

The outline for this service has been dropped here for reasons of space. You will find it in issue KO 94-1, p. 49

0 Form Divisions.

01 Bibliographies.

0296 014
 Satija, M.P.: Singh, A.: **Bibliography of Colon Classification 1930-1993.** (Orig. en). New Delhi: M.D.Publ.PVT 1994, 129p. ISBN: 81-85880-29-8
 1371 titles in chronological order, beginning 1930 (1 title) and ending 1993 (32 titles) on the Colon Classification. Author index and extensive subject index.

0297 016, 356
 Franklin, C.: Bessmer, L.: **A bibliography hypertext continues ... Hypercard stacks and tutorials.** (Orig. en). In: Database, No. April 1990, p.38-45

02 Literature Reviews.

0299 026.3
 Zerbst, H.: Kaptein, O.: **Gegenwärtiger Stand und Entwicklungstendenzen der Sacherschliessung.** The present state and development tendencies of subject cataloguing. (Orig. de). In: Bibliotheksdienst Vol.27, No.10 1993, p.1526-39, refs. Indicates the changes in subject cataloguing having taken place in German academic and public libraries in 1993 due to new developments in the application of computers and university restructuring in the new federal states.

04 Classification Systems and Thesauri.

0301 042.8
 Dilger, M. (Ed.): Küppers, R.: **Dezimalklassifikation: Aachener Ausgabe (im Aufbau).** 1. Systematische Übersicht der Registerbegriffe. 2. Alphabetisches Register. Universal Decimal Classification. Aachen Edition (under construction). (Orig. de). Aachen: Hochschulbibl. 1993, 254+463p.
 Result of a revision work started in 1990. Contains 12902 entries to main subject headings and 10527 references.

0302 043.1.213
Electronic Dewey. (Orig. en). Dublin, OH: OCLC Forest Pr. 1993
 The CD-ROM version of the 20th DDC edition, featuring advanced online search and windowing techniques, full-text indexing, personal notepad, LC subject headings linked to DDC numbers and a database of all DDC changes.

0303 048.1
 Verb. d. Bibliotheken d. Landes NRW, A.f. Systematik: **Allgemeine Systematik für öffentliche Bibliotheken, ASB, 3. überarb. Aufl. 1981..** unveränderter Nachdruck. General Classification System for Public Libraries, ASB. (Orig. de). Bad Honnef: Bock & Herchen 1993, 192p.
 The system comprises 22 main classes and numerous subclasses and a keyword index.

0304 048-527
MEDITEC-Thesaurus ...: Medizintechnik. Verzeichnis von inhaltskennzeichnenden Begriffen zum Verschlüsseln und Wiederauffinden d. med.-techn. Fachliteratur.... List of subject terms for the coding and retrieval of medical literature in the database MEDI, medical technology. (Orig. de). Frankfurt/Main: FIZ Technik 1992

0305 048-67
 Idolski, I. (Ed.): **Thesaurus Raumplanung/Stadtplanung, 2. verb. u. erg. Auflage.** 3 vols.. Thesaurus for area planning/

urbanism. (Orig. de). Bonn, DE: BFA Landeskunde 1993, 702p. Mat.zur Raumentwicklung

0306 048-71/2
 DIHT, Arbeitskreis Kammerbibliotheken: **Systematik für IHK-Bibliotheken.** Classification system for libraries in Chambers of Commerce. (Orig. de). Bonn, DE: DI. Industrie u. Handelstag 1992, VIII, 146p.
 Revision of the system established 1985 with a keyword index, available also as an Allegro-C database and as a WORD (5.0) file.

0307 048-765
TOGA-Thesaurus. Textiltechnik, Bekleidungstechnik, Textiltechnikmaschinenbau. Verz.v. inhaltskennzeichnenden Begriffen z. Verschlüsseln u. Wiederauffinden der Fachlit.z. Datenbasis u. Datenbank TOGA. TOGA-Thesaur: technology of textiles, clothings, and machinery. (Orig. de). Frankfurt/Main: FIZ Technik 1992

0308 048-847
 Jones, K. (Ed.): Moulds, M.: **FIAF classification scheme for literature on film and television.** 2nd rev. and enl. ed. (Orig. en). London, GB: FIAF, Int. Fed. of Film Archives 1992, VIII, 115p.
 The scheme is a decimal one with a subject index.

0309 048-944
 Groupe Images, GAHOM: **Thésaurus des Images médiévales pour la constitution de bases de données iconographiques.** Thesaurus for medieval pictures for the establishment of a database of iconographic data. (Orig. fr). Paris: Ecole d. Hautes Etudes, Sci. Soc 1993, 182p.

