

# CLASSIFICATION LITERATURE 14(1987)No.3 (87-922 - 87-1352)

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

### Language abbreviations:

bg	Bulgarian	fi	Finnish	pl	Polish
cs	Czech	fr	French	pt	Portuguese
da	Danish	hu	Hungarian	ro	Romanian
de	German	it	Italian	ru	Russian
ee	Estonian	ja	Japanese	sh	Serbo-Croatian
en	English	li	Lithuanian	sk	Slovakian
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57	On Taxonomies in the Econ. & Production Area 7	-
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Divisions of 04, 5, 6, 78, 82, 88 acc. to Information Coding Classification (ICC) described and displayed in Int. Classif. 9(1982)2, p.87-93 and in Int. Classif. & Indexing Bibliogr. I.

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

For reasons of space it was not possible to include the collected bibliographic items of class 7 "Classification and Language". This literature will be listed in the next issue.

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### 01 Bibliographies

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- 87-924 016.77  
Fricke, B. (Comp.): Verzeichnis von Terminologiestandards zur wissenschaftlichen Informationsstätigkeit. (List of terminology standards for scientific information activity) Orig. de. Berlin GDR: Zentralinst.f. Inf.u.Dok. 1985. 21 p., ISBN 3-7362-0002-1
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Open list of indexing vocabularies for the analysis of iconographic documents.

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Dictionary of terms relating to invention, patent-licensing work and patent information. Orig. ru. Moskva, VNIPI 1986. 45p.
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- 87-930 042.1-en-74  
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British Standards Institution: Universal Decimal Classification. English Full Edition: UDC655. Graphic industries, printing, publishing, book trade. London: BSI 1986. 23p., BS 1000(855):1986
- 87-932 042.1-en-872  
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Magyar Szabványügyi Hivatal: Hungarian Full UDC Edition. Class 63: Agriculture, Forestry, Animal Husbandry, Fishing. Orig. hu. Budapest: Szabványboltban, Úllói u.24 1985. 85p., MSZ 16560-85
- 87-933 042.1-hu-76  
Magyar Szabványügyi Hivatal: Hungarian Full UDC Edition. Class 67/673: Precious metal and gem industries. Iron and steel goods. Non-ferrous metal goods other than precious metals. Orig. hu. Budapest: Szabványboltban 1985. 17p., MSZ 16572-85
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Magyar Szabványügyi Hivatal: Betűrendes mutató az ETO 56 Oslé-nytan. 57 Biológia. 58 Növénytan. 59 Állattan. (Index to the classes 56 Paleontology, 57 Biology, 58 Botany, 59 Zoology) Orig. hu. Budapest: Szabványboltban 1985. 111p.

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Subject thesaurus for Bowker Online Databases. Orig. en. New York, NY: R.R.Bowker 1984. 571p., ISBN 0-8352-1889-9  
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Palmer, C.S. (Ed.): GEOREF thesaurus and guide to indexing. 4th ed. Orig. en. Alexandria, VA: American Geological Institute 1986. 512 p., ISBN 0-913312-78-9

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- 87-991 06.87-01-17/19; 122  
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87-992 Dahlberg, I.: Die gegenstandsbezogene, analytische Begriffstheorie und ihre Definitionsarten. (The object-oriented analytical concept theory and its kinds of definitions). - 87-993 Nedobity, W.: Frege's Begriffsschrift aus terminologischer Sicht. (Frege's concept symbolization terminologically considered) - 87-994 Siegrist, L.: Graphically representing associative meaning. - 87-995 Zelger, J.: Philosophische Kontextanalyse. (Philosophic context analysis). - 87-996 Seiler, Th.B.: Begriff von Begriff: Analysen und Konzeptionen von Begriffen in der psychologischen Forschung. (Concepts of the concept: Analyses of conceptions of concepts in psychological research) - 87-997 Becker, J.: Probleme psychologischer Begriffsanalyse (Problems of psychological concept analysis). - 87-998 Doignon, J.-P.; Falmagne, J.-C.: Knowledge assessment: a set-theoretic framework. - 87-999 Lex, W.: Eine Darstellung zur maschinellen Behandlung von Begriffen. (A representation of computerized concept handling). - 87-1000 Wille, R.: Bedeutungen von Begriffsverbänden. (Interpretations of concept lattices) - 87-1001 Duquenne, V.: Contextual implications between attributes and some representation properties for finite lattices. - 87-1002 Ganter, B.: Algorithmen zur Formalen Begriffsanalyse. (Algorithms for a formal concept analysis).
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Snow, B.: CADUCEUS: Medline subheadings: Review and update. Orig.en. Database Vol 9, No 4, 1986. p.79-88

