

Knowledge Organization Literature 24(1997) Serial Nos. 0001-0129

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Personal Author Index

Language abbreviations:

| | | | |
|----|-----------|----|------------|
| ar | Arabic | hu | Hungarian |
| af | Afrikaans | it | Italian |
| bg | Bulgarian | ja | Japanese |
| ch | Chinese | ji | Jiddish |
| cs | Czech | li | Lithuanian |
| da | Danish | nl | Dutch |
| de | German | pl | Polish |
| ee | Estonian | pt | Portuguese |
| en | English | ro | Romanian |
| es | Spanish | ru | Russian |
| fi | Finnish | sk | Slovak |
| fr | French | uk | Ukrainian |

* Subdivisions of 048-, 5, 6, 78, 82 and 83 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 was published in *Knowl. Org.* 20 (1993)No.4, p.215-222.

** Monographs on special topics at special subdivisions.

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

Knowledge Organization Literature

Gerhard Riesthuis: Literature Editor

0 Form Divisions

02 Literature Reviews

see 0062, 0066, 0074, 0118, 0127

03 Dictionaries, Terminologies

0001 032
Knechtges, S.: *Bibliothekarisches Handwörterbuch: Deutsch-Englisch-Russisch* – Librarian's Dictionary – Nastol'nyi Slovar Bibliotekarja. 2nd essentially enlarged ed. Bad Honnef: Bock und Herchen 1995. 204p. ISBN 3-88347-187-9

0002 032.09
DIN EN ISO 8402 – *Quality management: vocabulary*. Berlin: DIN Deutsches Institut für Normung e.V. 1995. 39, 8 p. This standard contains 56 concepts with definitions on quality management in English, French and Russian and relates to the series of standards DIN EN ISO 9000 and their supporting standards. The standard is at the same time a supplement to the *Concise dictionary of library and information science* by Stella Keenan and to Harrod's *Librarian's glossary*.

04 Classification Systems and Thesauri

0003 048-515, -535
Coulon, J.-J.: *Thesaurus ophtalmologique*. Ophthalmological thesaurus. Nantes, FR: Ed. ERA 1996. 1034p. ISBN 2-909168-04-2

06 Conference Reports, Proceedings

0004 06.93-17/18
Micačić, M., Willer, M.: *Book review of Holley, R.P., D. McGarry, D. Duncan and E. Svenonius (eds.): Subject indexing: Principles and practices in the 90's. Proceedings of the IFLA satellite meeting held in Lisbon, Portugal, 17-18 August 1993* (Orig. en) In: *Knowledge Organization* Vol 23, No.4, 1996, p.233-236

0005 06.96-11-1/3, 759, 391
Harman, K. (Ed.): *The fourth text retrieval conference (TREC-4)*. (Orig. en) In: Gaithersburg, MD: National Institute of Standards. Computer Systems Laboratory, 1996. (NIST special publications; 500-236). 776 p. Refs.
Proceedings of the 4th TREC-Conference held in Gaithersburg, Maryland (USA), November 1-3, 1995. Aim of the conference was discussion on retrieval techniques for large test collections. Different research groups used different techniques, such as automatic thesauri, term weighting, natural language techniques, relevance feedback and advanced pattern matching, for information retrieval from the same large database. This procedure makes it possible to compare

the results. The proceedings include papers, tables of the system results, and brief system descriptions including timing and storage information.

07 Textbooks

0006 07.1
Jeng, L.H.: *Book review of Marcella, R., Newton, R.: A new manual of classification*. Aldershot, GB: Gower 1994. XII, 287p. (Orig. en) In: *Library Quarterly*. Vol. 66, No. 3, 1996, p.323-325

0007 07.1
Satija, M.P.: *Book review of Husain, Sh.: Library classification: Facets and analysis*. New Delhi: Tata McGraw-Hill 1993. 367 p. (Orig. en) In: *Herald of library science* Vol.35, No.1/2, 1996, p.100-101

0008 07.21
Brunt, R.: *Book review of Foskett, A.C.: The subject approach to information*. 5th ed. London: Library Association Publishing, 1996. xv, 456 p. (Orig. en) In: *Journal of documentation* Vol.53, No.2, 1997, p.203-205

