CLASSIFICATION LITERATURE

3(1976) No. 2 (1873–2200)

The outline of the following survey of recent literature in the field of classification was published in Intern. Classificat. 2(1975) No. 2, p. 125. We would appreciate receiving preprints and reprints from the authors in order to deliver a quicker service on new publications in our field. An author and subject index of vols. 1–3 will be provided with No. 1 of 1977.

0 Form Divisions

01 Bibliographies

1873 Hobart, A. E. L. (Comp.): **Dewey Decimal Classification since 1971: a reading list.** Albany, N. Y.: Forest Press 1976. 16 p.
Compiled for the delegates to the European Centenary Seminar on the Dewey Decimal Classification. It lists 78 titles on Dewey or the DDC that have appeared since 1971, the issue year of the last, the 18th edition. Author and subject index.

1874 Kämpfer, M.: **Generation of indexes.** (Erstellen von Registern) (In German) Bonn: Bundesanst. f. Vegetationskunde, Naturschutz u. Landschaftspflege 1976. 11 p., 107 refs.
Lists alphabetically 107 references from 1948–1976.

1875 Larsen, P. S. (Comp.): A **bibliography of PRECIS.** Aalborg: The Royal School of Librarianship 1976. 33 p.
66 Titles in chronological order, starting 1970 with D. Austin's paper: 'Subject retrieval in UK MARC' and ending with his contribution 'Citation order and linguistic structure' for the John Metcalfe-Festschrift (in print). Each title (of D. Austin or others) is supplemented by an abstract, if available e. g. from Library and Information Science Abstracts (LISA).

03 Dictionaries, Terminologies

1876 Jolley, J. L.: **The terminology of coordinate indexing.** Draft definitions. In: Aslib Proc. 28(1976) No. 3, p. 120–128
A core of standard terminology of this subject is proposed by the Coordinate Indexing Group of Aslib.

1877 **PRECIS. Multilingual terminology.** London: The British Library. Bibliographic Services Div., Subject Systems Office 1975. VI, 52 p.
Meant as an aid for the discussion or teaching of PRECIS, some guidelines for the translation of PRECIS terminology are given as well as the terms to be used themselves in English, German and Danish for each language in alternating arrangement.

1878 Rolling, L.: **Concerning Thesaurus Terminology – II.** In: Intern. Classificat. 3(1976) No. 1, p. 37–39
21 definitions of thesaurus-related terms in the languages English, French and German.

1879 Wersig, G., Neveling, U. (Comp.): **Terminology of documentation.** (Title also in F, D, R, S). Paris: Unesco; München: Verlag Dokumentation 1975. 274 p. DM 55,–, ISBN 92-3-001232-7 (Unesco), ISBN 3-7940-515--5 (Verlag Dokumentation)
1200 terms in systematic/alphabetical arrangement with equivalents in French, German, Russian and Spanish and with a definition in English as well as indications of relationships of a term as e. g. RT, BT, NT. Many classification relevant terms may be found in the divisions: 1. Basic aspects and 3. Activities in information and documentation.

04 Classification Systems and Thesauri

042 Universal Decimal Classification, UDC

Classificação decimal universal. Edição media em lingua portuguesa. Rio de Janeiro: Instituto Brasileiro de Informação em Ciência e Tecnologia 1976. 3 vols. (= FID 541)
Vol. 1 contains the tables, vol. 2 the computer-printout of the index A-INVI, vol. 3 the continuation INVO-Z. "Edição comemorative do centenario da primeira edição da classificação decimal de Dewey."

1881 **Classificazione decimale universale.** Edizione completa italiana. Classe 1: Filosofia. Psicologia. In: Note Bbg. Document. Sci. (1974) No. 20, p. 3–58

1882 **Classificazione decimale universale.** Edizione completa italiana. Classe 65: Conduzione dell'azienda e organizzazione nell'industria e nel commercio. Communicazioni. In: Note Bbg. Document. Sci. (1974) No. 21, p. 1–105

1883 **Classificazione decimale universale.** Edizione completa italiana. Classe 61: Medicina. In: Note Bbg. Document. Sci. (1974) No. 22, p. 1–327

1884 Deutscher Normenausschuß: **DK Dezimalklassifikation. Hilfstafeln.** (Auxiliary tables, 2nd German Full Ed., 8th Intern. Ed.) (In German). Berlin: Beuth Verlag 1974. 124 p. = FID 297
Corresponds to the updatings of the UDC in Extensions and Correlations to the UDC, Ser. 8, No. 5.