87-1259 65384  
Wagner, G.: The classification of malignant tumors (Editorial). Orig.en. Meth.Inform.Med. Vol 26, 1987. p.67-68, 1 ref.

87-1260 6541  
Gaenko, O.N.; Smirovna, N.V., Zhigalova, L.F.: The information retrieval language of an automated system in traumatology and orthopaedics. Orig.ru. Nauchn.-tekhn.inform., Ser.2, No 3, 1986. p.11-15, 19 refs.

87-1261 656  
Barrett, W.: The EUDISED database and its multilingual thesaurus. Orig.en. In: Congrès sur l'Inform. et la Documentation 77 1985-05-12, Strasbourg, FR 1987. p.310-311

## 66 On CS & T in the Socio Area 6

87-1262 661  
Meredith, S.: New from SA: The thesaurus and revised user aids. Orig.en. In: Online '86 Conf.Proc., Chicago, IL, Nov.4-6, 1986. Weston, CT: Online 1986. p.163-167  
Information on the Thesaurus of Sociological Terms and the User's Reference Manual to help searchers use both Sociological Abstracts and Social Planning/Policy and Development Abstracts databases.

87-1263 662  
Davidović, B.: Thesaurus of the information system of the Federal Executive Council (FEC). Orig.sh. Informatika Vol 20, No 1, 1986. p.27-32, 6 refs.

87-1264 6652  
Janik, S.: Thésaurus: personne handicapée, outil de coordination des services documentaires spécialisés. (Thesaurus for handicapped people: Management device for specialized documentation services) Orig.fr. Doc.bibl., Can. 33(1987)No 1, p.11-7

87-1265 669  
Dippold, P.: A few peculiarities of classification and information in historical disciplines. Orig.hu. Könyvt.figy. Vol. 32, No 4, 1986. p.377-385

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

87-1266 6822 5  
Lekae, A.V., Zvozhevskij, O.A.: Principles of building a language for representing and processing graphic data. Orig.ru. In: Avtomatiz.khim.pr-v.Moskva, SU 1986. p.145-149  
Outlines existing machine graphics software and main drawbacks. States graphic object specification requirements. Provides a description of a picture with the developed language.

87-1267 6822 54  
Van Snellenberg, H.: A comprehensive classification system for cartographic information. LIBER Bull. No, 28 1986. p.40-44

87-1268 6825  
Das Sacherschließungsmodell der Institutsbibliothek des Deutschen Bibliotheks-instituts. (The subject indexing model of the Library of the German Library Institute) Orig.de. Bibliotheksdienst Vol 20, No 11, 1986. p.1060-1061

87-1269 6828  
Richard, P.: Le système descriptif des affiches au musée des arts et traditions populaires. (The descriptive system for posters at the Popular Art and Traditions Museum) Orig.fr. Doss.Tech.Bibl.Publique Inform., No 3, 1986. p.88-90

87-1270 6838-529  
Chandler, J.L.: A proposal to the ASTM Committee for Medical Informatics for building a scientific thesaurus. Orig.en. J.Clinical Computing Vol 15, No 2-3, 1986. p.64-83

## 69 On CS & T in the Humanities Area 9

87-1271 6918  
Zhurinskaya, M.A.; Novikov, A.I., Yaroslavtseva, E.I.: Encyclopaedic description of languages: theoretical and applied aspects. Orig.ru. Moskva, SU: Nauka 1986. 207p.

87-1272 6918  
Michel, H.: Essai de mise en place d'un vocabulaire contrôlé d'une partie du fonds du Commissariat général de la langue française. Thème: français, francophonie. (Test for the implementation of a thesaurus concerning the French language and the French-speaking population for the indexing part of the holdings at the General Secretariat for the French Language) Orig.fr. Paris: Conserv.Natl.Arts Métiers. Mém.I.N.T.D. 1986. 222p.

