

This issue contains only a very selective list of references as compared with the usual issues. Because of missing space we included only the items of the subject groups 01/09 (Form Divisions). The rest (groups 1-9) will follow in the next issue.

## 0 FORM DIVISIONS

### 01 Bibliographies

1-001 016  
 Sucker, D. (Comp.): Informationssprachliche Sicherstellung. Grundlagen, Methoden, Entwicklungstrends, Lösungswege, Bewertungen. Auswahlbibliographie 1980 bis 1985. (Index languages documentation. Bases, methods, trends, solutions, evaluations. Selected bibliography 1980-1985) Orig.de. Berlin: Akad.d.Wiss.d.DDR, Zentr.f.Gesellschaftswiss.Inform. 1987. 83p. = Initiativ-Informationen 13(1987)No.1  
 Lists 400 references grouped systematically. Author index.

1-002 016  
 Sucker, D. (Comp.): Informationssprachliche Sicherstellung. Grundlagen, Methoden, Entwicklungstrends, Lösungswege, Bewertungen: Auswahlbibliographie .1.Ergänzungsheft (1986-1987). (Indexing languages documentation. Bases, methods, trends, solutions, evaluations: selected bibliography 1986-1987) Orig.de. Berlin: Akad.d.Wiss.d.DDR, Zentr.f.Gesellschaftswiss.Inform. 1989. 49p. = 8bibliographie Berlin (1989)No.1  
 Lists 224 references in systematic order and author index.

1-003 016.3  
Classifications and documents: Collected abstracts No.II.  
 Orig.ru. VNIi tekhn.inf., klassif. i kodir., No.II, 1989. 40p.

1-004 016.77  
Scientific and technical terminology: collected abstracts.  
 Orig.ru. VNIi tekhn.inform.,klassif.i kodir., No II, 1989. 24p.

1-005 016.77  
 Isaak, Ch.; Puchta, Ch.: Kleine Bibliographie fachsprachlicher Untersuchungen. (Little Bibliography of special language investigations) Orig.de. Fachsprache. Int.J.of LSP, Vol 12, No.3-4, 1990. p.167-191  
 This is the 13th continuation of the bibliography, presented in a formal order of 6 groups, starting with bibliographies, collected works, special languages in general, terminology, LSP education and frequency lists of LSP works.

### 02 Literature Reviews

1-006 026.32  
 Belova, L.Ya.: Formalisation of abstracting: an essential condition for input of educational documents into the disciplinary information system. Orig.ru. In: Lingv.i inf.obespech.avtomatizir, sistemy nauch.-ped.inform.. Moskva 1989. 10 refs.

1-007 026.332  
 Güdert, W.: Klassifikatorische Inhaltsschließung. Ein Übersichtsartikel, als kommentierter Literaturbericht. (Classificatory subject analysis. A review article as annotated literature survey) Orig.de. Mitteilungsblatt.Verb.Bibl.Land NRW, Vol 40, No 2, 1990. p.95-114, 99 refs.  
 The survey is grouped as follows: Foundations, classification theory, universal classification systems, subject analysis in public and scientific libraries of the FRG, history of classification systems, faceted classification and classification systems in online catalogs.

1-008 026.756  
 Biswas, S.C.: Classed thesauri in indexing and retrieval: a literature review and critical evaluation of online alphabetic Classaurus. Orig.en.  
 Libr.& Inform.Sci.Res. Vol 11, No 2, 1989. p.109-141, 86 refs.

### 03 Dictionaries, Terminologies

1-009 032  
 Rehm, M.: Lexikon Buch - Bibliothek - Neue Medien. (Lexicon for book science, library science and new media) Orig.de. München-etc.: K.G.Saur 1991. 294p., 29 refs., ISBN 3-598-10851-6

Entries in alphabetical order, describing subjects in the fields of library and information science as well as such in the field of media. No equivalents in other languages.

1-010 036  
A dictionary of standardised terms of computer technology.  
 Orig.ru. Moskva, SU: VNIKI 1989. 222p.  
 Contains some 1500 entries of standardised terms with definitions and English equivalents as well as its source, abbreviation, synonym(s) and an English-Russian alphabetical index.

### 04 Classification Systems & Thesauri

1-011 041  
 Trzcinska, J.; Stepiakowa, E.: Subject heading list of the Biblioteka Narodowa. Orig.pl.  
 Warszawa, PL: Biblioteka Narodowa 1989. 368p.

#### 042 UNIVERSAL DECIMAL CLASSIFICATION (UDC)

1-012 042.1-cs-62  
 Czechoslovak Full UDC edition. Trida 32. Politika. Orig. cs.  
 Praha: UVTEI 1990. 31p., ISBN 80-212-0113-4  
 Includes an alphabetical index.