043 Dewey Decimal Classification, DDC

1885 **Dewey Decimal Classification. Centennial 1876–1976.** Facsimile reprinted (of) "A Classification and Subject Index for Cataloguing and Arranging the Books and Pamphlets of a Library. Amherst, Mass. 1876". Albany, N. Y.: Forest Press Div. of Lake Placid Education Foundation 1976. 44 p.
Reprint of M. Dewey's first edition with his "Preface", "Explanations" and "Subject Catalogue".

044 Library of Congress Classification, LCC

1886 Library of Congress. Subject Cataloging Div.: **LC Classification Outline.** 3rd ed. Washington, D. C. Library of Congress 1975. 25 p.

1887 **LC Classification. Class G,** Geography, Maps, Anthropology, Recreation. 4th ed. Washington, D. C.: Library of Congress 1976. 435 p., $ 15,–

1888 **LC Classification.** In: Catalogg. Serv. Bull. (1976) No. 116, p. 6–8

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Recent modifications in the praxis of the Library of Congress Classification: cataloguing of countries, cataloguing of serial publications.

046 Colon Classification, CC

1889 Seetharama, S.: **Human digestive system:** depth classification version of CC. In: Libr. Sci. Slant. Doc. 12 (1975) No. 1, p. 17–26, 9 refs.
Definitions. Schedule of Isolates. Notation. Index. Schedule. Examples.

1890 **Bibliothekarisch-bibliographische Klassifikation.** Tafeln für wissenschaftliche Bibliotheken. Bd. 14, Teil 2: Geschichte der UdSSR. (History of the USSR). Berlin-O: Methodisches Zentrum f. wiss. Bibliotheken 1974. 307 p.
German translation of the Russian BBK, vol. 14, pt. 2: History of the USSR.

1891 **Tables of library classification for children's libraries.** 3rd ed. (In Russian). Moscow: Kniga 1974. 140 p.

04–1/9 Special Classification Systems – Subjects (order follows the divisions as given in I.C. 75–1, p. 36)

1892 **INIS Thesaurus.** Wien: International Atomic Energy Agency 1976. 673 p., $ 20,–, = IAEA-INIS-13 (Rev. 10)

1893 **Energy Microthesaurus** – a hierarchical listing of energy indexing terms used in the NTIS data base. Springfield, Va.: National Technical Information Service 1975. 42 p. = NTIS:COM-75-11100; NTIS/SR-75/03.

1894 **ERDA. Energy Information Data Base. Subject Categories.** Energy Research and Development Administration. Technical Information Center 1976. 51 p. = TID-4584
Categories with scope notes and correlation numbers to the subject categories within Nuclear Science Abstracts and Atomindex (INIS) for use in bibliographies and abstracting journals as well as for searching in the on-line system RECON.

1895 **INSPEC Thesaurus 1975.** London: Institute of Electrical Engineers 1975. X, 427 p.
Alphabetical, hierarchical and classified display of 4330 terms. (Revised and amended version of the first one from 1973.)

1896 **Index General du Vocabulaire Electrotechnique International**/General Index of the International Electrotechnical vocabulary. Geneva: Commission Electrotechnique Internationale 1975. 744 p., SFr 90.00
This F-E, E-F index to the International Electrotechnical Vocabulary (I. E. V.) contains about 11 000 terms, each with an equivalent in the other language and to be found from any of its significant constituent words in order to facilitate access to the various terms of the I. E. V.

1897 **NASA Thesaurus,** 1976 edition. Washington, D.C.: National Aeronautics and Space Administration 1976. 2 vols. = NASA SP 7050; vol. I, $ 15,–, vol. 2, $ 8.50
Vol. I contains 18 403 terms in alphabetical order, vol. 2, access vocabulary, contains 35 801 entry terms for multiple access to the NASA terminology.

1898 **Thesaurus Geowissenschaften.** (Thesaurus for the Geosciences). (Thesaurus German-French). Hannover: Bundesanst. Geowiss. u. Rohstoffe 1975. 114 p.
Trilingual Thesaurus, German-French-English prepared by the Bundesanstalt für Geowissenschaften und Rohstoffe, the Bureau de Recherches Géologiques et Minières and the CNRS. Contains arrow-diagrams, a classification of 19 thematical areas, rules for application and an alphabetical list of the descriptors.