87-1273 6984  
Posner, M.W.: Towards improved subject analysis on the Holocaust in the synagogue and school library. Orig.en. Judaica Librarianship Vol 2, No 1-2, 1985. p.49-54

## 7 CLASSIFICATION AND LANGUAGE

We had to omit this section because of missing space. The references will be presented in the next issue.

## 8 APPLIED CLASSING AND INDEXING (C & I)

### 81 General Problems of Applied C & I

See also 87-1170

87-1274 811  
Carneiro, M.V.: Guidelines for an indexing policy. Orig. pt. Rev.Esc.bibliotecon.Univ.Fed.Minas Gerais Vol 14, No 2, 1985. p.221-241, 12 refs.

An indexing policy must consider the organisation of an information service, user identification, human and material resources restricting the operation of an IR system. Elements of an indexing policy to be considered are: subject coverage, selection and acquisition of documents, search strategies, output formats, time lag, etc.

87-1275 812  
Beck, H.: Der Katalog und die Theorie. Oder ist Ordnung eine halbe Philosophie? Über Jean Perreaults Vorlesungen "The Idea of Order in Bibliography". (Cataloguing theory) Orig.de. Zbl.Bibl.wes. Vol 100, No 11, 1986. p.504-508, 4 refs.

87-1276 812  
Beck, H.: The catalog and the theory, or: is order almost a philosophy? On Jean Perreault's Lectures "The idea of order in Bibliography". Orig.en. Int.Classif. Vol 14, No 2, 1987. p.101-103, 7 refs.

87-1277 812  
Palmer, J.W.: Subject authority control and syndetic structure - myth and realities. An inquiry into certain subject heading practices and some questions about their implications. Orig.en. Cataloging & Classif.Quart. Vol 7, No 2, 1986. p.71-95, 11 refs.

87-1278 812  
Pogorelova, V.A.: Classed catalogue: problems of methodology. Orig.ru. Sov.bibliotekoved., No 5, 1986. p.39-47, 21 refs.

87-1279 812  
Suvorova, V.P.: Operating peculiarities of the subject catalogue in special research libraries. Orig.ru. Predmet.póisk v tradits.i netradits.inform.-póisk.sistemakh, No 6, 1986. p.53-69, 19 refs.

87-1280 812  
Tsvetkova, I.B.: The general and the particular in subject catalogues. Orig.ru. Predmet.póisk v tradits.i netradits.inform.-póisk.sistemakh, No 6, 1986. p.40-52, 19 refs.

87-1281 812.75  
Bates, M.J.: Subject access in online catalogs: A design model. Orig.en. J.ASIS Vol 37, No 6, 1986. p.357-376, 81 refs.  
Three design principles are presented and discussed: Uncertainty (subject indexing is indeterminate and probabilistic beyond a certain point), Variety, and Complexity. Design features are an Access phase, a hunting, and a selection phase.

87-1282 812.75  
Markey, K. (Issue Editor): Public Access Online Catalogs. Orig.en. Library Trends Vol 35, No 4, 1987. ca 120p.  
With an introduction by Karen Markey (p.523-526) the issue includes the following eight papers:

87-1282a Beckman, M.: Online catalog development at the University of Guelph. - 87-1282b Logan, S.J.: The Ohio State University's Library Control System: From circulation to subject access and authority control. - 87-1282c Matthews, J.R.: Suggested guidelines for screen layouts and design of online catalogs. - 87-1282d Nielsen, B.; Baker, B.: Educating the online catalog user: a model evaluation study. - 87-1282e Kalin, S.W.: The invisible users of online catalogs: A public services perspective. - 87-1282f Lipetz, B.-A.; Paulson, P.J.: Study of the impact of introducing an online subject catalog at the New York State Library. - 87-1282g Kinsella, J.; Bryant, Ph.: Online public access catalog research in the United Kingdom: An overview. - 87-1282h Walker, St.: OKAPI: Evaluating and enhancing an experimental online catalog.

