programming language - LOGIN - where type inheritance is built in. The knowledge base is structured in a hierarchical taxonomy of library object classes where each class is represented in a frame style knowledge structure and inherits the properties of its parents, and where inferential inference rules have been established through typed Horn clauses. (Authors, abbr.)

2-269 754
Vyasamoorthy, P.: **Basic program for sequential search using Boolean operators.** (Orig. en). *Int.Inform.Commun.& Educ.* Vol.7, No.2, 1988. p.191-198, 1 ref.

2-270 755
Blazek, R., Bilal, D.: **Problems with OPAC: a case study of an academic research library.** (Orig. en). *RQ.* Vol.28, No.2, 1988. p.169-178, 10 refs.

2-271 755
Klugman, S.: **Failures in subject retrieval.** (Orig. en). *Cat.& Classif.Quart.* Vol.10, No.1-2, 1989. p.9-35, 19 refs.
Since users seldom think of their topic in terms of library subject headings, they encounter problems in finding matches. Online catalogs have helped somewhat by allowing keyword searching and Boolean combinations. Librarians need to look carefully at the MARC format and at enhanced and enriched subject approaches. Machine-generated links and leads can provide more paths and wider access to subject information. (Author, abbr.)

2-272 755
Murdock, P.R.: **Cataloging catalysis: toward a new chemistry of concience, communication and conduct in the online catalog.** (Orig. en). *Cat.& Classif.Quart.* Vol.10, No.1-2, 1989. p.65-80, 10 refs.
The paper explores the potentialities of an empowered public services/technical services interface as a liberating and exhilarating vehicle for change, improvement, understanding, and access in the online subject catalog. (Author)

2-273 755
Rolland-Thomas, P., Mercure, G.: **Subject access in a bilingual online catalog.** (Orig. en). *Cat.& Classif.Quart.* Vol.10, No.1-2, 1989. p.141-163, 17 refs.
Canadian library records, bilingual by statute, are created according to a common set of rules and standards. Subject access to the catalogue remains language dependent. Even searches by classification in some OPACs rely first on an alphabetical index as an entering key. Fully bilingual OPACs with authority control and reciprocal references in one file have yet to appear. Thus far the Canadian Workplace Automation Research Center has produced ASIR/SIRI with an online bilingual thesaurus. The National Library of Canada has developed within DOBIS a bilingual system providing automatic linkages between records and authority files. But true bilingual searching (a search in one language retrieving records in both languages) could be achieved by a built-in automatic translation module. Total accommodation of diacritical marks by terminal keyboards and display monitors is also a challenge to be met. (Authors)

2-274 756
Boycø, B.R., MacLain, J.P.: **Entry point depth and online search using a controlled vocabulary.** (Orig. en). *J.Amer.Soc.Inform.Sci.* Vol.40, No.4, 1989. p.273-276, 14 refs.
The depth of indexing, the number of terms assigned on average to each document in a retrieval system as entry points, has a significant effect on the standard retrieval performance measures in modern commercial retrieval systems. Tests of the effect of basic index search, as opposed to controlled

vocabulary search, in these real systems are quite different than traditional comparisons of free text searching with controlled vocabulary searching. In modern commercial systems the controlled vocabulary serves as a precision device, since the structure of the default for unqualified search terms in these systems requires that it do so. (Author)

2-275 756
Van Beveren, Ch.J.: **The MEMIC subject headings thesaurus online.** (Orig. nl). *Open. Vol.20, No.3, 1988. p.92-93, 5 refs.*

2-276 756
Williamson, N.: **The role of classification in online systems.** (Orig. en). *Cat. & Classif. Quart. Vol.10, No.1-2, 1989. p.95-104, 20 refs.*

757 Expert Systems

See also 21-039, -043, -044, -091

2-277 757
Wissen transparent. (Transparent knowledge). (Orig. de). *BIT (FRG). Vol.25, No.4, 1989. p.73-75*

2-278 757
Agence Natl. du Logiciel, Groupement de Recherche: **Systèmes experts et outils pour l'intelligence artificielle 1989.** (Expert systems and tools for artificial intelligence). (Orig. fr). Vandoeuvre (Campus scientifique, Boulevard des Aiguillettes, BP 239, 54506): ANL 1989. 242p.