1899 Centre National de Documentation et d'Information sur l'Eau: **Thesaurus National Eau.** (National Water Thesaurus) (In French) Paris: Association Franç. pour l'Etude des Eaux (AFEE) 1975. 84 p.

1900 **API Thesaurus, 13th ed.** Washington, D. C.: Amer. Petrol. Institute 1976. 494 p.
Main part in alphabetical arrangement with a total of 5 284 valid terms. Special lists for new indexing terms, dropped terms, special use terms and a hierarchical list of ten main categories.

1901 **Groupement de Documentation des Industries Extractives.** Classification des fiches analytiques. (In French). Paris: CERCHAR 1976. 41 p.

1902 Delobez, A., Paré, S.: **Thesaurus Géographie du Commerce.** (In French) Paris: Centre National de la Recherche Scientifique 1975. 48 p.

1903 **Thesaurus. Géographie industrielle.** (In French). Paris: Serv. Doc. Cartogr. Géogr. 1976. 78 p., 4 refs. ISBN 2901 560017. CNRS.

1904 Brodauf, H.: **Documentation language and descriptor list for the Thesaurus of Veterinary Medicine.** (In German). Hannover: Tierärztliche Hochschule. Institut für Statistik und Biometrie 1976. 125 p.
Thesaurus of 1500 descriptors in systematical and alphabetic arrangement. A numerical notation is used, comprising four numbers for each descriptor.

1905 **International Histological Classification of Tumours of Domestic Animals. Pt. 1.** In: Bull. World Health Org. 50 (1974) No. 1–2, 142 p. (Sw. fr. 18,–).

1906 Kolbe, H. L., Bergman, R. F.: **Population/Fertility Control Thesaurus.** Washington, D. C.: The George Washington University. Department of Medical and Public Affairs 1976. 243 p.
Based on the Medical Subject Headings (MeSH) categories of the National Library of Medicine the thesaurus is presented in four sections: an alphabetical list, a descriptor list, a category list and a hierarchical list.

1907 **International Histological Classification of Tumours.** (Separate editions in E, F, S and some in R). Geneva: World Health Organization 1967–1976.
So far 16 books of this classification for different kinds of tumours have been issued containing the proposed nomenclatures, definitions and classifications, together with descriptive notes. The histological types are illustrated by colour photomicrographs and by a collection of 35-mm colour transparencies.

1908 National Library of Medicine: **Medical subject headings – tree structures 1976.** Springfield, Va.: National Techn. Inform. Serv. 1975. 442 p. = PB 243900
Hierarchical arrangement of the medical subject headings presently in use. An annotated alphabetical list is announced as PB-243901.

1909 Institut für Krankenhausbau, TU Berlin; Deutsches Krankenhausinstitut Düsseldorf: **Thesaurus Krankenhauswesen** (Th. on hospitals) 3rd rev. ed. (In German) Berlin-W: Techn. Univ., Inst. f. Krankenhausbau 1975. 190 p.
Alphabetical main part with 3 365 terms of which 1 048 are descriptors. The systematic part lists only descriptors in special fields in alphabetical sequence, as well as field-free descriptors.

1910 Dokumentationsring Pädagogik (DOPAED): **Thesaurus Pädagogik.** Supplement 2: Information and Dokumentation. Berlin;W: Pädagogisches Zentrum 1974. 32 p. = DOPAED-Materialien 10
Alphabetical list of descriptors and non-descriptors and systematic sorting into six subject categories.

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1911 **Thesaurus of ERIC Descriptors.** With a special chapter on the role and function of the thesaurus in education. 5th ed. New York: Macmillan Inform. 1975. 411 p.

1912 **IBE Education Thesaurus.** 2nd ed. rev. & enl. Paris: Unesco Press 1975. 278 p.
Arrangement in four parts: 1) general headings for fields and facets, 2) alphabetical array of descriptors and identifiers (in E and F) with scope notes, 3) a faceted array of descriptors and identifiers, 4) a rotated list of descriptors. A separate French edition was published in 1974. (First ed. see entry 579)

1913 **International Standard Classification of Education.** Abridged ed. Paris: Unesco Office of Statistics. Div. of Statistics on Education 1975. 148 p.