0310 048-6
 Schott, H.: **Schlagwortliste für die Sozialwissenschaften. Systematischer Teil, Alphabetischer Teil.** Descriptor list for the social sciences. Systematic part. Alphabetical part. (Orig. de). Bonn, DE: IZ Sozialwissenschaften 1993, 344+306p.
 The scheme comprises the following classes: Foundations of the social sciences; Society; Social behavior, foundations and forms; Interdisciplinary application fields of the social sciences; Problem fields, treated predominantly by special social sciences; Particular lists of general concepts, countries, regions, professions, educational professions, persons, organizations and institutions. Each of these groups has a number of subdivisions. The systematic part is arranged accordingly with lists of terms in alphabetical orders under these groupings.

0311 048-82
 Milstead, J.: **ASIS Thesaurus of Information Science and Librarianship.** (Orig. en). Medford, NJ: Learned Information, Inc. 1994, 150p. ISBN: 0-938734-80-6
 Contains 1316 preferred terms and 691 use references. Listings in alphabetical order, hierarchical form according to 37 facets and a KWIC listing.

06 Conference Reports, Proceedings.

0311a 048-82
 Beauchemin, D.: **Thesaurus of information sciences and technologies.** (Title also in French). (Orig. en, fr). Laval, Qué.: Can. Workplace Autom. Centre 1992, 149+164p. ISBN: 0-660-57098-X
 Alphabetical and hierarchical list of terms and proper nouns identifying products, services and organizations, altogether 3,437 descriptors, each with its translated term and its relationships. The vocabulary is to be used in the following spheres: Information architecture, Technological innovation and new forms of work organization, Performance support systems, Multimedia systems, Arts, media and society.

0312

06.91-10-27/31

Kwasnik, B.H.: Fidel, R. (Eds.): **Advances In Classification Research, Vol.2**. Proceedings of the 2nd ASIS SIG/CR Classification Research Workshop held at the 54th ASIS Annual Meeting, Washington, DC, Oct.27-31, 1991. (Orig. en). Medford, NJ: Learned Information, Inc. 1992, XI,227p. ASIS Monograph Series ISBN: 0-938734-67-9

14 papers presented and personal statements of participants. There is also a subject index to the table of contents preceding the pages with the following papers:

0313 Anderson, J.D.: Rowley, F.A.: Building end-user thesauri from full text. - 0314 Anwar, T.M.: Beck, H.B., Navathe, S.B.: Conceptual clustering in database systems. - 0315 Borbely, A.F.: The semantic classification in the temporal theory of psychoanalysis. - 0316 Chule, C.G.: The classification of medical events using latent semantic analysis. - 0317 Humphrey, S.M.: Use and management of classification systems for knowledge-based indexing. - 0318 Jacob, E. K.: Classification and categorization: drawing the line. - 0319 McCaffrey, A.: Applied cladistics: New methodologies for information classification research. - 0320 Myaeng, S. H.: McHale, M. L.: Toward a relation hierarchy for information retrieval. - 0321 Oddy, E.C.: Data structure for an archival system: A proposal. - 0322 Rockmore, M.: Terminology maintenance for corporate information retrieval. - 0323 Smith, P. J.: Denning, B.: Interface issues in providing access to databases using semantic classification techniques. - 0324 Soergel, D.: Beyond facets: Semantic roots and modifiers as elements of a conceptual morphology. - 0325 Solomon, P.: User-based methods for classification development. - 0326 Tessier, J. A.: Hypertext linking as a model of expert indexing.

0327

06.92-04-1/3

Opitz, O.: Lausen, B., Klar, R. (Eds.): **Information and Classification. Concepts, Methods, and Applications**. Proc.16th Annual Conference of the Gesellschaft für Klassifikation, e.V., University of Dortmund, April 1-3, 1992. (Orig. en). Berlin, etc.: Springer Verl. 1993, 517p. ISBN: 3-540-56736-4

The volume contains 52 papers selected from the contributions and arranged in 3 parts: Data analysis and classification; Information retrieval, knowledge processing and software; Applications and special topics.