1-013 042.1-en-382  
English Full UDC edition: UDC 620. Materials testing, Commercial materials. Power stations. Economics of energy. Linford Wood, Milton Keynes: British Standards Institution 1990. 25p., ISBN 0-580-18182-0 (available in hard copy of machine-readable form. Includes an alphabetical index. This holds also for the next two items).

1-014 042.1-en-29  
English Full UDC edition. UDC 621.3 Electrical engineering. Linford Wood, Milton Keynes, GB: British Standards Institution 1989. 96p., ISBN 0-580-17641-X

1-015 042.I-en-87  
English Full UDC edition. UDC 681.6 Graphic reproduction machines and equipment. Linford Wood, Milton Keynes, GB: British Standards Institution 1989. 24p., ISBN 0-580-17891-9

1-016 042.1-hu-65  
 Magyar Szabványügyi Hivatal: Hungarian full UDC edition. UDC36 Social welfare and relief. Orig. hu.  
 Budapest, HU: Szabványbolt 1989. 26p.

1-017 042.5  
Extensions and Corrections to the UDC - Annual issue. Orig.en.  
 The Hague, NL: Fédération Internationale d'Inform. et de Doc. 1990. Vol.14, No.1.  
 Contains substantial extensions or revisions in the following subject areas: 303 Social science methods; 304 Social questions, 316 Sociology; 346 Economic law; 544 Physical chemistry, 629.3 Land vehicle engineering; 629.5 Watercraft engineering.

1-018 042.5 pt  
 Instituto Brasileiro de Inform. em Ciencia e Tecnol.(IBICT): Portuguese Extensions and Corrections to the UDC. Orig. pt.  
 Brasília, BR: IBICT 1990. 54p.  
 Annual series, starting with the entries from Series 12, No.3.

#### 047 LIBRARY BIBLIOGRAPHICAL CLASSIFICATION (BBK/LBC)

1-019 047  
 Schulz, Hannelore (Ed.): Bibliothekarisch-Bibliographische Klassifikation: BBK/A. Adaptierte Fassung. Bd.1.1. Einführung. (Library-Bibliographical Classification: BBK/A. Adapted version. Vol.1.1: Introduction) Orig.de. Berlin: Method.Zentrum f.wiss.Bibliotheken u.Inform.u.Dok.einrichtungen 1990. 61p.  
 Survey on the most important subject fields meant for the subject catalogues of scientific general and special libraries with holdings up to a million volumes and for other purposes of subject structuring on the basis of the LBC Medium Edition.

1-020 047.6  
 Zhurzhalina, N.P. (Ed.): Bibliotечно-библиографическая классификация: tablitsy dlya kraevedcheskikh katalogov bibliotek.

(Library-Bibliographical Classification: Tables for the geographical catalogues of libraries) Drig.ru. Moskva: Izd.Knizhnaya Palata 1989. 322p.

1-021 48-47  
Schenker, R.; Zorn-Pogorelc, M., Voshmgir, D., Lionnet, M.-J. (Eds.); IUFRO Project Group P6.01-00: Forest Decimal Classification; Trilingual short version. (Title also in German and French) Orig.en,de,fr. Wien, AT: Intern.Union of Forestry Research Organizations 1990. XIV,147p., IUFRO World Series Vol.2 Updated manual, formerly the Oxford System of Decimal Classification for Forestry.

1-022 048-51/4  
National Library of Medicine: Medical subject headings: tree structures 1990. Bethesda, MD: Natl.Lib.of Medicine 1989. 691p., NTIS. PB90-100017/HCW

1-023 048-6  
Sucker, D.: Rubrikator des internationalen Systems gesellschaftswissenschaftlicher Information. (Classification system of the international system of social science information). Orig.de. Berlin: Akademie d.Wissenschaften d.DDR. Zentrum f.

1-024 048-63  
Thesaurus der Formbegriffe der Bibliotheken der obersten Bundesbehörden als Teil des Thesaurus POLIANTHES. Ausg.1, Stand. 30.6.88. (Thesaurus of form descriptors of the library network of the Federal Ministries as part of the POLIANTHES thesaurus) Bonn: Bibl.d.Dt.Bundestages 1988. 47p. (VBB-Arb.Hefte, 11)

1-025 048-63  
Personen-Thesaurus des Verbundes der Bibliotheken der obersten Bundesbehörden als Teil des Thesaurus POLIANTHES. Ausg.1, Stand: 28.8.89. (Thesaurus of persons in the network of libraries of the Federal Ministries as part of the POLIANTHES thesaurus. Ed.1, as of 28 Aug.1989) Orig.de. Bonn: Bibliothek des Dt.Bundestages 1989. 136p., VBB Arbeitshefte 9

1-026 048-6  
Thesaurus der Körperschaften, Behörden und Kongresse des Verbundes der Bibliotheken der obersten Bundesbehörden als Teil des Thesaurus POLIANTHES. Ausg.1, Stand: 27.1.89. 2 vols. (Thesaurus of corporate bodies, ministries and congresses of the library network of Federal Ministries as part of the Thesaurus POLIANTHES.) Bonn: Bibl.d.Dt.Bundestages 1989. 834p.