1914 Viet, J.: **EUDISED-thesaurus multilingue** para o processamento da informação em educação. 2 vols. (In Portuguese) Rio de Janeiro: Centro Brasileiro de Pesquisas Educacionais 1974. 629 p.
Portuguese version of the Council of Europe's Thesaurus Eudised.

1915 Ditmer, R. W.: A **thesaurus of planning terms.** Monticello, Ill.: Council of Planning Librarians 1976. 41 p. $ 4,–
Alphabetical order of descriptors with relationship indications.

1916 Secrétariat des Missions d'Urbanisme et d'Habitat: **Thesaurus.** Bilingual edition, E-F, F-E. Paris: SMUH 1975. 2 vols., F 350,–
Thesaurus contains some 2500 terms presented in the form of a permuted alphabetical list. Relationship indications with the authorized terms. Vol. 2 contains graphic and parallel reprensentation of links between descriptors under 25 categories, including five geographical ones.

1917 **Urban Vocabulary,** rev. ed. Washington, D. C.: U. S. Dept. of Housing and Urban Development 1975. 96 p.
Part A is an alphabetical controlled vocabulary with corresponding UDC numbers, Part B displays the classification schedule with the corresponding subject terms.

1918 Sandeau, G.: **Thesaurus du management et de l'économie.** Pt. 1: Guide-list alphabétique permutée. Pt. 2: Schémas fléchés – listes outils – listes additionnelles. Langage d'indexation pour les services de documentation et bibliothèques. 2nd ed. (In French). Paris: Bureau Marcel van Dijk 1975. 195 p.

1919 **Thesaurus of Industrial Development Terms.** 3rd ed. E-F. Wien: United Nations Industrial Development Organisation 1976. 151 p., $ 7,–
This edition is the first to include terms in a second language (French). Arrangement in 2 parts: 1) thematic list of descriptors in English and in French and 2) permuted alphabetical list of descriptors in English only.

1920 **Information-retrieval thesaurus for chemical and petroleum machinery.** (In Russian). Moscow: Centraln. Inst. Naučn.-Techn. Inform. i. techn. ekon. issled. po chim. i. neft, mašinostr. 1975. 171 p.
Alphabetically arranged thesaurus for chemical and petroleum machinery containing some 7000 descriptors and about 500 keywords.

1921 **Building research thesaurus. 2nd ed.** London: Building Research Establishment (BRE). Department of the Environment 1975. 281 p.
Updated version of the 1972 rev. ed. (see also 599). Main part in alphabetical sequence with a subsequent listing of the descriptors in about 65 subject category groups.

1923 **Internationale Dokumentation Straße (IDS). Thesaurus 1975.** (International Road Documentation Thesaurus). Pt. 1: German alphabetic thesaurus, Pt. 2: Numerical compilation and arrow-graphs. (In German). Paris: OECD 1975. 2 vols. ca. 400 p., ca. 135 figs.
The trilingual thesaurus (D, E, F) contains about 2000 descriptors.

1924 Hermann, G.: **Fachthesaurus kombinierter Verkehr.** (Thesaurus for combined transportation) 2nd ed. (In German) Frankfurt: Studiengesellschaft für den kombinierten Verkehr (SGKV) 1974. 112 p., 4 refs.
Main part in alphabetical order. Contains about 1350 descriptors and ca 1160 non-descriptors. The systematic index comprises 7 large subject categories. Presentation of the descriptors also in diagrammatic form.

1925 Hofer, A. et al: **Fachbegriffe und Sinnbilder der Datenverarbeitung.** 2nd ed. (Concepts and graphic signs for data processing). (In German). München: Verlag Dokumentation 1976. 166 p., DM 28,– ISBN 3-7940-4179-8
Alphabetically arranged glossary with definitions of the terms in the field of computer science and technology. (A licence print from the German Democratic Republic.)

1926 Williams, B. J. S.: **Thesaurus of Micrographic Terms.** 3rd ed. rev. by G. Harris. Hatfield, England: National Reprographic Centre for Documentation 1976. 35 p., £ 2.00

1927 Deutsches Komitee für Reprographie: **Dictionary of Reprography.** (Title also in D and F). München: Verlag Dokumentation 1975. 273 p., DM 54,–. ISBN 3-7940-3259-4
600 definitions in English, German and French in alphabetical order (each language in a separate part)

1928 Viet, J.: **Cultural Development/Developpement Culturel Thesaurus.** Strasbourg: Council of Europe 1976. 331 p.
Thesaurus in two parts: systematic section for division of the descriptors in 14 main groups with subgroups, in E and F, and alphabetical lists in E and F as index to the structured part.