87-1283 812.753  
Frost, C.O.: Faculty use of subject searching in card and online catalogs. Orig.en. J.Academic Librshp Vol 13, No 2, 1987. p.86-92, 19 refs.  
A survey of 196 faculty members from the humanities and the social sciences at an academic research library focused on the use of subject searches in card and online catalogs.

87-1284 812.753  
Lewis, O.W.: Research on the use of online catalogs and its implications for library practice. Orig.en. J.Academic Librshp Vol 13, No 3, 1987. p.152-57, 32 refs.

87-1285 814  
Beaujean, M.; Galsterer, B.: Das Jahr der Sacherschließung. Drei neue Veröffentlichungen. (The year of subject analysis. Three new publications) Orig.de. Buch u.Bibliothek Vol 39, No 4, 1987. p.349-350, 4 refs.

87-1286 814  
Beck, H.: Book review of: Ahlheim, D.: Regeln für den Schlagwortkatalog in Staatlichen Allgemeinbibliotheken. Berlin, DD: Zentralinst.f.Bibl.wes.1985. 92p. (Rules for the subject catalogue in governmental public libraries) Orig.de. Bibliothekar (GÖR) Vol 41, No 4, 1987. p.189-191, 4 refs.

87-1287 814  
Galsterer, B.: Oberlegungen zur Arbeit mit RSWK an Öffentlichen Bibliotheken. (Considerations concerning the work with RSWK (Rules for the Subject Headings Catalogue) at public libraries) Orig.de. Buch u.Bibliothek Vol 39, No 9, 1987. p.788-

87-1288 819  
Hahn, G.: Die historischen Komponenten des Katalogsystems der Bibliothek des Deutschen Bundestages. (The historic parts of the catalogsystem of the German Federal Parliament Library) Bibliothek. Forsch. u. Lehre 11(1987)No 1, p.49-72, 112 refs.

87-1289 819  
Vollmer, G.: Der Hamburger Fachkatalog - Eigenart und Geschichte. Zum 40. Jahrestag des Vortrags von Hans Sveistrup. (The Hamburg Subject Catalogue - its peculiarity and its history. Commemorating the 40th Anniversary of H.Sveistrup's lecture) Orig.de. Auskunft Vol 7, No 2, 1987. p.124-135, 4 refs.  
Background - the Operation-Classification - Development of the catalog since 1959 - Closure.

87-1290 818  
Fedorova, A.Ya.: The structure and peculiarities of subject indexes to INION'S information publications. Orig.ru. Predmet.póisk v tradits.i netradits.inform.-póisk.sistemakh Vol 6, 1986. p.119-125, 9 refs.

87-1291 818  
Chelobanova, S.P.: Subject catalogue operation in the N.K. Krupskaya Provincial General Research Library Astrakhan. Orig.ru. Predmet.póisk v tradits.i netradits.inform.-póisk.sistemakh, No 6, 1986. p.109-118, 9 refs.

### 83 Title C & I

87-1292 832  
Khanzhin, A.G.: The theme, the title and the indexing. Orig.ru. Nauchn.-tekh.inform., Ser.2, No 7, 1986. p.22-27, 22 refs.

87-1293 832  
Pashenko, N.A.; Strukulenko, T.S.: Evaluating the informativeness of lexical units of titles and abstracts from the viewpoint of automatic indexing. Orig.ru. Vopr.inform.teorii i prakt., No 53, 1985. p.119-134, 26 refs.  
Review of studies concerned with estimating the informativeness of document titles and lexical units. Proposes a definition of the concept "informativeness". The results of an online search in the informatics database and computer engineering based on real inquiries are compared with the results of the study. Use was made of recall and precision ratios as well as LU relevance and information value. A correlation was established between these coefficients which ensures their interchangeability in estimating LU informativeness.

87-1294 832  
Pshenichnaya, L.E.: A model for representing the meaning of the title through the full text of a scientific document. Orig.ru. In: Sozдание avtomatizir.sistem informats.obespech.nauch.issled. Kiev, SU 1986. p.38-46, 4 refs.

87-1295 833  
Rajendran, P.P.: Enriched title-based keyword index generation using dBase 2. Orig.en. Microcomputers for Information Management Vol 3, No 4, 1986. p.297-314, 14 refs.  
A special collection of news items has been indexed using enriched title-based keywords (ETKW), generated by general purpose software.