0328 De Soete, G.: Hierarchical clustering of sampled functions. - 0329 Krauth, J.: Spatial clustering of species based on quadrat sampling. - 0330 Kovalenko, A.: A kn-nearest neighbour algorithm for unimodal clusters. - 0331 Kharin, Y.: Zhuk, E.: Asymptotic robustness in cluster-analysis for the case of tykey-huber distortions. - 0332 Bozdogan, H.: Choosing the number of component cluster in the mixture-model using a new informational complexity criterion of the Inverse-Fisher information matrix. - 0333 Bodjanova, S.: Fuzzisets and fuzzy partitions. - 0334 Trauwaert, E.: Rousseeuw, P., Kaufman, L.: Fuzzy clustering by minimizing the total hypervolume. - 0335 Scheich, P.: Skorsky, M., Vogt, F., Wachter, C., Wille, R.: Conceptual data systems. - 0336 Strahringer, S.: Wille, R.: Conceptual clustering via convex-ordinal structures. - 0337 Lengnink, K.: Diagrams of similar lattices. - 0338 Van Mechelen, I.: Approximate galois lattices of formal concepts. - 0339 Kollwe, W.: Representation of data by pseudoline arrangements. - 0340 Bandell, H.-J.: Dress, A.W.M.: A relational approach to split decomposition. - 0341 Critchley, F.: Van Gutsem, B.: Some new usefull representations of dissimilarities in mathematical classification. - 0342 Groenen, P.J.F.: A comparison of two methods for global optimization in multidimensional scaling. - 0343 Zielman, B.: Directional analysis of three-way skew-symmetric matrices. - 0344 Heiser, W.J.: Clustering in low-dimensional space. - 0345 Gower, J.C.: The construction of neighbour-regions in two dimensions for predicion with multi-level categorical variables. - 0346 Greenacre, M.J.: Different geometric approaches to correspondence analysis of multivariate data. - 0347 Meulman, J.J.: Heiser, W.J.: Nonlinear biplots for nonlinear mappings. - 0348 Yenyukov, I.S.: Gradient filtering proections for recovering structures in multivariate data. - 0349 Grycko, E.: Classification with set-valued decision functions. - 0350 Weihs, C.: Canonical discriminant analysis: comparison of resampling methods and convex-hull approximation. - 0351 Michels,

P.: Nonparametric prediction of time series on the basis of typical course patterns. - 0352 Pfeifer, D.: Bäumer, H.-P., Albrecht, M.: Moving point patterns: the poison case. - 0353 Fuhr, N.: Representations, models and abstractions in probabilistic information retrieval. - 0354 Miyamoto, S.: Fuzzy graphs as a basic tool for agglomerative clustering and information retrieval. - 0355 Schäuble, P.: Knaus, D.: The various roles of information structures. - 0356 Kree, R.: Müller, A.: Classification properties of communicating neural networks. - 0357 Ultsch, A.: Knowledge extraction from self-organizing neural networks. - 0358 Ultsch, A.: Self-organizing neural networks for visualization and classification. - 0359 Traphöner, R.: Maurer, F.: HyDi: Integration of hypermedia and expert system technology for technical diagnosis. - 0360 Richter, M.M.: Classification and learning of similarity measures. - 0361 Witulski, K.: Context sensitive knowledge processing. - 0362 Kiel, R.: An efficient application of a rule-based system. - 0363 Schrepp, J.: Acquisition of syntactical knowledge from text. - 0364 Weber, H.J.: Generating topic-based links in a hypertext-system for news. - 0365 De Soete, G.: Vermeulen, J.: Interactively displaying ultrametric and additive trees. - 0366 Symanzik, J.: Anaglyphen3D - a program for the interactive representation of three-dimensional perspective plots of statistical data. - 0367 Day, W.H.E.: McMorris, F.R.: Discovering consensus molecular sequences. - 0368 Guénoche, A.: Alignment and hierarchical clustering method for strings. - 0369 Schöniger, M.: Haeseler, A.von: More reliable phylogenies by properly weighted nucleotide substitutions. - 0370 Wirth, U.: Caminalcules and Didaktozoa: imaginary organisms as test-examples for systematics. - 0371 Schwarzenau, P.: Bröde, P., Mehnert, P., Griefahn, B.: Multivariate analysis of the process of acclimatization of physiologic variables. - 0372 Bender, R.: Schultz, B., Grouven, U.: Classification of EEG signals into general stages of anesthesia in real time using autoregressive models. - 0373 Handels, H.: Automatic segmentation and classification of multiparametric image data in medicine. - 0374 Fischer, R.-J.: Pseudo-roots as descriptors for a thesaurus based on Weidman's Diagnosis Table of Pediatrics. - 0375 Weihs, E.: An approach to a space related thesaurus. - 0376 Flenley, E.C.: Olbricht, W.: Classification of archaeological sands by particle size analysis. - 0377 Padmore, J.: The analysis of stratigraphic data with particular reference to zonation problems. - 0378 Boroda, M.G.: Classification criterion and the universals in the organization of a musical text. - 0379 Eckes, Th.: A two-mode clustering study of situations and their features.

0380

06.92-10-20

Kaula, P.N.: **The First Joint FID/CR and ISKO Seminar**. (Orig. en). In: Herald of Libr. Science Vol.32, No.3/4 1993, p.256-259 Report on this meeting which took place on Oct.20, 1992 at Madrid. Outlines the papers presented, especially the one on the Recommendations of the International Study Conferences and on the FID/CR Business Meeting which included a presentation of a paper by Kaula as well as proposals for future research and regional activities.