1929 **Thesaurus Religionspädagogik.** (In German). Münster: Comenius-Institut and München: Institut für Katechetik und Homiletik 1976. 616 p., DM 28,–
Thesaurus contains 1284 descriptors and 800 non-descriptors plus 13 500 associate descriptors for the field of religious education.

05 Periodicals and Serials

1930 **Macrothesaurus Newsletter.** International Labour Office. Central Library and Documentation Branch, 1211 Geneva 22, Switzerland. No. 1, Oct. 1974, No. 2, Aug. 1975, No. 3, Dec. 1975.
After three issues, each of a few pages only, this Newsletter which was to provide a communication link between the users of the Macrothesaurus, will not be issued any longer by ILO. Issue 3 contains a users survey from 26 answers of 192 known Macrothesaurus possessors to the questionnaire (altogether 5000 copies of the Macrothesaurus had been sold, however, no sales lists could be obtained from the book-dealers). The answers show that only 16 users index documents with the thesaurus, mostly (7) with the help of the English language version, the terminology was revised by 10, further revisions are intended by 9. It is intended to convert the present Macrothesaurus into a DEVSIS thesaurus during the years 1976 and 1977.

06 Conference Reports, Proceedings

1931 Union des Associations Internationales (UAI): **Les problèmes du language dans la societé internationale.** Compte-rendu du Colloque tenu à Paris les 28 et 29 mars 1974. Bruxelles: U. A. I. 1975. 266 p., FB 400,–

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Discussions, presentations and 31 reprints (of former material) concerning problems of a conceptually-based communication especially in the social sciences (work of the Committee on Conceptual and Terminological Analysis. International Political Science Association. COCTA).

1932 Deutsche Gesellschaft für Dokumentation (DGD); Laake, M. v. d., Port, P. (Bearb.): **Deutscher Dokumentartag 1974.** Bonn-Bad Godesberg 7.-11.10.1974. Bd. 1. (In German). München: Verlag Dokumentation 1975. 472 p., DM 54,–
The volume contains the papers of the sessions on national information policy and information law as well as the ones of the Open Sessions of Committees. Among the latter are the papers of the Committee on Classification and Thesaurus Research (KTF) and for Patent Documentation. The following 7 papers were presented and discussed: 1933 Diemer, A.: Die Relation als Thema dokumentations- und informationswissenschaftlicher Forschung. Arbeitsbericht über die Forschungsaktivitäten des KTF zum Thema Relationen. – 1934 Henrichs, N.: Dokumentspezifische Kennzeichnung von Deskriptorenbeziehungen. Funktion und Bedeutung. – 1935 Jansen, R.: Die Bedeutung der Zugehörigkeitsrelation für Thesaurusstruktur, Indexierungsmethode und Recherche. – 1936 Fugmann, R.: Die Grenzen des Thesaurusverfahrens bei der Wiedergabe von Begriffsbeziehungen. – 1937 Herbig, E.: Die Internationale Patentklassifikation (IPC) als einheitliches Ordnungssystem der Patentinformation und -dokumentation. – 1938 Gehring, G.: Die Erstellung eines umfassenden Schlagwortregisters zur Internationalen Patentklassifikation (IPC). – 1939 Weiss, W.: Die inhaltserschließende Patentdokumentation, insbesondere des Deutschen Patentamtes; Erfahrungen mit Prinzip, Entwicklung, Erprobung und Betrieb.

1940 Deutsche Gesellschaft für Dokumentation (DGD). Kurz, R., Port, P. (Bearb): **Deutscher Dokumentartag 1974.** Bonn-Bad-Godesberg 7.-11.10.1974. Bd. 2: Probleme der Terminologiearbeit in Information und Dokumentation. (Kolloquium DGD-KTS/FFM, 10./11.10.1974). (In German, 2 papers E). München: Verlag Dokumentation 1975. 242 p., DM 36,–
Contains the 18 papers and their discussions presented at the above mentioned colloquium on the terminology in general and on information science terminology as well as computer aspects in particular.