0009 07.21
Bater, B.: *Book review of Foskett, A.C.: The subject approach to information*. 5th ed. London: Library Association Publishing, 1996. xv, 456 p. (Orig. en) In: *Managing information* Vol.3, No.10, 1996, p.47

0010 07.3
O'Brien, A.: *Book review of Kao, M.L. Cataloging and classification for library technicians*. Binghampton, New York: Haworth Press 1995. 137 p. (Orig. en) In: *Electronic library* Vol.14, No.5, 1996, p. 470-471

0011 07.3
Ferguson, B.: *Book review of Kao, M.L. Cataloging and classification for library technicians*. Binghampton, New York: Haworth Press 1995. 137 p. (Orig. en) In: *Cataloging & classification quarterly*, Vol. 23, No. 1, 1996, p.121-123

0012 07.78-82
Woodley, Z.: *Book review of S. Keenan: Concise Dictionary of Library and Information Science*. London: Bowker-Saur, 1996 (Orig.: en) In: *Managing information* Vol.3, No.9, 1996, p.49

0013 07.78-82
Williams, R.: *Book review of S. Keenan: Concise Dictionary of Library and Information Science*. London: Bowker-Saur, 1996 (Orig. en) In: *Focus on international & comparative librarianship* Vol.27, No. 2, 1996, p.125-126

08 Other Monographs

- 0014 08.2
Duckett, B. *Book review of Richardson, J.V.: Knowledge-based systems for general reference work: applications, problems, and progress.* - San Diego, CA: Academic Press 1995. XIX, 355p. (Orig. en) In: Journal of documentation Vol.52, No.1, p. 122-123
- 0015 08.2
Hernon, P. *Book review of Richardson, J.V.: Knowledge-based systems for general reference work: applications, problems, and progress.* - San Diego, CA: Academic Press 1995. XIX, 355p. (Orig. en) In: Government information quarterly Vol.13, No.1, 1996, p. 107
- 0016 08.448
Kuyper-Rushing, L. *Book review of L.M. Chang: Library of Congress Subject Heading: principles and application. 3rd ed. Englewood: Libraries Unlimited, 1995* (Orig. en) In: Cataloging & classification quarterly Vol.23, No.1, 1996, p.127-130

1 Theoretical Foundations

13 Mathematics in KO

See 0060

15 Psychology of KO

- 0017 154
Gödert, W. *Zum Verständnis des Informationsbegriffes.* On the understanding of the concept information (Orig. de) In: Buch und Bibliothek Vol.48, No.3, 1996, p. 272-297

16 Science and KO

- 0018 162
Bennett, D.C. *The internationalization of scholarship and scholarly societies in the humanities and social sciences* (Orig. en) In: Knowledge organization Vol. 23, No. 4, 1996, p. 193-198
- 0019 165
Reich, Y. *Measuring the value of knowledge* (Orig. en) In: International Journal of Human-Computer Studies Vol. 42, No. 1, 1995, p.3-30

17 Problems in KO

- 0020 173, 759, 391
Crestani, F., Ruthven, I., Sanderson, M., Rijsbergen, C.J. van *The troubles with using a logical model of IR on a large collection of documents : Experimenting retrieval by logical imaging on TREC* (Orig. en) In: The fourth text retrieval conference (TREC-4) Gaithersburg, VA, 1996 p.509-526. Refs.

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

21 General Questions of CS & T

- 0021 211
Mandel, C.A., Wolven, R. *Intellectual access to digital documents: joining proven principles with new technologies* (Orig. en) In: Cataloging & classification quarterly Vol.22, No. 4, 1996, p.25-42. Refs.
- 0022 211
Esteban, M.A. *Los lenguajes documentales ante el paso de la organizacion de la realidad y el saber a la organizacion del conocimiento.* Documentary languages: from the organization of reality and empirical knowledge to knowledge organization. In: Scire Vol.1, No.2, 1995, p.43-71. Refs.