87-1296 838-366  
Deshmukh, G.R.: Title analysis of soil conservation periodical literature. Orig.en. J.Lib. & Inform.Sci. Vol 11, No 1, 1986. p.61-66, 2 refs.  
The study was accomplished on the basis of the Indian Journal of Soil Conservation.

### 84 C & I of Primary Literature (Except 85)

87-1297 8428-522  
Indexing patents of pharmaceutical composition in online databases. Orig.ja. Zyoho kanri Vol 28, No 9, 1985. p.787-802  
Analysis of the state of the art in patent indexing by sources for the period 1970 through 1979. The following databases were searched with a query on amoxicillin: WPI, CA, CLAIMS, USP and PATOLIS. The results are analyzed and reasons for missing results are explained.

87-1298 842  
Dorler, P.A.: How to index a polymer patent and why. Orig.en. Chem. Inform.Bull. Vol 38, No 1, 1986. p.28

87-1299 844  
Baldacci, M.B.; Lopriore, A.: Uno schema concettuale per la rappresentazione dei periodici. (A conceptual scheme for the description of periodicals) Orig.it. Bol.Inform.Assoc.Ital. Bibl. Vol 26, No 1, 1986. p.27-35, 3 refs.

87-1300 844  
Semonco, B.P.: Newspaper indexing: In search of a solution. Orig.en. Collect.Build. Vol 7, No 4, 1986. p.24-28

87-1301 844  
Wall, C.: Newspaper indexing: Using an IBM mainframe computer and a text-formatting program. Orig.en. Inform.Technol.Lib. Vol 6, 1987. p.34-39

87-1302 844  
Vilnins, R.: Local newspaper indexing project. Orig.en. Illinois Libr. Vol 69, 1987. p.64-68

87-1303 847  
Elstner, V.; Groß, R.; Hartmann, J.: Stand und Probleme der Effektivierung des Erschließungsprozesses. (State and problems of improved effectiveness of the subject analysis process) Orig.de. Archivmitt. Vol 37, No 3, 1987. p.101-105, 20 refs.

87-1304 847  
Saint-Jouan, R.de: Peut-on mesurer le classement des archives? (Can one measure the classification of archives?) Orig.fr. Gaz.arch., No 129, 1985. p.125-136  
The quantity of information contained in archive collections

can be measured not by the information contained in documents but by the information which can be derived from classifications developed by archivists. The result is dependent on the number of documents in a collection. Two formulas are proposed.

87-1305 847  
Smith, D.R.: A Mickey Mouse index: Indexing and cataloguing in the Walt Disney Archives. Indexer Vol 15, No 3, 1987. p.154-6

87-1306 848-62  
Found, Ph.E.: Indexing a government journal. Orig.en. Indexer Vol 15, No 3, 1987. p.151-153

The index to the monthly journal "Survey of Current Affairs" (SCA) which gives background information on British Government policy and current news (with some 410 pages annually and 24-52 per issue) is described.

## 86 C & I of Secondary Literature

87-1307 864  
Garfield, E.: History of citation indexes for chemistry: a brief review. Orig.en. Curr.Contents/Phys., Chem. & Earth Sci. Vol 26, No 6, 1986. p.4-9, 25 refs.

87-1308 864  
Garfield, E.: Retrospective and current citation indexes for chemistry and other disciplines. Orig.en. Curr.Contents/Phys., Chem. & Earth Sci. Vol 26, No 6, 1986. p.3-4, 7 refs.

At present the ISI is developing the Chemistry Citation Index designed to identify the core chemical literature from 1978 to 1983. It will serve as the basis for the chemistry section of the ISI "Atlas of Science".