1-027 048-72  
Barker, Sh.: A language for management: vocabulary for the analysis and retrieval of management information. 3rd ed. London: British Institute of Management 1990. 198p. ISBN 0-85946-204--8 Updating of the vocabulary first developed in 1969.

1-028 048-93  
Harrold, A., Lea, G.: MUSAURUS: a music thesaurus. A new approach to organising music information. London, GB: Music Press 1991. 128p., ISBN 1-873260-00-8 After an elaborate introduction, explaining the specialties and new approaches a faceted scheme is presented, distinguishing: A Musicology, B Musical Instruments, C Musical Works, D Performance, E Music Profession & Education, F Music Business, G Music Documentation, W Language auxiliaries, X Geographic and Y History auxiliaries. The classified part is complemented by a "rotated index". Contains some 4000 terms with some 9000 entries in the rotated index. It is meant to help in arranging scores in music libraries, music book and journal collections, producing indexes of these and for indexing bibliographies.

1-029 048-98/99  
Franz, G., Ising, D., Riplinger, Th.: Theologische und religionswissenschaftliche Literaturinformation. Klassifikation zur Allgemeinen Religionswissenschaft und Systematischen Theologie als Arbeitsergebnis des Projektes THEODOK. (Classification system for general religion and systematic theology as a result of the project work THEODOK) Orig.de. Frankfurt/M.: IDD Verl.f.Int.Dokumentation W.Flach 1989. 319p., Beitr.u.Berichte Ges.f.Inform.u.Dok.mBH; Reihe A; Nr.10, ISBN 3-8151-0047-X The book contains an introduction into the project THEODOK for the documentation of theological and religious literature and an introduction into the classification system for this literature as well as the classification itself with examples and with an alphabetical and a systematic index, collecting subject headings in their specific groups.

## 05 Periodicals and Serials

1-030 056.18  
Annual Review of OCLC Research, July 1989-June 1990. Dublin, OH: Online Computer Library Center 1990. 76 p. Contains the summaries of the following relevant research reports (out of 33) accomplished during the period indicated: 1-031 Vizine-Goetz, D.: Cataloging productivity tools. - 1-032 Crook, M.: Converting machine-readable Dewey Decimal files. - 1-033 Lindeman, M.J.: DIADEM. Design of interfaces and data-

bases for electronic media. - 1-034 Dillon, M.: Enhanced bibliographic records. - 1-035 Prabha, Ch.G.: Managing large retrievals. - 1-036 Dillon, M.: Table of contents databases. - 1-037 Fox, E.A.: Associate retrieval methods for online catalogs. - 1-038 Liddy, E.D.: Back-of-the-book index study. 1-039 Drabenstott, K.M.; Vizine-Goetz, D.: Improving subject searching in online catalogs. - 1-040 Duncan, E.E.: Using the DDC in online catalogs. - 1-041 Lancaster, F.W.: Identifying barriers to effective subject access in library catalogs. - 1-042 Soergel, D.: Investigating the structure of LCC and LCSH. - 1-043 Smith, Linda C.: Toward integration of online resources.

1-044 056.77  
TermNet News. Journal of the International Network for Terminology. No.28, 1990. Wien, AT: Infoterm 1990. This number contains several surveys, e.g. one on Terminological activities of European organizations with contributions from: 1-046 Byrne-Sutton, G.: Terminology at CERN. - 1-047 Quicheron, J.-B.: A la recherche de la terminologie adéquate au sein du Service Commun Interprétation-conférence de la Commission des Communautés Européennes. - 1-048 Cuby, L.: Le service de Terminologie du Conseil des Communautés Européennes. - 1-049 Comité européen des constructeurs de machines à bois. - 1-050 Minnaert, R.: Le bureau de Terminologie du Parlement européen. - 1-051 Interim report on a survey on terminology in France. - 1-052 Humbley, J.: Activités terminologiques en France. - 1-053 Goulet, P.: Activités du Réseau International de Néologie et de Terminologie (RINT). - 1-054 Boroni de Sanchez-Végas, M.: Le Réseau Ibero-Américain de Terminologie (RIT). - There are also 5 descriptions of organizations/institutions which are marginally involved in terminology work in Europe and there is a survey on terminological activities, TermNet members and terminological data banks and their software developments. - Several news sections follow, among them also Infoterm News, which had been included in earlier issues also in International Classification.