22 Structure and Elements of CS & T

See also 0047

- 0023 221
Lopez-Huertas, M.J. *Thesaurus structure design: A conceptual approach for improved interaction* (Orig. en) In: Journal of documentation 53(1997)1, p.139-177. 56 refs.
- 0024 224
Stone, A.T. *Up-ending Cutter's pyramid: the case for making subject references to broader terms* (Orig. en) In: Cataloging & classification quarterly Vol.23, No.2, 1996, p.5-16. Refs.
Promotes the value of guiding users to broader terms also instead of only to narrower and related ones.
- 0025 225
Allen, R.B. *Retrieval from facet spaces* (Orig. en) In: Electronic publishing Vol.8, No.2/3, 1995, p.247-257. Refs.
- 0026 226
Tarszkiewicz, B. *Hasło korporatywne Co? Kiedy? Jak?* Corporate subject headings - what? when? where? (Orig. pl) In: Poradnik bibliotekarza Vol.10, 1995, p.22-26. Refs.

23 Construction of CS & T

- 0027 236
Spackman, A., Gilbert, D., Glastonbury, B. *Scoping the language of the personal social services* (Orig. en) In: Assignment Vol.13, No. 3, 1996, p.13-18
Discusses a project to use in thesauri as much as possible the terms used by the workers in the field, in this case personal social work. The aim is the development of a high quality information system, including accurate client records, to make sharing information possible.

24 Relationships

- 0028 246
Robertson, A.M., Willett, P. *An upperbound to the performance of ranked output searching: optimal weighting of query terms using a genetic algorithm* (Orig. en) In: Journal of documentation Vol.52, No.4, 1996, p.405-420

26 Notation, Codes

See 0052

28 Compatibility and Concordances between Indexing Languages

0029 284, 42
Santoro, M. *International exchange languages: the case of the Universal Classification* (Orig. en) In: Extensions and corrections to the UDC Vol.18, 1996, p.81-91. Refs.
About the possible role of the Universal Decimal Classification as an international switching language.

29 Evaluation of CS & T

See 0079

3 Classing and Indexing (Methodology)**31 Theory of Classing and Indexing**

0030 313
Zakharov, V.P., Masevich, A.C., Pimenov, N. *Authority control as a linguistic support element of an automated library system* in: International cataloguing and bibliographic control (Orig. en) In: Vol.25, No. 4, 1996, p.86-87

32 Subject Analysis

0031 321, 751
Huibers, T.W.C., Bruza, P.D. *Situations, a general frame work for studying information retrieval* (Orig. en) In: in: Proceedings of the 16th research colloquium of the British computer society information retrieval specialist group, Dryman, Scotland, 22-23 March 1994. Ed. By K. Leon. London: Taylor Graham, 1996, p.3-25. Refs.
Theoretical comparison of information retrieval models based on how the models view aboutness. The framework of the models is based on concepts from situation theory.

0032 321, 751
Huibers, T.W.C. *An axiomatic theory for information retrieval* (Orig. en) In: Utrecht: Rijksuniversiteit Utrecht. Faculteit Wiskunde en Informatica, 1996. vii, 203 p. Refs.
Theory about the question how relevant information can be distinguished from non-relevant information in view of a given need for information. The models used in this theory are based on concepts taken from situation theory.

0033 326
Woodley, Z. *Book review of E.T. Cremming: The art of abstracting. 2nd ed. Arlington, VA: Information resources press, 1996. 230 p. 2nd ed.* (Orig. en) In: Managing information Vol.3, No.9, 1996, p.46

34 Automatic Classing and Indexing

0034 341
Faraj, N., Godin, R., Missaoui, R., David, S., Plante, P. *Analysis of an automatic indexing method based on syntactic analysis of text* (Orig. en) In: Canadian journal of information and library science Vol.21, No.1, 1996, p. 1-21

0035 341, 753, 391
Smeaton, A.F., Kellely, L., O'Donnell, R. *TREC-4 experiments at Dublin City University: Thresolding posting lists, query expansion with WordNet and POS tagging of Spanish* (Orig. en) In: The fourth text retrieval conference (TREC-4) 1996, p.373-389. Refs.

0036 341, 759
Buckley, Chr., Singhal, A., Mitra, M., Salton, G. *New retrieval approaches using SMART: TREC 4* (Orig. en) In: The fourth text retrieval conference (TREC-4) 1996, p.25-48. 11 refs.