2-279 757
Cavanagh, J.M.A.: **Library applications of knowledge-based systems.** (Orig. en). *Ref.Libr., No.23, 1989. p.1-19, 76 refs.*
A broad range of library applications for expert systems is identified. Descriptions of developments include systems for document selection, cataloguing, classification, reference, retrieval, and instruction. (Author, abbr.)

2-280 757
Hamza, M.H.(Ed.): **Expert systems: theory and applications: IASTED Int.Conf., Geneva, IASTED Int.Conf., Geneva, June 16-18, 1987. Proceedings.** (Orig. en). Anaheim, etc.: Acta Press 1987. II, 228 p. ISBN 0-88986-118-8.

Some of the papers of the 52 presented have been included under different subject groups of this issue. Problems discussed include, e.g. conceptual modelling, production rules modelling, deductive databases, object-centered knowledge representation, AI languages, etc.

2-281 757
Travis, I.L.: **Knowledge-based systems in information work: a view of the future.** (Orig. en). *Ref.Libr., No.23, 1989. p.41-60, 20 refs.*

2-282 757
Vickery, A., Brooks, H.M., Robinson, B.A., Stephens, J., Vickery, B.C.: **Expert system for referral.** (Orig. en). London: British Library 1988. 233p. = *Libr. & Inform.Res.Rep. No.66. ISBN 0-7123-3146-8.*

Describes the development and evaluation of PLEXUS, an expert system used to aid microcomputer retrieval of referral sources. The function of the system is to give inexperienced users the kind of aid that a skilled search intermediary would provide. The system helps to formulate a search, create a search strategy, modify the search strategy as required, and present the results of the search. To carry out these tasks the system uses the techniques of artificial intelligence - knowledge representation, production rules, inference and control, a natural language interface, and some simple user modelling devices. (Authors, amended)

2-283 758-26
Ledwith, R.H.: **Development of a large, concept-oriented database for information retrieval.** (Orig. en). In: *11th Int.Conf.Res. & Dev.Inform.Retrieval, Grenoble, 13-15 June 1988. Grenoble, FR: 1988. p.651-661, 15 refs.*

The development of concept-oriented databases using AI knowledge representation schemes is proposed as a step towards improving the precision and recall of IR systems. Currently underway is the augmentation of a 238,000 citation database, Chemical Abstracts (CA) Volume 105, by addition of detailed conceptual information in the form of frames and hierarchies. The initial text data is parsed using natural language processing (NLP) techniques to create frames describing the semantics of the index entries in the database, with the slots in the frame being pointers into a very large semantic network of conceptual objects (956,000 objects). To examine the resultant knowledge base, a simple hypertext system is proposed, with the conceptual information serving as pathways to connect related citations. (Author)

2-284 758-47
Kaiser, D.: **Terminological search instruments online.** Some examples using the retrieval language GRIPS. (Orig. en). In: *Kempf, A.(Ed.), Int.Union*

Forest Res.Org., Subj.Group S 06.03: Information systems for forestry-related subjects: access, search techniques and user needs. Proceedings. Birmersdorf, CH 1988. p.185-193

In order to obtain online searches of high quality the knowledge and extensive use of terminology is essential. But even databases covering the same topics often differ strongly in the specific terminology they use. Thus the increasing number of databases available tends to make online searching more and more difficult. Using some of DIMDI's databases covering forestry some search aids of the retrieval system GRIPS are presented and explained in detail. (Author, abbr.)