## 06 Conference Reports, Proceedings

1-055 06.88-10-6/8; 123  
Lex, W. (Ed.): Arbeitstagung Begriffsanalyse und Künstliche Intelligenz. (Workshop on concept analysis and artificial intelligence) Orig.de. Clausthal-Zellerfeld: TU Clausthal. Inst.f. Informatik 1991. 186p. The workshop was organized in the frame of the SIG on Concept Analysis of the German Society for Classification, which is chaired by Rudolf WILLE and Wilfried LEX being vice-chairman. All papers in German, except for 3 being included in English. 1-056 Budin, G.: Terminologische Wissenstheorie und Wissenstechnik. - 1-057 Burmeister, P.: Merkmalsimplikationen bei unvollständigem Wissen. - 1-058 Czap, H.: Terminologische Datenbanksysteme: Notwendigkeit, Aufgaben, konzeptuelle Realisierung. - 1-059 Kerber, A.: Zum Einsatz künstlicher Intelligenz in Mathematik und Naturwissenschaften: Die vorurteilsfreie Erzeugung großer Beispielsätze mit Hilfe endlicher Gruppenoperationen. - 1-060 Kurth, W.: Beispiele zur Begriffsanalyse. 1-061 Lenzen, W.: Die Algebra der Begriffe (nach G.W.Leibniz). 1-062 Schäfer, J.: Zur Metaphorik des Verstehens. - 1-063 Söding, M.: Formale Begriffsanalyse und das relationale Datenbankmodell. - 1-064 Spangenberg, N.; Wolff, K.E.: Comparison between Principal Component Analysis and Formal Concept Analysis of Repertory-Grids. 1-065 Steckner, C.: Empirische Objektklassifikation, Begriffsanalyse und Design. - 1-066 Wild, M.: Implicationale bases for finite closure systems. - 1-067 Wille, R.: Knowledge acquisition by methods of formal concept analysis. The volume lists also the 45 participants of the meeting.

1-068 06.88-11-7/11  
Zu informationssprachlichen Fragen. Wissenschaftliche Veranstaltung des ZGI, Bad Stuer, 7.-11.Nov.1988. (On information science problems. Scientific meeting of the Center for Social Science Information, Bad Stuer, Nov.7-11, 1988) Orig.de. Berlin: Akad.Wiss.d.DDR.Zentrum f.gesellschaftswiss.Inform. 1989. 280p., Inform.in den Gesellschaftswissenschaften 19 The papers of experts from the former German Democratic Republic as well as from Russian colleagues have been released to us recently. Translations into English are added. 1-069 Heinze, C.: Zu einigen Fragen der Entwicklung, Anwendung und Pflege informationssprachlicher Mittel für effektives Indexieren, Speichern und Recherchieren von Informationen für die gesellschaftswissenschaftliche Forschung in der DDR. (On some problems of development, application and updating of information language means for a more effective indexing, storage and retrieval of information for social science research in the FRG). - 1-070 Schulz, Hannelore: Die zentrale Adaption der BBK in der DDR und ihre Anwender. (The centralized adaptation of the LBC in the FRG and its users). - 1-071 Neumann, Ch.: Funktion und Aufbau einer Klassifikation in einem rechnergestützten gesellschaftswissenschaftlichen Informationssystem (am Beispiel der philosophischen Information). (Function and construction of a classification system in a computer-supported social-science information system (exemplified by philosophical information)). - 1-072 Kreidin, H.: Erste Ergebnisse von Untersuchungen zu den Möglichkeiten einer einheitlichen Systematisie-

Int. Classif. 18(1991)No.1  
Classification Literature

rung von Bibliotheksbeständen im Forschungsbereich Gesellschaftswissenschaften der AdW der DDR. (First results of studies concerning the possibilities of a uniform systemization of library holdings in the research area of the social sciences, GDR-Academy of Sciences) - 1-073 Hackel, R.: Erfahrungen bei der Oberarbeitung des Thesaurus Ökonomie. (Experiences in updating the economics thesaurus). - 1-074 Schinkel, H.-G.: Zu ausgewählten Aspekten der Erarbeitung eines kategorienorientierten Thesaurus auf dem Gebiet des Hoch- und Fachschulwesens. (On selected aspects in constructing a category-oriented thesaurus in the field of education on a university and polytechnics level). - 1-075 Mdivani, R.: Zu den informationssprachlichen Mitteln für das Indexieren und die Recherche von Dokumentennachweisen in der ZADB des ISGI und über die bis 1990 vorgesehene Entwicklung der informationssprachlichen Mittel des ISGI. (Concerning the information language support for indexing and retrieval of documents and on their development in the International System of Social Science Information until 1990). - 1-076 Sucker, D.: Aufbau und Funktionsweise der Informationssprachenbank des ISGI und erste Erfahrungen ihrer Nutzung in der DDR (Construction and function of the information language databank of the ISGI and first experiences of their utilization in the GDR). - 1-077 Bazarnova, S.: Aufstellung eines Deskriptorendokumentenprofils im Automatisierten Informationssystem des Internationalen Systems für gesellschaftswissenschaftlich Information. (Establishment of a descriptor-document-profile in the computerized information system of the International System for Social Science Information). - 1-078 Mildner, H.: Zur Effektivierung der sprachlichen Versorgung von Informationssystemen unter den Bedingungen des Einsatzes moderner Kommunikationstechnologien. (On the improvement of linguistic support of information systems under the application conditions of modern communication technologies). - 1-079 Jüttner, I.: Zur Verwendung der natürlichen Sprache in Informationssystemen (On the utilization of natural language in information systems). - 1-080 Fricke, H.: Stand und Entwicklung der Vereinheitlichung und Standardisierung informationssprachlicher Mittel. (Status and development of unification and standardization of information language support).