0381

06.92-10-25

Fidel, R.: Kwasnik, B.H., Smith, Ph.J.: **Advances In Classification Research, Vol.3**. Proc. of the 3rd ASIS SIG/CR Classification Research Workshop held at the 55th ASIS Annual Meeting, Pittsburgh, PA, Oct.25, 1992. (Orig. en). Medford, NJ: Learned Information, Inc. 1993, VI,181+34p. ISBN: 0-938734-79-0

The volume contains the 12 papers presented and personal statements from participants. There is also a list of participants and an index. The editors state in their preface: The papers serve to highlight a number of important issues that the technological advances raise, including: Can we develop a theory of knowledge organization that supports effective searching through large information sources? - Can we effectively support the creation of large-scale databases that use such organizational principles...? - Can we develop interfaces to help explore these knowledge structures more effectively, using visualization and abstraction tools?

0382 Combs, N.: Large text database visualization. - 0383 Doszkocs, T.E.: Sass, R.K.: An associative semantic network for machine-aided indexing, classification and searching. - 0384 Hirtle, St.C.:

Ghiselli-Crippa, Th.: Visualization tools for clustering, trees and ordered trees. - 0385 Humphrey, S.M.: Contextual hierarchies in classification schemes. - 0386 Kantor, P.B.: Rice, R., Contractor, N.: User generated multi-dimensional classification in an adaptive network library interface. - 0387 Kwasnik, B.H.: The role of classification structures in reflecting and building theory. - 0388 Liddy, E.D.: Paik, W., Woelfel, J.K.: Use of subject field codes from a machine-readable dictionary for automatic classification of documents. - 0389 Merzbacher, M.: Chu, W.W.: Instance-based clustering for databases. - 0390 Micco, M.: Ju, Xiangyu: Improving intellectual access to material: An online browser for the Dewey Decimal Classification System. - 0391 Rowley, F.: Anderson, J.D., Hemmasi, H.: Searching a music database with semantically organized vocabulary sets compiled from a thesaurus of Library of Congress Subject Headings. - 0392 Stephens, L.M.: Chen, Y.F.: A two-tiered approach for organizing slots in large, frame-structured knowledge bases. - 0393 Zeng, L.: Compatibility of indexing languages in an online access environment: A review of the approaches.

0394 **06.93-03-29/30**
Meyer, H.-B.: **Treffen juristischer Fachreferenten in der Deutschen Bibliothek.** Meeting of legal subject specialists in the German Library. (Orig. de). In: Recht, Bibl., Dok. Vol.231993, p.81-82 The meeting took place from 29-30 March 1993 in the German Library in Frankfurt. The discussions centered on those parts of the RSWK dealing with problems of law.

0395 **06.93-08-25/27**
Terminology and Knowledge Engineering, TKE'93. (Orig. en). In: Knowl.Org. Vol.21 , No.1 1994, p.33-34
Short report on this conference which took place in Köln, Germany, Aug.25-27, 1993.

0396 **06.94-01-07**
Singh, S.: Prasad, K.N.: **Indian ISKO Chapter: Seminar on Classification and Knowledge Representation.** (Orig. en). In: Knowl.Org. Vol.21 , No.1 1994, p.37-38
Report on the meeting which took place in Bangalore, Jan.7,1994.

0397 **06.94-02-23/26**
Conference on "Begriffliche Wissensverarbeitung" (Conceptual Knowledge Processing), Darmstadt, Febr.23-26, 1994. (Orig. en). In: Knowl.Org. Vol.21 , No.1 1994, p.40-41
Summary of conference, including the names of authors and their papers.

0398 **06.94-06-29/24**
Knowledge Organization and Quality Management. 3rd International ISKO Conference, Copenhagen, 20-24 June 1994. (Orig. en). In: Knowl.Org. Vol.21 , No.1 1994, p.38-40
Schedule of the preliminary program of that conference with its 56 papers and other conference events.

0399 **06.94-07-18/23**
Contested Boundaries and Shifting Solidarities. (Orig. en). In: Knowl.Org. Vol.21 , No.1 1994, p.36
Program of the sessions pertaining to Knowledge Organization and Information Processing in Sociology planned during the 13th World Congress on Sociology, ISA, Bielefeld, 18-23 July 1994.