0037 343, 391
Burnett, M., Fisher, C., Jones, R. *InTEXT precision indexing in TREC4* (Orig. en) In: The fourth text retrieval conference (TREC-4) 1996, p.287-294. 3 refs.

0038 343, 391
Huffman, St. *Acquaintance: Language-independent document categorization by N-grams* (Orig. en) In: The fourth text retrieval conference (TREC-4) 1996, p.359-371. Refs.

0039 343, 391
Grossman, D.A., Holmes, D.O., Frieder, O., Nguyen, M.D., Kingsbury, Chr.E. *Improving aciracy and run-time performance for TREC-4* (Orig. en) In: The fourth text retrieval conference (TREC-4) 1996, p. 433-441, 19 refs.

0040 343, 391
Carleton, J.L., Caid, W.R., Sasseen, R.V. *Using CONVECTIS: A context vector-based indexing system for TREC-4* (Orig. en) In: in: The fourth text retrieval conference (TREC-4) 1996, p.443-448, 5 refs.

0041 343, 391
Lai, K.F., Lee, V.A.S., Chew, J.P. *Document routing by discriminant projection: TREC-4* (Orig. en) In: The fourth text retrieval conference (TREC-4) 1996, p.449-457. 5 refs.

0042 348
Lepsky, K., Siepmann, J., Zimmermann, A. *Automatische Indexierung für Online-Kataloge: Ergebnisse eines Retrieval-tests. Automatic indexing for online catalogues: results of a retrievaltest* (Orig. de) In: Zeitschrift für Bibliothekswesen und Bibliographie Vol.43, No.1, 1996, p. 47-56

0043 348, 391
Lewis, D.D. *The TREC-4 filtering track* (Orig. en) In: The fourth text retrieval conference (TREC-4) 1996, p.165-180. 10 refs.
Experiment with a binary text classification system. In these systems for each document processed it is decided wether the document it is relevant for the query or not. The query can be a SDI profile, but the technique can also be used for assigning controlled vocabulary categories.

0044 348, 43, 879
Shafer, K. *Scorpion project explores using Dewey to organize the Web* (Orig. en) In: OCLC newsletter No. 222, 1996, p. 20-21
Using DDC for automatic indexing and classifying of Internet sources.

0045 348, 752, 391
Hearst, M., Pedersen, J., Pirolli, P., Schütze, H., Grefenstette, G., Hull, D. *Xerox site report: Four TREC-4 tracks*

(Orig. en) In: The fourth text retrieval conference (TREC-4) 1996, p.97-119. 22 refs.

0046 349, 396
Gödert, W., Liebig, M. *Maschinelle Indexierung auf dem Prüfstand: Ergebnisse eines Retrievaltests zum MILOS II Projekt*. Automatic indexing on the test bench : results of a retrieval test of the MILOS II project (Orig. en) In: Bibliotheksdienst Vol.31, No.2 1997, p. 59-68. 5 refs. Evaluation of a project for automatic indexing of books on the basis of bibliographic data. The automatic indexing resulted in less zero hits than title words alone or subject headings according to the German RSVK-system. Reason is that the automatic indexing used a vocabulary with a good morphological and semantic structure. The article gives proposals for a still better automatic indexing.

35 Manual and Automatic Ordering Techniques

See also 0080

0047 356,221
Arents, H.C., Bogaerts, W.F.L. *Concept-based indexing and retrieval of hypermedia information* (Orig. en) In: Encyclopedia of library and information science Vol.58, 1996, p. 1-29. 93 refs.