2-285 758-66
Stone, A.T.: **Subject searching in law library OPACs.** (Orig. en). *Cat. & Classif. Quart. Vol.10, No.1-2, 1989. p.181-198, 5 refs.*

Law libraries that introduce online catalogs to their publics often experience the same kinds of problems and benefits as other types of libraries. Nevertheless certain issues for OPAC subject searching can be particularly challenging for law libraries. This paper addresses those issues, especially the impact on subject access of the design of 'shared' OPACs and the special problems regarding subject searches on government agency names and titles of laws. Difficulties with law-related subject headings are also discussed. Finally, keyword and call number searching are examined from the law library perspective. (Author)

2-286 758-76
Robinson, M.L.: **A survey of SIC code searchable databases on DIALOG.** (Orig. en). *Online Review. Vol.13, No.4, 1989. p.313-319, 3 refs.*

Standard Industrial Classification (SIC) codes are a type of controlled vocabulary used by business searchers when searching for corporate and industry data. Two four-digit versions of the SIC coding scheme are used on business databases available through DIALOG. Some DIALOG database producers have opted to create a variation of the codes for use in their products. With the impending eight-digit SIC coding scheme from Dun and Bradstreet, it will become increasingly difficult for the DIALOG searcher to know which version of the codes to use when searching a particular database. A survey of the use of SIC codes in business databases on DIALOG was undertaken. This paper presents the findings of this survey. (Author)

2-287 758-97
Agger, St., Jensen, H.: **The BOOK HOUSE - visual design.** (Orig. en). Roskilde, DK: Risø Natl.Lab. 1989. 45p., 69 illustr.

The report is based on the contribution to the project from the Royal Danish Art Academy's Architect School. It describes the approach used to cope with the problems of conveying through a computer-based medium the visual information necessary to support and enhance user interaction with the system.

2-288 758-92
Pejtersen, A.M.: **The automatic book machine in Hjortespring.** (Orig. da). *Bibliotek. Vol.70, No.10, 1988. p.347-350*

2-289 758-92
Goodstein, L.P., Pejtersen, A.M.: **The BOOK HOUSE: system functionality and evaluation.** (Orig. en). Roskilde, DK: Risø Natl.Lab. 1989. 215p. ISBN 87-550-1537-9.

The BOOK HOUSE (and its predecessor, the BOOK AUTOMAT) are computer systems aimed at supporting library users in finding fiction. They are examples of systems using a cognitive work analysis as the basis for design and evaluation - and build on earlier studies of the information retrieval task using actual user-librarian negotiations. These studies lead to the identification of a set of user strategies for retrieving literature as well as a multi-dimensional framework for classifying fiction. Both of these have been necessary prerequisites for the design of the BOOK HOUSE, a flexible online data base retrieval system for novice users - both children and adults. The use of icons within a spatial metaphor to facilitate direct manipulation of the displayed objects forms the basis for the interface in supporting the users' navigation in the BOOK HOUSE. The design and evaluation of the prototype systems are covered in this report.

2-290 758-92
Pejtersen, A.M.: **The BOOK HOUSE: modelling users' needs and search strategies as a basis for system design.** (Orig. en). Roskilde, DK: Risø Natl.Lab. 1989. 112p., 76 refs.

See abstract above (2-289). The cognitive work analysis which preceded the design and evaluation of the prototype systems are covered in this report.

2-291 758-992
Carr, A.R.: **Strachan, N.: Development of a system for treatment of Bible headings in an OPAC system.** (Orig. en). *Cat. & Index., No.95, 1989. p.5-6*

76 Lexicon/Dictionary Problems

See also 2-049, -111

2-300 762; 766; 793
Belyaeva, L.N.: **Designing linguistic information databases for computerised text processing systems.** (Orig. ru). Stat.rechl i avtomat.pererab.tekstov, No.7, 1988. p.8-28

2-301 763
Pollkarpov, A.A.; Bushueva, O.V.: **An experiment in constructing a contextual dictionary and analysis of its structure.** (Orig. ru). In: Teor. prakt.probl.prikl.lingv. Moskva, SU 1988. p.40-65, 48 refs.