1-081 06.89-03-13/17  
International Conference on Terminology Standardization and Unification. Orig.en. Int.Inform.Commun.& Educ. Vol 8, No 2, 1989, p.222-223  
 Report on the conference held at Tunisia, March 13-17, 1989.

1-082 06.89-04-17/20  
 Buchhart, H.: Automatisierte Sacherschließung - Status und Trends. Seminar in Schloss Hofen, Lochau bei Bregenz, 17.bis 20.April 1989. (Automated subject cataloguing - status and trends) Orig.de. Biblos Vol 38, No 3, 1989, p.203-205

1-083 06.89-05-19/20  
Freelancers on indexing: a transcription of the Freelance Indexer's Panel, 21st Annual Convention of the American Society of Indexers, San Francisco, May 19 & 20, 1989. Port Aransas, TX 78373, USA: ASI Publ.Sales Office (P.O.Box 386) 1989. ISBN 0-936547-09-X

1-084 06.89-08-20/25  
 Sridharan, N.S.: IJCAI-89: Proceedings of the Eleventh International Joint Conference on Artificial Intelligence, Detroit, MI Aug.20-25, 1989. 2 Vols. San Mateo, CA: Morgan Kaufmann Publ. 1989. 1682p.

1-085 06.89-10  
 Sorokin, Yu.A.: Problems of phonosemantics: Synopses of communications at a meeting held in Penza, Oct.1989. Orig.ru. Moskva, SU: AN SSSR. Inst.yazykozn., Penz.gos.ped.inst. 1989. 133p.

1-086 06.89-11-6/10  
 Syrè, L.: Oberwolfach 1989. Fortbildungskurs "Sacherschließung im Verbund". (Further education course: Subject analysis in the library network). (Orig.de) Bibliotheksdienst 24(1990)No.2 p.210-211

The report ends with the announcement of a proceedings volume which will include all papers and the results of the workshops to be available from the Badische Landesbibliothek, Karlsruhe.

1-087 06.90-05-14  
 Spoulding, A.; Thomas, A.R.: Book indexing: principles and techniques. 14 May 1990. Manhattan, New York City. Indexer Vol 17, No.2, p.118

Report on a conference of the American Society of Indexers which assembled 58 participants and was held in four parts: Principles of indexing, cross reference structure, format of indexes and techniques of indexing.

1-088 06.90-08-14/17  
 Fugmann, R. (Ed.): Tools for Knowledge Organization and the Human Interface. Vol.2. Proc.1st Int.ISKO Conference, Darmstadt 14-17 Aug.1990. Orig.en. Frankfurt: Indeks Verlag 1991. 280p., Advances in Knowledge Organization, Vol.2, ISBN 3-88672-021-7. Volume 2 contains the following papers as well as a list of participants, a name and a subject index:

1-089 Hildreth, Ch.R.: End users and structured searching of online catalogues: recent research findings. - 1-090 Fujikawa, M.: Concept theory and facet analysis of knowledge units, with emphasis on AI research. - 1-091 Gilchrist, A.: Knowledge organization and the human interface. - 1-092 Sechser, O.: Classification issues in databases from machine-readable text data. 1-093 Bauer, G.: Promoting creative processes by a thesaurus-like representation of knowledge structures. - 1-094 Galinski, Ch.; Budin, G.: Knowledge representation in subject fields. - 1-095 Ten Pas, E.: On the role of the terminologist in the definition of terms. - 1-096 Grolier, E.de: Some notes on the question of a so-called "Unified Classification". - 1-097 Riesthuis, G.; Bliedung, S.: Thesaurification of the UDC. - 1-098 Budin, G.: Terminological problems in the organization and presentation of biological knowledge. - 1-099 Raju, A.A.N.: Indology - Problems in its classification and organization in libraries, with special reference to the UDC (IME, 1965) and the CC (7th ed., 1987). - 1-100 Stern, A.; Rischette, N.: On the construction of a super thesaurus based on existing thesauri. - 1-101 Rees-Potter, L.: Dynamic thesauri: the cognitive function. 1-102 Gödert, W.: The design of subject access elements in online catalogues: some problems. 1-103 Iyer, H.: Online searching: Use of classificatory structures. - 1-104 Dykstra, M.: "Handling the stuff itself": Toward automated textual analysis. 1-105 Pejtersen, A.M.: Icons for representation of domain knowledge in interfaces. - 1-106 Czap, H.: Representation of inter-related economic concepts and facts. - 1-107 Hug, H.; Walser, M.: Retrieval in the ETH database using the UDC. - 1-108 Williamson, N.: The Library of Congress Classification: Preparation for an online system. - 1-109 Gopinath, M.A.: Information processing language and development of a knowledge based system. - 1-110 Oechtering, V.: On the problem of transparency of individual computer technologies in subject-oriented online retrieval. - 1-111 Rockmore, M.: Facet analysis and thesauri for corporate information retrieval. - 1-112 Poulsen, C.: An indexing concept supporting subject access for innovation and creativity. - 1-113 Grolier, E.de: Conference Summary.