08 Other Monographs.

0400 **08**
Best, H.: Endres-Niggemeyer, B., Herfurth, M., Ohly, H.P. (Eds.): **Informations- und Wissensverarbeitung in den Sozialwissenschaften.** Beiträge zur Umsetzung neuer Informationstechnologien. Information and knowledge processing in the social sciences. Contributions toward an application of new information technologies. (Orig. de, en). Opladen, DE: Westdeutscher Verlag 1994, 623p. ISBN: 3-531-12501-X
Papers of a number of meetings and sessions in conferences in the years since 1989 sponsored by the Information Center for the Social

Sciences, Bonn, with a preface by H.P.Ohly and M.Herfurth. The papers are arranged in the following 6 groups each with some 4-7 papers: The determination of the place of 'information' in a social science environment - Future-oriented approaches of information mediation - The added value of information for the social sciences - Knowledge organization and the cultures of information technology - Instruments for social science information mediation - Informetrical analyses in the social science area.

0401 Ohly, H.P.: Herfurth, M.: **Information-Wissensverarbeitung-Sozialwissenschaft(Eine Einleitung).** - 0402 Ingwersen, P.: **Informantion science as a cognitive science.** - 0403 Hennings, R.-D.: **Neue Dimensionen des Wissens: Wissensverarbeitung für die Sozial-und Geisteswissenschaften?.** - 0404 Herfurth, M.: Ohly, P.: **Von bibliographischen Datenbanken zu Wissensbanken.** - 0405 Buchberger, E.: **Form and substance: knowledge representation by thesauri.** - 0406 Wachsmuth, I.: Meyer-Fujara, J.: **Wissensbasierte Informationsverarbeitung mit Expertensystemen: Wissen-Fachwissen-Erfahrungswissen.** - 0407 Meder, N.: **Objekt-orientierte Wissensdarstellung und -navigation.** - 0408 Kobsa, A.: **Conceptual hierarchies: approaches from connentionism and artificial intelligence.** - 0409 Spies, M.: **Repräsentation unsicheren Wissens.** - 0410 Präter, K.: **Hypertext und Logikprogrammierung Möglichkeiten einer Symbiose.** - 0411 Thaller, M.: **Computerunterstützte Bildanalyse in der Geschichtswissenschaftl.** - 0412 Faulbaum, F.: **Kontextuelle Wissensbasen als Erweiterung der Datenanalyse.** - 0413 Ohly, H.P.: **Wissensautomatisierung in den Sozialwissenschaften.** - 0414 Henrichs, N.: **Begriffswandel in Datenbanken: kontextuelle Inhaltsanalyse für Disambiguierung und ideengeschichtliche Analyse.** - 0415 Vogt, C.: Wille, R.: **Formale Begriffsanalyse: Darstellung und Analyse von bibliographischen Daten.** - 0416 Van Meter, K.M.: Turner, W.A.: **Cognitive mapping: the german FORIS database and sociological abstracts' aids research.** - 0417 Heilig, K.G.: **Wissens-Landschaften statt Datenberge: Überlegungen zum Informationsproblem in den Sozialwissenschaften.** - 0418 Mochmann, E.: **Moderne Netzwerke zur nationalen und internationalen Datenkommunikation.** - 0419 Tanenbaum, E.: **Sharing information demands sharing knowledge.** - 0420 Rillberger, M.: **Online-Retrieval und Hypertext: auf dem Weg zu verknüpften Datenbanken und offenen Hypertextsystemen.** - 0421 Ingenerf, J.: **Dokumentation fachsprachlich formulierter Information und kompositionelle Semantikanalyse-Typisierung begrifflicher Ordnungssysteme.** - 0422 Manecke, H.-J.: Claus, H.: **Referieren auf der Basis von Textrelationen.** - 0423 Bender, D.: **Die Leistungsfähigkeit von Dokumentations- und Informationssystemen im Wissenschaftsbereich.** - 0424 Müller, G.P.: **Wissensbasierte Analyse mit statistischen Datenbanken (Das sozio-ökonomische Panel).** - 0425 Englmeier, K.: **Die Integration einer Informationsmittelfunktion in den Information-Retrieval-Prozess (WIDAB).** - 0426 Mutschke, P.: Herfurth, M.: **AKCESS: Wissensverarbeitung mit sozialwissenschaftlichen Literatur- und Projektdatenbanken.** - 0427 Schopen, M.: **GRIPS-Menu: Unterstützung von Endnutzerrecherchen in Literalurdatenbanken des DIMDI.** - 0429 Klose, G.: Pirlein, Th.: **Wissensmodellierung in LILOG.** - 0430 Völkel, H.: **Semanlisches Kollokationswörterbuch zur manuellen und maschinellen Nutzung.** - 0431 Raan, A.F.J.van: **Assessment of research performance with bibliometric methods.** - 0432 Daniel, H.-D.: **Peer-review als Qualitätsfilter im wissenschaftlichen Publikationswesen.** - 0433 Winterhager, M.: **Bibliometrische Basisdaten zur Entwicklung der Sozialwissenschaften in Deutschland.** - 0434 Schoepflin, U.: Härtel, G.: **Zur Geschichte der Soziologie: Bibliometrische Analyse der Entwicklung einer Disziplin.** - 0435 Best, H.: Ohly, R.: **Entwicklungstendenzen der deutschsprachigen Soziologie im Spiegel ihrer führenden Fachzeitschriften - Ergebnisse einer Korrespondenzanalyse.** - 0436 Binder, G.: Stahl, M.: **Der thematische Zusammenhang von Forschung und Lehre: Eine scientometrische Analyse.**