77 General Problems of Terminology

See also 2-045, -348

2-302 77,951
Schmitt, P.A.: **Terminologische Diplomarbeiten.** Richtlinien des Fachbereichs Angewandte Sprachwissenschaft in Germersheim. (Terminological theses. Guidelines of the Department for Applied Linguistics in Germersheim - University of Mainz). (Orig. de). Lebende Sprachen. Vol.34, No.4, 1989. p.153-159, 15 refs.

Guidelines concerning theme selection, acquisition of material, outlines, formal design and information offer. They are based on experiences and knowledge gained from more than 300 terminological theses, submitted in the 40 years of existence of ADI/F.A.S (Fachbereich Allgemeine Sprachwissenschaft).

2-303 772
Sager, J.C.: **Term formation.** (Orig. en). Lebende Sprachen. Vol.34, No.4, 1989. p.159-161

Distinction between primary and secondary term formation. The former accompanies concept formation and is "monolingual", provisional, accompanied by a stipulative or otherwise temporary definition. The latter occurs when a new term is created for a known concept and happens as a result of monolingual revision of a terminology. The article extends on the characteristics of the two kinds of term formation.

2-304 772
Sorokina, N.G.: **Modelling word formation semantics in computerised information system vocabularies.** (Orig. ru). Sb. nauch. tr./Leningr. Inst. kult., No.116, 1988. p.55-59, 10 refs.

2-305 773
Neuhaus, J.-P.: **Le terminologie au sein d'une entreprise du secteur privé.** Les exigences d'engagement, ses domaines d'activité. (The terminologist in company of the private sector). (Orig. fr). Terminol.et Traduction., No.3, 1989. p.161-175

2-306 776
Irazabal, A.de, Álvarez, S., Zarco, J.: **EURODICAUTOM - the Commission of the European Communities term databank.** (Orig. es). Rev.esp.doc.cient. Vol.12, No.1, 1989. p.11-12, 4 refs.

2-307 776
Sotiriopoulos, M.Th.: **Conceptual-mathematical models as a bridge from the general theory of terminology to informatics.** (Orig. en). Terminol.et Traduction., No.3, 1989. p.135-148, 8 refs.
The article is composed of the following chapters: Definition and representation of knowledge - Knowledge processing - Semantic networks - Computerized terminography - Kinds and functions of terminological data banks - Knowledge data bases - Expert Systems.

2-308 776
Machová, S.; Minihofér, O.: **Development of a multilingual term databank.** (Orig. cs). Vyber.Inf.organ.a vypoc.techn. Vol.22, No.2, 1989. p.225-235

2-309 776-73
Aleksandrov, L.V., Bukhalkin, Yu.M., Voznesenskij, V.V.: **Establishing a knowledge bank in an engineering field.** (Orig. ru). Nauchno-tekhn.Inform., Ser.1., No.6, 1989. p.16-17, 12 refs.

2-310 778
Bles, W.: **Book review of Informationsverdichtung und Standardisierung in wissenschaftlichen Veröffentlichungen.** Wiss.Z.Karl-Marx-Univ., Leipzig, Ges.wiss.Reihe 37(1988)No.6, p.521-623. (Information

compression and standardization in scientific publications). (Orig. en). Int.Classif. Vol.17, No.1, 1990. p.42-43

78 Subject-Oriented Terminology Work

2-311 78-628
Sprachendienst d.BM f.Post u.Telekommunikation: **Terminologie der Vertragwerke der Internationalen Fernmeldeunion, Genf, de - fr - en.** (Terminology of the contracts of the International Telecommunication Union) (Orig. de, fr, en). Terminol.et Traduction, No.3, 1989. p.231-288
Glossary of the 384 most important terms (telecommunication, conferences, contracts, administration, etc.) are contained in the International Telecommunication Treaty (Nairobi 1982) of the International Telecommunication Union (a special organisation of the UNO) and in its bylaws and recommendations.

2-312 78-63
Moos, R.: **Terminologearbeit in der Schweizerischen Bundesverwaltung.** (Terminology work in the Swiss Federal Administration). (Orig. de). Terminol.et Traduction., No.3, 1989. p.149-154

2-313 78-82
Atanasiu, P.; Teodoru, V.: **Aspects of terminology in the field of information and documentation.** (Orig. ro). Biblioteca, No.4, 1989. p.17-18, 9 refs.