1941 Kumar, P. S. G.: **International study conference on classification research (3).** In: Herald Lib. Sci. 14 (1975) No. 1, p. 8–26

1942 Neelameghan, A.: **Third International Study Conference on Classification Research:** Papers, Conclusions and Recommentations. In: Libr. Sci. Slant Doc. 12 (1975) No. 1, p. 27–32

1943 Sokolov, A. V.: **Present problems in the theory of classification – topic of the Third International Conference in Bombay** (In Russian). In: Naučn. i. Techn. Biblioteki SSSR (1976) No. 8, p. 35–47, 25 refs.
Discussion of the papers and of the results of the FID/CR Conference in Bombay, Jan. 1975.

1944 Kommission der Europäischen Gemeinschaften: **Zweiter Europäischer Kongreß über Dokumentationssysteme und -netze.** Luxemburg, 27.–30. Mai 1975. (In German). München: Verlag Dokumentation 1976. 271 p., DM 40,– = Eur 5546 d, e, f
(Book also available in English and in French). Contains the papers and results of language-clustered discussion groups. Of interest here especially session V on language problems with the paper by 1945 M. Wolff-Terroine: Multilingual Systems.

1946 Borko, H.: **Printed Subject Indexes – The Aberystwyth Institute 1975.** In: Intern. Classificat. 2(1975) No. 2, p. 106–107
Report on this International Study Institute on the Design and Evaluation of Printed Subject Indexes (PSI) which was held at the College of Librarianship Wales in Aberystwyth, on July 14–18, 1975.

1947 **32nd Meeting of the IBBD/UDC Committee.** (In Portuguese). Rio de Janeiro: Instituto Brasileiro de Bibliografia e Documentação 1976. 63 p.
Report of the 32nd meeting which took place on 21–22 July 1975 in Brasilia during the 8th Brazilian Congress of Librarianship and Documentation. Contains among others also a survey on the number of institutions in Brazil using the UDC.

1948 Nacke, O. (Ed.): **Scientometrics and bibliometrics in planning and research.** (In German). Papers of a Workshop on the occasion of the 20-years anniversary of the Institut für Dokumentation und Information über Sozialmedizin und öffentliches Gesundheitswesen (Idis). Bielefeld, 23.–24. Jan. 1976. Bielefeld: Idis 1976. 285 p., DM 30,– (for DGD members DM 5,–); ISBN 3 88139 013 8
(For a short report on this conference see Intern. Classificat. 3(1976) No. 1, p. 35). Introduction by O. Nacke and bibliography on the conference topic of 295 entries, in addition to the texts of the 14 following papers: 1949 Diemer, A.: Die Szientometrie – ihr Anliegen und ihre Probleme. – 1950 Nacke, O.: Zwecke und Themen der Scientometrie. – 1951 Gerdel, W., Murza, G.: Formale Strukturen der Scientometrie. – 1952 Pfeifer, R.: Quellen der Bibliometrie. Murza, G.: Mathematische Methoden. – 1953 Renz, D. G.: Formales Verfahren zur Optimierung der Input/Output Relation. – 1954 Kurzweily, E.: Datentechnische Methoden. – 1955 Gerdel, W.: Arbeitstechnische Methoden in der Dokumentations- und Wissenschaftsforschung. – 1956 Krug, G.: Bibliometrie in der Bibliotheksplanung. – 1957 Herz, T. A., Stegemann, H.: Bibliometrie in der Forschungsdokumentation: Forschung über sozialwissenschaftliche Forschungsarbeiten. – 1958 Henzler, R. G.: Bibliometrie in der Thesaurus- und Klassifikationsforschung. – 1959 Sandor, L., Wagner, G.: Bibliometrie in der Krebsforschung. – 1960 Lange, H.: Bibliometrie in der Arbeitsmedizin. – 1961 Krämer, W.: Bibliometrie in der Umwelthygiene.