1-114 06.90-08-14/17  
 Satija, M.P.: Tools for Knowledge Organization and the Human Interface. Report of First ISKO Conference. Int.Classif. Vol 17, No 3-4, 1990. p.169-171

1-115 06.90-08-14/17  
 Dahlberg, I.: Workshop reports at ISKO Conference 1990. Int.Classif. Vol 17, No 3-4, 1990. p.171-176

1-116 06.90-10-17/19  
 Herget, J.; Kühlen, R. (Eds.): Pragmatische Aspekte beim Entwurf und Betrieb von Informationssystemen. Proceedings des 1. Internationalen Symposiums für Informationswissenschaft. (Pragmatic aspects in designing and managing information systems) Orig.de, Konstanz: Universitätsverlag 1990. 573p., Konstanzer Schriften zur Informationswissenschaft, Bd.1, ISBN 3-87940-384-8  
 The volume comprises 46 papers of the symposium which took place at Constance, Oct.17-19, 1990. The papers are arranged under 16 headings from theoretical foundations to pragmatic aspects of intelligent IR systems, and delineation of knowledge and information management problems. To give an impression of these topics the papers are listed in the sequence of the volume. Except for 3 all are in German.

1-117 Kühlen, R.: Zum Stand pragmatischer Forschung in der Informationswissenschaft. - 1-118 Neuhold, E.: Pragmatische Aspekte der Informationsverarbeitung aus der Sicht der Informatik. - 1-119 Wettler, M.: Informationsverarbeitung beim Information Retrieval aus der Sicht der Psychologie. 1-120 Reimer, U.: Automatische Wissensakquisition aus Texten: Lernen terminologischer Wissens. - 1-121 Sonnenberger, G.: Automatische Wissensakquisition aus Texten: Textparsing. 1-122 Hammerwöhner, R.: Kohärenzrelationen in Hypertexten. - 1-123 Rittberger, M.: Verfahren des traditionellen Information Retrieval in Hypertexten. 1-124 Dambon, P.; Yetim, F.: Integration of hypertext into a decision support system. - 1-125 Thost, M.: Welchen Beitrag leisten prozedurale Bürobeschreibungssprachen zur Darstellung der informationellen Absicherung in schwachstrukturierten Verwaltungsvorgängen? - 1-126 Glasen, F.: WIREMAN: Ein wissensbasiertes System zur Erarbeitung von Information aus Datenbanken für die Kreditwürdigkeitsprüfung von Unternehmensgründungen. - 1-127 Herget, J.: Externalisierung der Informationsmanagement-Funktion in mittelständischen Unternehmen. Ergebnisse einer explorativen Studie zur Nutzung von Informationsprodukten aus Online-Datenbanken. - 1-128 Florian, D.: Von Aufgabenkomplexität zu Artificial Intelligence bei Information Retrieval. - 1-129 Thiel, U.: Konversationales graphisches Retrieval in Textwissensbasen. - 1-130 Belkin, N.J.: On the structure of interaction in intelligent information retrieval. - 1-131 Kritzenberger, H.: Zur Simulation informationsabfragender Mensch-Maschine-Dialoge in natürlicher Sprache im Projekt DICOS. - 1-132 Reiter, M.: SAFIR - ein intelligentes Frontendsystem für die Informationssuche vom persönlichen Arbeitsplatz aus. - 1-133 Salton, G.: Future prospects for text-based information retrieval. - 1-134 Panyr, J.: Information-Retrieval-Methoden in regelbasierten Expertensystemen. - 1-135 Jarosch, H.; Müller, H.-D.: Erhöhung des Niveaus der Nutzerkommunikation mit einem Informationssystem durch Anwendung von Methoden der