2-314 78-82
Brodmeier, B.: **Die Philosophie der TID sowie die Art ihrer Darstellung.** (Conception of the TID and its way of representation). (Orig. de). In: Deutsche Gesellschaft für Dokumentation: 40 Jahre DGD - Perspektive Information. Dokumentartag Aachen 1988. Frankfurt 1989. p.153-162

2-315 78-82/6
Hoefig, W.: **Die Datenbank KOMINTERM.** (The database KOMINTERM). (Orig. de). In: Deutsche Gesellschaft für Dokumentation: 40 Jahre DGD - Perspektive Information. Dokumentartag Aachen, 27.-29.9.1988. Frankfurt 1989. p.174-181

Information on the terminology databank for the area of communication and information which has been established with the software system ALLEGRO in the State Library of Prussian Culture and which is being maintained there and used for retrieval purposes. The database consists of some 20,000 datasets and includes under 'information' the conceptual areas of archives, library science, documentation, information and other concepts. Under 'communication' the concept areas are covered of publishing, printing, journalism, broadcasting and television, movies and audiovisual media as well as telecommunication. The sources for the datasets are described and the role of the Committee on Terminology and Linguistic Problems (KTS) (of the German Documentation Society) in maintaining and developing the databank is explained.

2-316 78-822
Ermer, A.: **Dokumentation und Dokumententeile und ihre Rolle in der TID.** (Types and parts of documents and their role in TID). (Orig. de). In: Deutsche Gesellschaft für Dokumentation: 40 Jahre DGD - Perspektive Information. Dokumentartag Aachen, 27.-29.9.1988. Frankfurt 1989. p.186-193
The "Standard Generalized Markup Language" (SGML) (ISO 8879) which serves the input of texts is explained and the significance of the recognition of kinds and parts of documents is stressed especially regarding 1) the publication process, 2) the bibliographic description and 3) the subject analysis and evaluation. Also explained are the different terminological structures of the fields of kinds and parts of documents in the international standard ISO 5127/2 and in the German standardization project DIN 31 631.

2-317 78-8227
Lalsleben, K.: **Audiodisuelle Dokumente.** (Audiovisual documents). (Orig. de). In: Deutsche Gesellschaft für Dokumentation: 40 Jahre DGD - Perspektive Information. Dokumentartag Aachen, 27.-29.9.1988. Frankfurt 1989. p.163-173

2-318 78-834
Barkow, G., Hesse, W., Klittaus, H.B., Luft, A. et al.: **Begriffliche Grundlagen für die frühen Phasen der Software-Entwicklung.** (Conceptual bases for the early times of software development). (Orig. de). Information Management. Vol.4, No.4, 1989. p.54-60, 15 refs.

2-319 78-962
Foskett, D.J.: **Book review of Riggs, F.W. (Ed.): Ethnicity. Intercultural Glossary. Concepts and terms used in ethnicity research.** (Available from: Indeks Verlag, Frankfurt, XXX+205p. (Orig. en). Int.Classif. Vol.17, No.1, 1990. p.43-44

79 Problems of Multilingual Systems and Translation

See also 2-300

- 2-320 791
Mell, S.: **Informationemerkat der maschinellen Übersetzung.** Linguistischer Hintergrund, Typologie, Systeme, Übersetzungshilfen, Projekte und Übersetzungsdienste. (Information market of machine translation. Linguistic background, typology, systems, translation aids, projects and translation services). (Orig. de). Terminol.et Traduction., No.3, 1989. p.63-107, 19 refs.

8 Applied Classing and Indexing (C&I)

81 General Problems of Applied C & I

See also 2-333, 2-259

- 2-321 812
Chizhkova, G.I., Chorjunova, L.V.: **On systematic catalogues.** (Orig. ru). Sov.bibliotekoved., No.3, 1989. p.53-56, 16 refs.