87-1309 864  
Petrashenko, R.V.; Solov'ev, N.S., Tuzanovich, N.N.: Analysis of citations in invention descriptions: A way to identify patterns in the formation of new knowledge. Orig.ru, transl. into en. Scient. & Techn. Inform. Process. 11(1985)No 4, p.77-79, 4 refs., (Nauchn.-tekhn. Inform., Ser.1, 11(1984)No.8, p.27-29)

In invention descriptions the significance of preceding inventions is evaluated in terms of the number of citations to them. By identifying base inventions, the patterns of their distribution over time and the relative value of inventions with different numbers of citations can be established. For this, the indexes of citations to inventions (of US patents) relating to grain harvesting machinery, cutter loader driving combines, search and exploration of mineral deposits using methods of nuclear physics, geophysics, borehole geoaoustics, and geochemistry were analyzed.

87-1310 864.258  
Sharabchiev, Yu.T.: Application areas, general principles and methodology of citation cluster analysis. Orig.ru. In: Inform. i naukov. v med.. Minsk, SU 1985. p.3-18, 24 refs.

## 87 C & I on Non-Book Materials

See also 87-1048 - 87-1057, 87-1230, 87-1334

87-1311 87  
Markey, K.: Subject access to visual resources collections: A model for the computer construction of thematic catalogs. Orig.en. Westport, CT: Greenwood 1986. 189p., New Directions in Inform. Management, No.11, ISBN 0-313-24031-0  
Step by step method of describing the subject content of visual images and of incorporating those descriptions into a computer produced thematic catalog to enable untrained users to gain access to all types of visual resources collections.

87-1312 87  
Neumann, B.; Novak, H.-J.: NAOS: Ein System zur natürlchsprachlichen Beschreibung zeitveränderlicher Szenen. (NAOS: a natural language system for the description of time-dependent scenes) Orig.de. Inform.Forsch.u. Entwicklung Vol 1, No 2, 1986. p.83-92, 21 refs.

Description of an approach to problems of graphic information representation and understanding in natural language. The NAOS system can manipulate geometric information descriptions in natural language. Tools for description of dynamic changes undergone by the scenes being represented are described and the concept of joint representation of structures and time-dependent graphic information in natural language is examined.

87-1314 872  
Adorni, G.; Di Manzo, M., Giunchiglia, F.: From description to images: what reasoning in between? Orig.en. In: Adv. Artif. Intellig. Amsterdam, NL 1985. p.139-148, 19 refs.

Results of the development and experimental testing of the NALIG system (an image generator driven by the natural language) are presented. It is able to describe static scenes for which sets of simple phrases of the "subject-preposition-object" kind are used. Images are generated in three stages. As a result a list of objects with specification of their positional coordinates, actual sizes, orientation in the three-dimensional form is obtained.

87-1315 872  
Albige, M.L.: Le traitement de l'image à la B.P.I. (Image processing at the B.P.I.) Orig.fr. Doss. Techn.-Bibl. Publique Inform., No 3, 19867. p.84-87

87-1316 872  
Maitree, K.; Tanaka, M., Ichikawa, T.: A knowledge-based system organization for image data retrieval. Orig.en. Mem. Fac. Eng. Hiroshima Univ. Vol 9, No 2, 1986. p.11-22, 6 refs.

87-1317 876  
Classification. Orig.en. In: Larsgaard, M.L.: Map Librarianship. 2nd ed. Metuchen, NJ: Libraries Unlimited 1987. p.82-120

87-1318 876  
Kasahara, Y.; Tsurutani, T.: Idea representation in thematic map design. Orig.en. NEC Res. & Dev., No 80, 1986. p.28-37, 12 refs.  
Problems of computer-based processing of topographic maps are considered, namely 1) too detailed information or its superfluous scope, 2) differences in statistical values for areas covered with maps disagree with intentions of their designers, 3) unsuitability of a material presentation form or an improper colour selected. A system is described that allows statistical data to be processed in designing maps, the so-called "histogram interface".

87-1319 877; 847  
Medvedeva, G.A.; Golovkina, T.A.: Description and indexing of sound recordings in establishing an automated IR system covering documents of the State Archives Collection of the USSR. Orig.ru. Sov. arkhiv, No 6, 1986. p.48-50

87-1320 877; 847  
Trumpp, Th.; Sirowatka, K.: Zur Ordnung, Verzeichnung, Erhaltung und Restaurierung von Tonaufzeichnungen in Archiven. (On the order, registration, maintenance and restoration of sound records in archives) Orig.de. Archivar 40(1987)No 2, Sp.225-44

87-1321 879  
Roan, S.J.; Aggarwal, J.K., Martin, W.N.: Multiple resolution imagery and texture analysis. Orig.en. Pattern Recognition Vol 20, No 1, 1987. p.17-31, 11 refs.