0048 384
Kulkarni, M., Gupta, V.K., Viswanathan, T. *An automatic index generation and information retrieval system for bibliographic databases developed at the Indian National Scientific Documentation Centre* (Orig. en) In: Program Vol.30, No.1, 1996, p. 65-72

39 Evaluation of Classing and Indexing

See also 0005, 0020, 0037-0041, 0043, 0045, 0046, 0077, 0081-0088, 0091-0094, 0097-0099, 0106, 0109, 0128, 0129

0049 391
Tague-Sutcliffe, J. *Measuring Information: An information services perspective*. San Diego etc.: Academic Press, 1995. – xii, 206 p. (Orig. en)

0050 391
Losec, R. *Book review of Tague-Sutcliffe, J.: Measuring Information: An information services perspectives*. San Diego: Academic Press 1995, xii, 206p. (Orig. en) In: Journal of the American Society of Information Science Vol.47, No.10, 1996, p.794-795

0051 393
Brooks, T.A. *The relevance aura of bibliographic records* (Orig. en) In: Information processing & management Vol.33, No.1, 1997, p.69-80. Refs.

4 On Universal Classification Systems and Thesauri

41 On Universal Systems in General

0051a 411
Sukiasyan, E.R.: *Proekt 'Universal'nye klassifikatsionnye sistemy' realizuetsya v Rossii*. Contribution of Russia to the 'Universal Classification Systems' Project (Orig. ru). In:

Nauchnye-tekhicheskie biblioteki Vol.8, 1996, p.35-41. Refs.

After the Krimea-95 conference a comprehensive guide to universal classification systems was compiled under the auspices of the International Society for Knowledge Organization.

42 On the Universal Decimal Classification

See also 0029

0052 42.213, 266
Loth, K. *Überlegungen zu einer computergerechten Reorganisation der UDK*. Ideas about a reorganisation of the UDC suited for computers (Orig. de) In: Extensions and corrections to the UDC Vol.18, 1996, p.9-13.

Proposal for a centesimal division based on the experiences with the automated UDC catalogue of ETH in Zuerich and the EPF in Lausanne.

0053 42.6-52/54
McIlwaine, I.C., Williamson, N.J. *Restructuring of Class 61 - Medical sciences* (Orig. en) In: Extensions and corrections to the UDC Vol.17, 1995, p.11-66

Proposal for a drastic, fully faceted, reconstruction of class 61 - medical sciences - of the Universal Decimal Classification.

0053 42.6-52/54
McIlwaine, I.C., Williamson, N.J. *Restructuring of Class 61 - Medical sciences* (Orig. en) In: Extensions and corrections to the UDC Vol.18, 1996, p.15-77

0054 42.6-91
Amies, P. *Linguistics in the UDC* (Orig. en) In: Extensions and corrections to the UDC Vol.17, 1995, p.71-75 . Refs.
Evaluation of class 81 - Linguistics - in the Universal Decimal Classification.

43 On the Dewey Decimal Classification

See also 0044

0055 43
Mitchell, J.S. *Dewey Decimal Classification: Knowledge organization tool for the 21st century* (Orig. en) In: OCLC Newsletter No.222, 1996, p.32-36
Overview of the 21st edition of DDC and plans for the future.

0056 43.6-4/5
New, G., Trotter, R. *Revising the life sciences for Dewey 21* (Orig. en) In: Catalogue & index No.121, 1996, p.1-6. Refs.

44 On the Library of Congress Classification and the LCSH

0056a 44, 953
Smith, J.: *Using Library of Congress playing cards to train student shelveers*. (Orig. en) In: College and undergraduate libraries. Vol. 3, No. 1, 1996, p.1-15, Refs.

Training on the proper ordering of books according to the Library of Congress call numbers, using playing cards.

0056b 44.8
Connell, T.H.: *Use of the LCSH systems: Realities* (Orig. en) In: *Cataloging & classification quarterly* Vol.23, No.1, 1996. Refs.
Study how academic libraries cope with changes in the Library of Congress Subject Headings. Finds that many libraries are not consistently maintaining authority control and discusses the implications for satisfaction of users.

0057 44, 694
Fournier, M., Boucher, R. *Le AAT: son adaptation en français par l'équipe du repertoire de vedettes-matière de l'Université, Laval*. The AAT: its adaptation in French by the subject headings list team of Laval University (Orig. fr.) In: *Art libraries journal* Vol.21, No.3, 1996, p.29-33. Refs.
On the integration of French translations of subject headings from the Art and Architecture Thesaurus in the French version of the Library of Congress Subject Headings.