- 2-322 814
Junginger, F.: **Regeln für den Schlagwortkatalog: RSWK. Ergänzungen und Berichtigungen.** (Rules for the Subject Catalogue: RSWK. Extensions and corrections). (Orig. de). Bibliotheksdienst. Vol.22, No.6, 1988. p.552-563

- 2-323 814
Scharmann, U.(Comp.): **Deutsches Bibliotheksinstitut: Anwendung der Regeln für den Schlagwortkatalog (RSWK) in öffentlichen Bibliotheken.** (Applications of the Rules for the Subject Catalogue (RSWK) in public libraries). (Orig. de). Berlin, DE: DBI 1989. 110p. DBI-Materialien 83.

- 2-324 814
Malbec, C.: **Elaboration du manuel d'indexation de la banque de données ISABEL et recherche de compatibilité entre ISABEL et ARCHIRES.** (Elaboration of an indexing guidebook of the database ISABEL and search for compatibility between ISABEL and ARCHIRES). (Orig. fr). Paris: Institut National des Techniques de Documentation 1989. 49p.

- 2-325 818
Kalczyńska, M.: **The form of the subject catalogue in Lwów University Library in the inter-war years.** (Orig. pl). Bibliotekarz. Vol.55, No.4-5, 1988. p.28-31, 8 refs.

- 2-326 818
Khakhaleva, N.I.: **Terma revealing the structure of a large library collection.** (Orig. ru). Sov.bibliotekoved., No.3, 1989. p.44-49, 7 refs.

- 2-327 818-94
Franklin, J.: **ARLIS (UK & Eire) survey of 'in-house' retrospective indexes.** (Orig. en). Serials. Vol.2, No.2, 1989. p.40-41

84 C & I of Primary Literature (except 85)

See also 2-193

- 2-328 842; 487
Slutskii, A.A., Marshak, N.A., Borisova, I.N., Lukanin, V.A.: **Increasing the effectiveness of patent search based on bibliographic description.** (Orig. ru). Nauchno-tekhn.Inform., Ser.1, No.4, 1989. p.11-13, 4 refs.

- 2-329 844
Gee, R.: **Newspaper cuttings: alternative to indexing?** (Orig. en). Local Studies Librarian Vol.7, No.2, 1988. p.7-11

- 2-330 844, 977
Nelson, D.W.: **Newspaper indexing with microcomputers: the Washington State experience.** (Orig. en). Reference Services Review. Vol.17, No.4, 1989. p.91-96

- 2-331 844 NI
Okorator, E.E.: **Newspaper indexing in Nigerian libraries.** (Orig. en). Indexer. Vol.17, No.1, 1990. p.35-38, 14 refs.
Few Nigerian libraries index daily and weekly newspapers. Proposals for actions towards establishment of standards and authority lists.

- 2-332 845
Romanluk, E.: **Macintosh-based keyword access to IEEE serial publications.** (Orig. en). Infom.Technol.& Libr. Vol.7, No.4, 1988. p.411-416

- 2-333 847; 812
Larina, V.G., Khorosheva, T.V.: **Catalogue maintenance in USSR state archives.** (Orig. ru). Sov.arkh., No.3, 1989. p.80-83, 5 refs.

- 2-334 849
Tillmanns, St.: **Inhaltliche Erschließung bibliographisch unselbständiger Literatur in öffentlichen Bibliotheken der Bundesrepublik Deutschland.** Analyse der Fachliteratur und Untersuchungen in ausgewählten Bibliotheken. (Indexing of bibliographically dependent literature in public libraries of the Federal Republic of Germany. Analysis of the pertinent literature). (Orig. de). Köln: Fachhochschule Bibliotheks- u. Dokumentationswesen 1988. Diplomarbeit Öffentl. Bibliotheken.