87-1322 879  
Zhang, Zh.; Simaan, M.: A rule-based interpretation system for segmentation of seismic images. Orig.en. Pattern Recognition Vol 20, No 1, 1987. p.45-53, 19 refs.

87-1323 879  
American Library Association: Guidelines on subject access to microcomputer software. Orig.en. Chicago, IL: Amer. Libr. Assoc. 1986. 27p., ISBN 0-8389-0452-1

Topics discussed include access to the record, adequacy of standard subject headings and classification. Included are as well a selected list of subject headings, sources for new subject headings, LCC and DDC numbers, and examples of subject analysis of microcomputer software.

## 88 C & I in Subject Fields

(Division by subject areas - as in class 6)

87-1324 88-124  
Arz, J.: TRICON: Ein System für geometrische Konstruktionen mit natürlich-sprachlicher Eingabe. (TRICON - a system for geometrical constructions with natural-language input) Orig. de. Inform.-Fachber., No 114, 1985. p.113-123, 4 refs.

The system's architecture comprises three modules: TRICANA - analysis, programming and evaluation; TRIMOD - geometrical model implementation; TRIPILOT - geometrical construction execution. Discussion of the principles of semantic-pragmatic analysis and natural-language programming as applied to the categories of the Euclidean geometry. The system was developed for the Siemens BS 2000 computer. TRICON employs the Watanabe MP1000 plotter, offering a six-colour capability.

87-1325 88-23  
Lustig, G.: Zur Pilotanwendung AIR/PHYS der automatischen Indexierung. (Pilot operation of the AIR/PHYS automatic indexing system) Orig.de. Inform.-Fachber., No 114, 1985. p.191-202, 18 refs.

87-1326 88-26  
Massiah, Th.F.: How to store and retrieve technical articles. Orig.en. Chem. Eng. Vol 92, No 17, 1985. p.71-72  
Description of a method for classing articles on chemistry using a three letter and 6 digits code. Each letter and digit of the code has been given a specific meaning.

87-1327 88-265  
Brunvoll, J.; Cyvin, B.N., Cyvin, S.J.: Enumeration and classification of coronoid hydrocarbons. Orig.en. J. Chem. Inform. Comput. Sci. Vol 27, No 1, 1987. p.14-21, 22 figs., 36 refs.  
A detailed report is given on a classification of coronoids up to h=11. (h = number of hexagons).

87-1328 88-37  
Turner, W.A.: Les programmes LEXIMAPPE/CARTINDEX. Orig.fr.  
Cah.doc. Vol 40, No 2, 1986. p.54-67

87-1329 88-416  
Mikhajlovskij, E.M.; Avidon, V.V.: The usefulness of nosological terms in a chemical information language: an appraisal. Orig.ru. Nauchn.-tekhn.inform., Ser.2, No 5, 1986. p.24-29

87-1330 88-519  
Davis, M.: Indexing of Australian literature on women and gender and on issues affecting women's lives. Orig.en. Australian Libr.J. Vol 36, No 1, 1987. p.5-11, 6 refs.

87-1331 88-665  
Denno, D.W.: Indexing of interdisciplinary literature on violence, and mental disorder. Orig.en. J.Inform.Sci. Vol 13, No 2, 1987. p.117-122, 6 refs.

87-1332 88-76  
Materialkatalogisierung und Umweltschutz. (Product cataloguing and environmental protection) Orig.de. Materialamt der Bundeswehr. Informationen, No 17, 1987. p.2-3  
Introduction into the problems of describing the kind and degree of danger which certain substances, parts, objects, etc. imply by their characteristics. A sample catalogization is provided.

87-1333 88-83  
Chukovenkov, A.Yu.: The classification of terms as a basis for the improvement of the terminology in the field of analyses of documents originated by means of computer techniques. Orig.ru. Sovetskije Archivi, No 5, 1985. p.20-28, 24 refs.