48 On other Universal CS & T

0058 485
Sadowska, J. *Hasła przedmiotowe Przewodnika Bibliograficznego*. The subject index of The Bibliographic Handbook (Orig. pl.) In: *Poradnik bibliotekarza* No.5, 1995, p.7-10. Refs.
On the list of subject headings of the Polish National Library.

0059 489
Cooper, L. *Problems associated with the ability of elementary school children to successfully retrieve material in the school library media center and some alternative methods of classification which may help to alleviate these problems: a case study of the Common School Library, Amherst, Massachusetts*. (Orig. en) In: *Public & access services quarterly* Vol.2, No.1, 1996, p. 47-63. Refs.

6 On Special Subject CS & T

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

0060 62, 131
Sarbu, C., Horowitz, O., Pop, H.F. *A fuzzy cross-classification of the chemical elements, based on their physical, chemical, and structural features* (Orig. en) In: *Journal of chemical information and computer science* Vol.36, No. 6, 1996, p.1098-1108. Refs.

64 On CS & T in the Biological Area 4

0061 649
Weihs, W. *Zur Klassifikation umweltbezogener Daten im Rahmen des Bayerischen Umweltinformationssystems an Hand eines objektorientierten Ansatzes*. The classification of environmental data in the context of the Bavarian Environmental Information System using an object-oriented approach (Orig. de) In: *Nachrichten für Dokumentation* Vol.47, No.6, 1996, p. 350-367. 16 refs.

69 On CS & T in the Culture Area 9

See 0057

7 Knowledge Representation by Language and Terminology

71 General Problems of Language in Relation to KO

0062 713.02
Haas, S.W. *Natural language processing: toward large-scale, robust systems* (Orig. en) In: *Annual review of information science and technology* Vol.31, 1996, p.83-119. Refs.
Review article.

0063 715, 757
Narasimhamurthi, N. *Intelligent information retrieval: an introduction* (Orig. en) In: *Information studies* Vol.2, No.2, 1996, p.75-84. Refs.
Applicability of artificial intelligence to online information retrieval.

72 Semantics

0064 721
Skuce, D., Lethbridge, T.C. *CODE4: A unified system for managing conceptual knowledge* (Orig. en) In: *International Journal of Human-Computer Studies* Vol.42, No.4, 1995, p. 413-452

0065 725
Poitrenaud, S. *The PROCOPE semantic network: an alternative to action grammars* (Orig. en) In: *International Journal of Human-Computer Studies* Vol. 42, No.1, 1995.

73 Automatic Language Processing

0066 733.02
Yee, M.M., Laye, S.S. *Online public access catalogs* (Orig. en) In: *Encyclopedia of library and information science* Vol.58, 1996, p. 149-238. Ca 150 refs.
Review article on OPAC's from the users' point of view. Contains a list of 66 user studies

0067 733
Merlo, P. *Modularity and information content classes in principle-based parsing* (Orig. en) In: *Computational linguistics* Vol.21, No. 4, 1995, p.515-542. Refs.

0068 734,753
Ziegler, B. *ESS: ein schneller Algorithmus zur Mustersuche in Zeichenfolge*. ESS : a faster algorithm for pattern searches in strings (Orig. de) In: *Informatik: Forschung und Entwicklung* Vol.11, No.2, 1996, p. 69-83.

0069 735
Ekmekcioglu, F.C., Lynch, M.F., Willett, P. *Stemming and n-gram matching for term conflation in Turkish texts* (Orig. en) In: *Information research news* Vol.7, No. 1, 1996, p. 2-6

0070 735
Schinke, R., Greengrass, M., Robertson, A.M., Willett, P. *A stemming algorithm for Latin text databases* (Orig. en) In: *Journal of documentation* Vol.52, No.2, 1996, p. 172-187

74 Grammar problems

- 0071 741
Rolland, M.Th. *Grammatikstandardisierung im Bereich der Sprachverarbeitung*. Grammar standardization for natural language processing (Orig. de) In: Nachrichten für Dokumentation Vol.47, No.5, 1996, p. 287-292. 21 refs.
Specification in which way a comprehensive grammar for a language, in this case the German language, can be developed. This grammar illustrates completely the internal structure of the language and can be used as a standardized basis in different applications, such as construction of query systems and machine translation systems.

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