Künstlichen Intelligenz. 1-136 Hahn, U.: Gruppen-Informationssysteme. 1-137 Augsburg, W., Rieder, H., Schwab, J.: Endbenutzerorientierte Informationsgewinnung aus numerischen Daten am Beispiel von Unternehmenskennzahlen. 1-138 Englmeier, K.: WIDAB - Konzept und Pilotrealisierung eines distribuierten Informationssystems. - 1-139 McMorro, N.: Pragmatic aspects of multimedia systems. - 1-140 Fuhr, N.: Repräsentation und Anfragefunktionalität in multimedialen Informationssystemen. - 1-141 Inzelsperger, G., Simon, L.: Handlungsorientierte Hypertextdokumente für die ärztliche Praxis. - 1-142 Streitz, N.A.: Werkzeuge zum pragmatischen Design von Hypertext. 1-143 Simon, L.: Wissensbasierte Erstellung und Benutzung handlungsorientierter Anweisungstexte. - 1-144 Prätor, K.: Integration von Hypertext und Expertensystemen. - 1-145 Krause, J.; Bauer, G., Lutz, J., Roppel, St., Wolff, Ch.: WING - The research prototype of a multi-modal materials information system, comprising natural language, graphical/direct manipulation and knowledge-based components. - 1-146 Sittler, St.; Stein, A.: Dialoge zur Informationsgewinnung. Ein Modell ihrer Pragmatik. - 1-147 Gasch, U.: Intelligente Komponenten eines Beratungssystems zu elektronischen Bauelementen. - 1-148 Hennings, R.-D.: Wissens-/Problemkreisläufe und Phasen der Akquisition bei der Entwicklung von Informationssystemen. - 1-149 Wallmannsberger, J.: Pragmatische Perspektiven auf die soziale Konstruktion von Bedeutung: Hypertext als Modell und Paradigma. - 1-150 Teufel, B.: Informationsspuren - Perspektive für Textvergleich und Visualisierung. - 1-151 Tekles, H.: Die Verdichtung von Information - eine Gratwanderung zwischen funktionaler Reduktion und möglichen Informationsverlusten. - 1-152 Killenberg, H.; Knauer, R.: Ermittlung, Darstellung und Verarbeitung von Wissen am Beispiel der technischen Diagnose. - 1-153 Winand, U.: Generic knowledge bases for the management of knowledge resources. A business management view. - 1-154 Lehner, F.: Die Erfolgsfaktoren-Analyse als Instrument des Informationsmanagements - Erfahrungen bei der praktischen Anwendung. - 1-155 Weiss, Ch.: Grundregeln zum erfolgreichen Aufbau integrierter Informationssysteme am Beispiel des Umweltinformationssystems. 1-156 Ortnet, E.: Entwicklung des datenorientierten Ansatzes zum Informationsmanagement in den Unternehmen. - 1-157 Möhrle, M.G.: Informationssysteme für die betriebliche Forschung und Entwicklung: Architektur, Informationsquellen und Informationsstruktur. - 1-158 Michelson, M.: Entwicklung der Informationsvermittlung in der Kreditwirtschaft. - 1-159 Schmidt, Ralph; Berater - Bearbeiter - Broker: Beiträge zur Systematisierung der Informationsdienstleistung. - 1-160 Peters, J.-P.: Theorie und Praxis-Schock: Zum Ist-Stand der Datenbanken und des Retrieval. - 1-161 Ahrend, W.-M.: Die Nutzung von externen Informationsdatenbanken durch kleine und mittlere Unternehmen: Ergebnisse einer empirischen Untersuchung. - 1-162 Henrichs, N.: Wissensmanagement auf Pergament und Schweinsleder: Die ars magna des Raimundus Lullus.

1-163 06.90-11-4  
First ASIS/SIG/CR Classification Research Workshop.  
Int.Classif. Vol 17, No 3-4, 1990. p.179  
Lists the papers according to the program of the workshop in Toronto, Nov.4, 1990.

1-164 06.90-11-27/30  
Rizk, A., Streitz, N., André, J. (Eds.): Hypertext: Concepts, systems and applications. Proceedings of the European Conference on Hypertext, INRIA, France, Nov.1990. Orig.en. Cambridge, MA etc.: Cambridge Univ. Press 1990. 373p., ISBN 0-521-40517-3

1-165 06.90-12-3/4  
Linguaggi Documentari e Basi Dati. Documentary Languages and Databases. Orig.en. Int.Classif. Vol 17, No 3-4, 1990. p.165  
Program of the conference at Rome, Dec.3-4, 1990 organized by the CNR Institute for Scientific Research and Documentation.

## 07 Textbooks:

1-166 07.1  
Kumar, Krishan: Theory of Classification. 4th ed., reprint 1991 New Delhi: VIKAS Publ.House 1991. 560p., Subject Index.  
After introductory chapters on need and purpose of classification as well as basic concepts and terminology, the major classification schemes are treated and the specialties of the Colon Classification are presented in great detail (p.89-367). Further chapters deal with problems of general versus special classification, history of library classification, comparison of major schemes, normative principles, revision, evolution of notational techniques, guidance to a classifier, knowledge vs library classification, computer and classification, design of a scheme for library classification, uses of classification. Finally, classification research groups, societies and organizations as well as developments and trends are described.

1-167 07.23; -3  
Cleveland, D.B.; Cleveland, A.D.: Introduction to indexing and abstracting. 2nd ed. Englewood, CO: Libraries Unlimited 1990. 329p., ISBN 0-82787-677-2  
Discussion of the nature of indexing and types of indexes as well as the relationship of thesaurus construction and abstracting with indexing.