87-1334 88-923  
Harris, K.: Indexing a special visual image collection. Orig.en. Catalogue & Index Vol 21, No 83, 1986. p.6-8, 2 refs.  
Report on a system for access to the visual image collection at the Dickens House Museum, London. (System requirements, "Esoteric" and "manifest" concepts, Style of entries, Citation order, Further considerations).

## 9 CLASSIFICATION ENVIRONMENT

### 92 Persons and Institutions

See also 87-1217

87-1335 922  
Miksa, F.L.: Melvil Dewey: the professional educator and his heirs. Orig.en. Libr.Trends 34(1986)No 3, p.359-381, 44 refs.

87-1337 922  
Satija, M.P.: Sources of research on Ranganathan. Orig.en. Int.Lib.R. Vol 19, 1987. p.311-320

87-1338 924  
Reihlen, H.: (Laudatio zur Verleihung des Carl-Walther-Preises an Herrn A.-F. Schmidt). (Homage to Mr.A.-F.Schmidt at the occasion of being presented the Carl-Walther Award) Orig.de. DK-Mitt. Vol 31, No 1, 1987. p.2-3

87-1339 925  
Dahlberg, I.: Annual Reports: FID/CR - Classification Research. Orig.en. FID News Bull. Vol 37, No 3, 1987. p.20

87-1340 925  
Afolabi, M.: A sociological study of two classification research groups. Libr.Sci.Slant Doc. 2(1985)No.2, p.77-85, 8refs.  
Attempt to apply Mullin's properties of theory groups to two bibliographic classification research groups: The CRG (Classification Research Group (England) and the Bangalore Documentation Research Group (India). It was found that both groups meet the properties and can be appropriately described as theory groups. (Author)

87-1341 925 JA  
A Japanese large-scale research and development project combining terminology and knowledge engineering. Orig.en. TermNet News, No 16, 1987. p.7-8

On April 26, 1986, the Japan Electronic Dictionary Research Institute Ltd. was established as a large-scale research and development project in the form of a company in Tokyo. The functions of the enterprise were defined as follows: 1) to produce computer software (programs and a database) which can be used as a dictionary to perform research into systems utilizing such a dictionary, 2) to licence industrial ownership of the products in item 1 and to licence "know-how", including the copyright for the computer program.

87-1342 925  
TermNet Partners. Orig.en. TermNet News, No 16, 1987. p.10-20  
Under this heading, a number of institutions are listed together with their specialties and activities, such as: Le Centre de Terminologie de Bruxelles (C.T.B.), China National Committee for Unifying Natural Science and Technology Terms, Departamento de Construcciones Arquitectonicas e I.C.T., Food and Agriculture Organisation of the United Nations (FAO), INS Corporation Japan, INTERMIN (of the USSR), The Japanese Committee for Medical Terminology, Shanghai Lexicographic Publishing House, Tamil University (South India), and the Technical Terminology Division at Warsaw.

ther with their specialties and activities, such as: Le Centre de Terminologie de Bruxelles (C.T.B.), China National Committee for Unifying Natural Science and Technology Terms, Departamento de Construcciones Arquitectonicas e I.C.T., Food and Agriculture Organisation of the United Nations (FAO), INS Corporation Japan, INTERMIN (of the USSR), The Japanese Committee for Medical Terminology, Shanghai Lexicographic Publishing House, Tamil University (South India), and the Technical Terminology Division at Warsaw.

### 93 Organisation on a Natl. & Internatl. Level

See also 87-1200

87-1343 934  
Podvin, V.: Information-search languages in the network of the international system of scientific and technical information. Orig.ru. Probl.inform.system, No 1, 1986. p.64-68

87-1344 934  
Bielicka, L.A.; Paciejewski, J., Scibor, E.: Classification and indexing languages in Poland (1974-1986). Pt.1 and Pt.2. Orig.en. Int.Classif. Vol 14, No 1 and 2, 1987. 1: p.23-28, 11: p.85-89, 101 refs.  
The report describes the state of research and development in the following seven chapters: 1) General problems of indexing languages, 2) Structure of indexing languages, 3) Indexing and information retrieval, 4) Classification systems, 5) Subject heading languages, 6) Descriptor languages, 7) Other indexing languages.

87-1345 935  
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