0437 **08**
Baker, B.B. (Ed.): **Cooperative cataloging: Past, present, and future.** (Orig. en). In: *Classif.Quart.* Vol.17 , No.3/4 New York: Haworth Press 1993, 275p. ISBN: 1-56024-582-4
10 Contributions on descriptive cataloguing and an introduction by the editor. Index p.259-275

0438 08
Green, R.D. (Ed.): **Foundations In music bibliography.** (Orig. en). In: Music Reference Serv.Quart. Vol.2 , No.1/4 New York, NY: Haworth Press 1993, 398p. ISBN: 1-56024-512-3
Among the 21 contributions and a preface by the editor there is only one on indexing, see the entry under Temperley, N.

0439 08
Joachim, M.D.: **Languages of the world: Cataloging issues and problems.** (Orig. en). In: Cat.& Classif.Quart. Vol.17 , No.1-2 New York, etc.: Haworth Press 1993, 292p.
Treats cataloging problems of specific languages and non-specific ones. There is only one contribution on subject cataloging, see Fina under 0181 in KO94-1.

0440 08
Spinner, H.F.: **Die Wissensordnung. Ein Leitkonzept für die dritte Grundordnung des Informationszeitalters.** Knowledge order. A guiding concept for the third basic order of the information age. (Orig. de). Opladen: Leske+Budrich 1994, 273p. Studien z.Wissensordnung, Bd.1 ISBN: 3-8100-1083-9
The book is in 6 chapters: 1. On the matter of knowledge and its order, 2. Concerning the development of knowledge technologies and their technical consequences, 3. On the situation of the knowledge field in the age of information, 4. Concerning the rise of the classical knowledge order in modern scientific and social institutionalization, 5. On the transformation of science and on the change of knowledge order, 6. On the new knowledge order of the information age. - Appendix: Problem catalogue on knowledge order for disciplines concerned with it. On the state of discussion in selected subject areas as well as concerning cross-disciplinary order tasks. Commented list of literature (461 refs.), Name index, subject index.

09 Standards, Guidelines.

0441 09.31
Geißelmann, F.; Bellgardt, S.; Keim, B.: **Praxisregeln zu den Regeln für den Schlagwortkatalog (RSWK) und der Schlagwortnormdatei (SWD). Ergänzungslieferung 1.** Rules for the practice of using the rules for the subject catalogue and the standard subject file. (Orig. de). Frankfurt/Main: Deutsche Bibliothek 1993, loose-leaf ed.
The supplement has 45 new rules for practical use.

1 Theoretical Foundations and General Problems.

11 Order and Knowledge Organization.

0442 111, 162
Gopinath, M.A.: **Science of classification: Ranganathan's contribution to classification.** (Orig. en). In: J.Libr.& Inform.Sci. Vol.17 , No.1 1992, p.66-70, refs.

0443 116, 124
Binwal, J.C.: **Modes of information of subjects: a model for knowledge representation.** (Orig. en). In: J.Libr.& Inform.Sci. (India) Vol.17 1: 1992, p.82-8, refs.

12 Conceptology in Knowledge Organization.

0444 124, 231
Chandrasekaran, B.; Johnson, T.R.; Smith, J.W.: **Task-structure analysis for knowledge modeling.** (Orig. en). In: Communications of the ACM Vol.35 , No.9 1992, p.124-137, 35 refs.
The authors state that their emphasis is on the notion of modeling domain knowledge using tasks and methods as mediating concepts

0445 124
Hofstede, A.H.M.T.; Proper, H.A.; Weide, T.P.v.d.: **Formal definition of a conceptual language for the description and manipulation of information models.** (Orig. en). In: Inform.Syst. Vol.18 , No.7 1993, p.489-523, refs.

0446 124,157, 715
Sabah, G.: **Knowledge representation and natural language understanding.** (Orig. en). In: AI Communications Vol.6 , No.3/4 1993, p.155-186, refs.