1-168 07.B12  
Sukiasyan, E.R.: Classified catalog: Practical tool. Orig.ru. Moskva, SU: Book Chamber Publ.House 1990. 180p., 75refs.  
Discusses general principles and current status of the classified catalogue, as well as its place in the system of catalogues. Classification systems as used in USSR are presented. Requirement and rules for classifying are given. The maintenance of the classified catalog and the alphabetical subject index are described and problems of quality and effectiveness of the classified catalogs are discussed. The professional characteristics, the training of classifiers, and the classified catalogue and the readers are treated as well. Subject index.

## 08 Other Monographs

1-169 08.15  
Rastorguev, V.N. (Ed.): Forms and methods of social cognition: collected papers. Orig.ru. In: Sb.nauch.tr. Kalinin, SU: Kalin.Gos.Universitet 1989. 158p.

1-170 08.26  
Bernhardt, R.; Bernhardt, W.: Nummerungssysteme. Grundbegriffe und Einführung, Systemvergleiche, praktische Anwendung, speziell bei EDV-Systemen. 2.neubearb.Aufl. (Numbering systems. Basic concepts and introduction, systems comparisons, practical application, esp.in computer systems) Orig.de. Ehningen, FRG: Expert Verlag 1990. 200p., 34 refs., ISBN 3-8169-0605-2

1-171 08.3  
Mudd, I.: Current practices in library cataloging and classification. Orig.en. Juneau, AK: Alaska State Dept.of Education 1989. 149p., ERIC. ED 315 094

1-172 08.3  
Pollitt, A.S.: Information storage and retrieval systems: Origin, development and applications. Orig. en. Chichester, U.K.: Ellis Horwood 1989. 175p.  
Discusses among various topics also the role of classification systems such as the DOC, UDC & CC and subject headings in information retrieval processes. Chapt.2 is devoted to classifying and indexing.

1-173 08.332  
Lindtner, I.: Vor- und Nachteile beim Indexieren mit Informationsrecherchesprachen vom Klassifikationstyp im Hinblick auf ihre Anwendung in der Information und Dokumentation in der DDR (Dissertation). (Advantages and disadvantages in indexing with information retrieval languages as classification systems with especially regarding their application in information and documentation of the GDR). Orig.de. Berlin: Humboldt-Universität. Gesellschaftswiss.Fakultät 1988. 159p.

1-174 08.752  
Holley, R.P.(Ed.): Subject control in online catalogs. Binghamton, NY: Haworth Press 1989. 251p., ISBN 0-86656-793-3  
The collective volume has also been published as vol.10, No.2 of Cataloging and Classification Quarterly.

1-175 Holley, R.P.: Subject access in the online catalog. 1-176 Klugman, S.: Failures in subject retrieval. 1-177 Carlyle, A.: Matching LCSH and user vocabulary in the library catalog. - 1-178 Murdock, P.R.: Cataloging catalysis: Toward a new chemistry of conscience, communication and conduct in the online catalog. - 1-179 Dykstra, M.: PRECIS in the online catalog. 1-180 Williamson, N.J.: The role of classification in online systems. 1-181 Broadbent, E.: The online catalog: Dictionary, classified, or both? - 1-182 Olsen, R.J.; Christensen, J.O., Larsen, K.A., Willey, K.: Implementing NOTIS Keyword/Boolean searching: a case study. - 1-183 Rolland-Thomas, P.; Mercure, G.: Subject access in a bilingual online catalog. - 1-184 Frost, C.O.: Title words as entry vocabulary to LCSH: correlation between assigned LCSH terms and derived terms from titles in bibliographic records with implications for subject access in online catalogs. - 1-185 Stone, A.T.: Subject searching in law library OPACs. - 1-186 Chan, L.M.: A subject cataloging code? - 1-187 McCarthy, C.: A reference librarian's view of the online subject catalog. 1-188 Jouguet, S.: Subject access in online catalogs: developments in France. - 1-189 Dale, D.C.: Subject access in online catalogs: An overview bibliography.

1-190 08.751  
Cochrane, P.A.: Book review of Holley, R.P.(Ed.): Subject control in online catalogs. New York: Haworth Press 1989. 251p. Inform.Process.& Management Vol 26, No 6, 1990. p.805-806

1-191 08.752  
Reiner, U.: Semantik von Anfragesprachen für Dokumenten-, Fakten- und Erklärungs-suchsysteme (Dissertation). (Semantics of query languages for document, data and explanation retrieval systems) Orig.de.  
Berlin: Techn.Universität. FB Informatik 1988. 172p.

1-192 08.799  
Gopsill, F.P.: International languages, a matter for Interlingua. Orig.en. Sheffield, GB: British Interlingua Society 1990. 282p., ISBN 0-9511695-6-4