85 (Back of the) Book Indexing

See also 2-089

- 2-335 857
Korycinski, C., Newell, A.F.: **Natural-language processing and automatic indexing.** (Orig. en). Indexer. Vol.17, No.1, 1990. p.21-28, 57 refs.
The task of producing satisfactory indexes by automatic means has been tackled on two fronts: by statistical analysis of text and by attempting content analysis of the text in much the same way as a human indexer does. Though statistical techniques have a lot to offer for free-text database systems, neither method has had much success with back-of-the-book indexing. This review examines some problems associated with the application of natural-language processing techniques to book texts. (Authors)

86 Indexing of Secondary Literature

- 2-336 864; 343
Cawwell, A.E.: **Automatic indexing in the Science and Social Science Citation Index CD-ROM.** (Orig. en). Electronic Library. Vol.7, No.6, 1989. p.345-349

- 2-337 864
Taylor, H.: **Science Citation Index print and CD - the best of both worlds from ISI.** (Orig. en). In: 11th Int.Essen Symp., 26-29 Sept. 1988 on Impact CD-ROM Libr. Oper. and Unvers. Availab. Inf. Essen, FRG 1989. p.46-61

- 2-338 864
Todorov, R.: **Representing a scientific field: a bibliometric approach.** (Orig. en). Scientometrics, Vol.15, No.5-6, 1989. p.593-605, 25 refs.

87 C & I of Non-Book Materials

- 2-339 872/6
Blake, V.L.P., Suprenant, T.: **The role of semiotics in the indexing of graphic materials.** (Orig. en). In: Proceedings. National Online Meeting, New York, NY, May 9-11, 1989. Medford, NJ: Learned Inform. 1989. p.49-56, 29 refs.

- 2-340 878
Smither, R.: **'Is Britannia a personality?': some questions arising while indexing the Imperial War Museum's collection.** (Orig. en). Indexer. Vol.17, No.1, 1990. p.7-11
Illustrates - even if it does not resolve - some of the problems in providing subject access to the extensive, international, multi-media collections of the Imperial War Museum. Chief among these is the variety of ways in which items in museum collections can be relevant to a particular line of enquiry. (Author)

88 C & I in Subject Fields

- 2-341 88-39; 758-39
Hill, L.L.: **Geographic indexing for bibliographic databases.** (Orig. en). Resource Sharing & Inf.Network. Vol.4, No.2, 1989. p.1-12, 14 refs.

- 2-342 88-51/4
Berrut, C.: **Indexing medical reports: The RIME approach.** (Orig. en). Inform.Processing & Management. Vol.26, No.1, 1990. p.93-109, 16 refs.
The paper focuses on the RIME system aimed at the indexing of medical reports in a multimedia environment. This particular application is viewed as

representative of a large set of still unanswered needs of large communities of users: Domain experts dealing with online specialized documentation such as software engineers, medical specialists and so on. In the present application case, textual information appears as an interesting medium to access related pictures in the database. After the presentation of the application and a study of the particular corpus involved a semantic model is defined for the documents which is based on a Conceptual Language. The indexing process is detailed as well as its various linguistic components which perform the translation of every medical report according to this semantic model.

(Author, amended)

2-343 88-92
Brüning, Ch.: **Schlagwörterachließung von Belletristik in Öffentlichen Bibliotheken.** Eine Untersuchung der Methoden unter besonderer Berücksichtigung der RSWK-Anwendung. (Indexing of belles-lettres in public libraries. An investigation of methods with special regard of an application of the RSWK). (Orig. de). Köln: Fachhochschule Bibliotheks- und Dokumentationswesen 1988. Diplomarbeit Öffentl. Bibliotheken.

2-344 88-94
Roberts, H.: **'Do you have any pictures of...?' subject access to works of art in visual collections and book reproductions.** (Orig. en). Art Documentation. Vol. 7, No. 3, 1988. p. 87-90, 6 refs.

9 Classification Environment

92 Persons and Institutions

2-345 924
The Margaret Mann Citation, 1989: Lols Mal Chan. (Orig. en). Libr. Resources & Techn. Serv. Vol. 33, No. 4, 1989. p. 421-423

2-346 924
Sukiasyan, E.R.: **S.R. Ranganathan's school and our times.** (Orig. ru). Bibliotekoved. i bibliog. za rubezhom, No. 122, 1989. p. 103-107, 115, 20 refs.