13 Mathematics in Knowledge Organization.

0447 133
Pracht, W.E.: **Model visualization: Graphical support for DSS problem structuring and knowledge organization.** (Orig. en). In: Decision Support Syst. Vol.6 1990, p.13-27, 30 refs.
A model visualization system is a display based system that: (1) is designed for implementation in a managerially-friendly, interactive problem-solving environment, (2) supports the creative task of discovering and modeling the structure of a complex problem, (3) provides the capability for modeling the behaviour of a system through time and (4) may serve as the basis for the incorporation of heuristic rules appropriate for model-based reasoning procedures. Efforts are underway to design, develop, and implement a prototype model visualization system in Smalltalk/V.

14 Systems Theory and Knowledge Organization.

0448 147
Curras, E.: **Ranganathan's classification theories under the systems science postulates.** (Orig. en). In: J.Libr.& Inform.Sci. (India) Vol.17 , No.1 1992, p.45-65, refs.

15 Psychology and Knowledge Organization.

0449 151
Zhang, Qin'en: **The methodology of thinking science in classification science.** (Orig. ch). In: Bull.Libr.Sci.in China , No.1 1993, p.15-21

0450 153, 124
Chang, Ai-Mei; Holsapple, C.W.; Whinston, A.B.: **A hyperknowledge framework of decision support systems.** (Orig. en). In: Inform.Process.& Management Vol.30 , No.4 1994, p.473-498, 52 refs.
The framework consists of a formal expression of fundamental concepts and principles about decision support systems. It formalizes specifics about system functionality, representation of knowledge, navigation of the knowledge system, and user-interface traits as elements of a DSS environment that conforms closely to human cognitive processes in decision making. (Author, abbr.)

17 Problems in Knowledge Organization.

0451 173
Zhu, Zhenyuan: **An elementary analysis of documentary information retrieval language handicap.** (Orig. ch). In: Bull.Libr.Sci. in China , No.3 1993, p.65-71

0452 174, 916
Buch, L.: **Technology wins over intellect: or how the intermediary in the Danish research library service was murdered.** (Orig. da). In: DF Revy Vol.16 , No.9 1993, p.243-247, refs.
It is shown that the simple recycling system (reusing other libraries' keywords) which the report of the Statens Bibliotekstjeneste (1993) recommends cannot be used effectively in the Environmental library of the author.

2 Classification Systems and Thesauri (CS & T). Structure and Construction.

21 General Questions of CS & T.

0453 **215**
Kimoto, H.: Iwadera, T.I.: **Associative Information Retrieval System(AIRS) - Its performance and user experience.** (Orig. en). In: IEICE Transact.on Inf.& Syst. Vol.2 E76-D, p.274-283
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0607 8458-51/4
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0619 **872**
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0626 **879**
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0627 **879**
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0628 **879, 977**
Thiel, Th.J.: **Costs of CD-ROM production - what they are and how to overcome them.** (Orig. en). In: CD-ROM Professional Vol.6, No.2 1993, p.43-46
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0632 **88-51**
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0633 **88-51/4**
Chute, C.G. et al.: **Latent semantic indexing of medical diagnoses using UMLS semantic structures.** (Orig. en). In: Assessing the Value of Medical Informatics: Proceedings, 15th Annual Symp. on Computer Applications in Medical Care, Washington, DC, Nov. 1991 New York: McGraw-Hill 1992, p.185-189

0634 **88-63**
Hahn, G.: **Erschließung von Kleineliteratur in Direktablagen.** Analysis of 'small literature' in direct storage. (Orig. de). In: Mitt. Arb. Gem. Parlaments-Bibl. , No.72 1992, p.79-96, 4 refs.

0635 88-66
Mertes, K.: **Anything but cut and dried: the rigors of specialist Indexing.** (Orig. en). In: Key Words Vol.1 , No.8 1993, p.1-3

0636 88-66
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0637 88-663
Craven, P.: Traves, W.: **A general-purpose hierarchical coding engine and its application to comparative analysis of statutes.** (Orig. en). In: Literary & Linguistic Comput. Vol.8 , No.1 1993, p.27-32, 3 refs.

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0638 88-66
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0639 88-672
Marzano, G.: **The use of a functional grammar In the automatic processing of stylised administrative documents in a land registry.** (Orig. en). In: J.Doc. Vol.49 , No.3 1993, p.292-306, 41 refs.