2-347 925.313
Beaujean, M.: **Kommission des Deutschen Bibliotheksinstitute für Sacherschließung. Tätigkeitsberichte 1987.** (Commission for Subject Indexing of the German Library Institute). (Orig. de). Bibliotheksdienst, Vol. 22, No. 4-5, 1988. p. 412-414

2-348 925.77
Port, P.: **Die Arbeitsweise des KTS und ihre Auswirkungen auf die Arbeit anderer Gremien.** Nutzung und Zitierung der TID. (The working method of KTS (Committee on Terminology and Language Problems) and its impact on the work of other working groups). (Orig. de). In: Deutsche Gesellschaft für Dokumentation: 40 Jahre DGD - Perspektiv Information. Dokumentartag Aachen, 27-29 Sept. 1988. Frankfurt 1989. p. 182-185

2-349 926; 485
Böllmann, E.: **Erales Treffen der LIBER CONSPECTUS Group in London.** (First meeting of the LIBER CONSPECTUS Group in London). (Orig. de). Mitt. Vereinig. Österr. Biblioth. Vol. 41, No. 2, 1988. p. 17-19
The first meeting was held in May 88. The group promotes the use of the CONSPECTUS classification scheme.

93 Organization of C & I on a National and International Level

2-350 934 SU
Vanskaja, G.P.; Gavrilina, N.V., Ivanova, O.A.: **Once more on centralized cataloguing.** (Orig. ru). Sov. bibliotekoved., No. 3, 1989. p. 49-53, 3 refs.
Proposal to let librarians do the centralized classification of books as the publishing houses seem to fail to do this properly. At the same time catalog cards could be generated with the notations of the BBK and the UDC.

95 Education and Training in C & I

See also 2-302

2-351 951
Fugmann, R.: **Unkenntnis - unser Schicksal.** (Lack of knowledge - our fate). (Orig. de). Mitt. bl. Ges. D. Chemiker, No. 16, 1989. p. 70-73
Pleads for the recognition of the necessity of subject knowledge for a correct functioning of procedures.

2-352 952
Kovacs, B.: **An educational challenge: Teaching cataloging and classification.** (Orig. en). Libr. Resources & Techn. Serv. Vol. 33, No. 4, 1989. p. 374-381, 33 refs.

In recent years articles have appeared in the literature on the changing role of the cataloger, and complaints have arisen about the comprehensiveness of cataloging and classification courses offered in graduate library schools. This paper discusses the challenges of offering such courses and in presenting all the necessary information in introductory cataloging and classification courses for M.L.S. students. (Author)

98 User Studies

2-353 986
Craver, K.W.: **The influence of online catalogs on academic library use by college-bound high school seniors.** (Orig. en). RQ. Vol. 28, No. 2, 1988. p. 220-231, 13 refs.

99 Standardization in C & I

See also 2-053

2-354 995
LINCE: **a proposal for standardisation of database access languages.** (Orig. pt). Cienc. Inform. Vol. 17, No. 2, 1988. p. 141-145

The Brazilian Institute of Scientific and Technological Information (IBICT) and the Nuclear Information Centre of the National Commission for Nuclear Energy are developing a language, LINCE, which will be used for input to different computers. It operates through commands and will be used mainly for handling referral and bibliographic data. (Orig. abstr., abridged)

2-355 996
Chan, L.M.: **A subject cataloging code?** (Orig. en). Cat. & Classif. Quart. Vol. 10, No. 1-2, 1989. p. 199-202, 4 refs.

Tries to answer the 4 questions: 1) What is a subject cataloging code? 2) Do we need a subject cataloging code? 3) Is it economically feasible to develop such a code at this point in time? and 4) Who will develop it?

2-356 997
Gavin, P.: **La collaboration dans l'indexation matières.** (Collaboration in subject indexing). (Orig. fr). Hors-texte, No. 23, 1987. p. 5-7
Pleads for the establishment of international standards for subject cataloging.

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