0640 88-817
Shaw, D.J.: Fouchereaux, K.: **Research needs in Information science.** (Orig. en). In: Bull.Amer.Soc.Inform.Sci. Vol.19 , No.3 1993, p.25
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0641 88-92
Liu, Rui: **An approach to indexing literary works and reference books.** (Orig. ch). In: Tushu Qingbao Zhishi , No.1 1992, p.15-16

0642 88-921, 88-822
Heiner-Freiling, M.: **Beschlagwortung von Belletristik, Kinder- und Jugendliteratur und Schulbüchern - ein neues Dienstleistungsangebot der Deutschen Bibliothek.** Indexing of children's and youth literature as well as of school books. A new service of the German Library. (Orig. de). In: Dialog Bibl. Vol.5 , No.1 1993, p.13-18

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0644 88-939
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9 Knowledge Organization Environment.

91 Professional and Organizational Problems in General and in Institutions.

0645 916
Reinke, U.: **Der Austausch terminographischer Daten.** The exchange of terminographical data. (Orig. de). Wien: TermNet 1993, 150p. IITF-Series 2 ISBN: 3-901010-05-X

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0646 917
Heinz, G.: **Data transfer between CD-ROM databases (MEDLINE) to own databanks (LIDOS), with the example of a databank on schizophrenia.II. Transfer of descriptors.** (Orig. de). In: Software Kurier f.Med.& Psych. Vol.4 , No.6 1992, p.198-203

0647 918-51/4
Miller, P.L. et al.: **Prototyping an institutional IAIMS/UMLS information environment for an academic medical center.** (Orig. en). In: Bull.Med.Libr.Assoc. Vol.80 , No.3 1992, p.281-287
A prototype design is discussed which shows the link between the U.S.National Library of Medicine's Integrated Academic Information Management System (IAINS) and the Unified Medical Language System (UMLS).

0648 918-51/4
Sperzel, W.D. et al.: **Biomedical database inter-connectivity: an experiment linking MIM, GENBANK, and META-I via MEDLINE.** (Orig. en). In: Assessing the Value of Medical Informatics: Proceedings 15th Ann.Symp. on Computer Appl. in Medical Care. Washington, DC, Nov.1991 New York: McGraw-Hill 1992, p.190-193

92 Persons and Institutions in KO.

0649 924
Bell, H.K.: **Index makers of today.** (Orig. en). In: Indexer Vol.18 , No.4 1993, p.244-246

Short portraits (with photographs) of Ms.Elizabeth Wallis, a founder member of the Society of Indexers in 1957; Ms.Mary Piggott who taught nearly 30 years at University College London the subjects Cataloguing and Classification and had joined SI at its inaugural meeting; and Dr.John Vickers who received the Wheatley medal in 1976 for his index to Vol.11 of the Bicentennial Edition of "The works of John Wesley" (Oxford Univ.Press 1975).

0652 924
Navalini, K.: Satija, M.P. (Eds.): **Petits Petales. A tribute to S.R.Ranganathan.** (Orig. en). New Delhi: ABC Publ.House 1993, 150 p. ISBN: 81-7123-060-1

The book honours Ranganathan in 16 contributions and an introduction by the editors. It concludes with a name and subject index. The papers:

0653 Kumar, P.S.G.: Ranganathan through classification. - 0654 Langridge, D.W.: My debt to Ranganathan. - 0655 Subba Rao, C.V.: Controversies on Dr.S.R.Ranganathan. - 0656 Chand, Kuldip: Singh, Gian: Impact of information technology on Ranganathan's Five Laws. - 0657 Satija, M.P.: Research in librarianship before and after Ranganathan. - 0658 Batty, C.D.: The influence of Ranganathan on the structural design of index languages. - 0659 Dhyani, P.: Ranganathan's normative principles and Dewey Decimal Classification. - 0660 Friis-Hansen, J.: Facets and clusters. - 0661 Hunter, E.J.: Ranganathan UK: The influence of Ranganathan's work on the development of classification and indexing in the United Kingdom. - 0662 McIlwaine, I.C.: Ranganathan and classification in Britain. - 0663 Bakewell, K.G.B.: Ranganathan and library management. - 0664 Bhargava, G.D.: Dr.S.R.Ranganathan — my teacher and mentor. - 0665 Navalini, K.: The tallest torch bearer. - 0666 Comaromi, J.P.: Ranganathan's influence on American librarianship. - 0667 Konnur, M.B.: Dr.S.R.Ranganathan - American view. - 0668 Sharma, Ravindra N.: Ranganathan and the United States.

0668a 924
Powell, F.: **Book review of Satija, M.P.: S.R.Ranganathan and the method of science.** New Delhi: Adita Praksham 1992. 181p.. (Orig. en). In: Third World Libr. Vol.3 , No.2 1993, p.72-3

0669 924
Satija, M.P.: **Book review of Kumar, G.: S.R.Ranganathan: an Intellectual biography.** New Delhi: Har-Anand Publ.1992. 327p.. (Orig. en). In: Knowl.Org. Vol.20 , No.1 1993, p.59

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