1962 **Reports of the 18th Annual Meeting of the Committee for Patentdocumentation,** 6./7. Mai 1976 in München. (In German). München: Deutsche Gesellschaft für Dokumentation. Ausschuß für Patentdokumentation 1976. 282 p. = DGD-Schrift (APD-5)1/76
Out of the 27 papers presented the following 8 are dealing with the special problems of patent subject indexing and evaluation and with the International Patent Classification (IPC). 1963 Weiß, W.: Die Systeme der inhaltserschließenden Patentdokumentation des DPA; Erfahrungen mit den ersten Benutzungstesten für die Öffentlichkeit. – 1964 Stein, R.: Korreferat, System "Metallische Werkstoffe". – 1965 Sage, U.: Korreferat, System "Waschmittel". – 1966 Neubert, H.: Korreferat, System "Rückschlagventile". – 1967 Sölla, K.: Die Internationale Patentklassifikation (IPC): Handhabung, Weiterentwicklung, Prüfstoff-Umstellung, Inhaltslisten, Belegungslisten, u. a. – 1968 Gehring, G.: Weiterentwicklung des Stich- und Schlagwörterverzeichnisses zur IPC. – 1969 Erben, J.: Beteiligung der Öffentlichkeit an der Pflege der IPC und ihrer Zusatzeinrichtungen. – 1970 Hering, H.: Die IPC als Basis eines EDV-Dialog-Systems für die Patentrecherche.

1971 Kay, M.: **Abstracts of the 1976 International Conference on Computational Linguistics – COLING.** In: Amer. J. Comput. Linguist. (1976) No. 2, MF 48

07 Textbooks

See also 2107

1972 Brown, A. G.: **Introduction to subject indexing.** A programmed text. Vol. 1: Subject analysis and practical classification. London: C. Bingley 1976. 203 p.
Programmed introduction into the practice of classing, especially with regard to the use of the principles of the Colon Classification.

https://doi.org/10.5771/0943-7444-1976-2-116 https://www.inlibra.com/de/page/agb - Open Access - (cc) BY

1973 Brown, A. G.: **Introduction to subject indexing: a programmed text.** Vol. II: UDC and chain procedure in subject cataloguing. London: C. Bingley; Hamden, Conn: Linnet Books 1976. 153 p., £ 3.50; SBN 85157 211 1
Programmed introduction into classing with the UDC.

08 Other Monographs

1974 Foskett, D. J.: **Classification.** In: Batten, W. E. (Ed.): Handbook of Special Librarianship and Information Work. London: Aslib 1975. p. 153–197, 109 refs.

1975 Langridge, D. W.: **Classification and indexing in the humanities.** London: Butterworths 1976. 143 p., £ 5.50; ISBN 0 408 70777 1
Contains the following chapters: The universe of knowledge and bibliographic classification. The theory of bibliographic classification. Defining the humanities. The classification of history and biography. The classification of philosophy religion and the occult. The classification of arts, crafts and entertainment. The construction of special classification schemes in the humanities. Indexing in the humanities. (Name and subject index.)

1976 **Problems in the design and development of the International Scientific and Technical Information System.** Vol. I. (In Russian). Moscow: Meždunarod. Centr Nauč. i Techn. Inform. 1975. 288 p.
The volume contains the following 35 contributions treating problems of organisation of thesauri on a national and international level, compatibility problems and translation between thesauri as well as automatic indexing: 1977 Mojžisek, I.: Prospects for IR language development in national and international systems of scientific and technical information. – 1978 Sokolov, A. V.: A system of functionally specialised languages for the integrated information system. – 1979 Barth, Ch.: The quality and performance of information retrieval languages assessed. – 1980 Belicka, L.: The national thesaurus system. – 1981 Šemakin, Ju. L et al: Some experience in developing a system of information retrieval thesauri. – 1982 Orosz, G., Makay, A.: Use of the UDC as IR language for searching scientific and technical information. – 1983 Scibor, E.: The general concept of the IR language for the Polish national computer-based system of scientific and technical information. – 1984 Schüler, W.: The use of specialized thesauri in a patent information retrieval system: experience and problems. – 1985 Zotova, K.: IR languages in the current national bibliographics of socialist countries. – 1986 Mol'ska, I.: The SACO information retrieval languages. – 1987 Musrukov, N. B.: The internationalisation of the vocabulary of the language of science and technology and the prospects for multilingual thesauri. – 1988 Gajičová, E., Sgall, P.: General model of sentence semantics in the notation of a document search pattern. – 1989 Cajičová, E.: Basic syntactic relations in information languages' grammars. – 1990 Majewska, J., Kwiecien, H.: A specialised electrical power engineering thesaurus in the Polish People's Republic. – 1991 Tichonov, I. V.: Development problems of compatible IR languages for the International Scientific and Technical Information System. – 1992 Rosenbaum, H.-D.: Development of compatible IR languages for the national and international scientific and technical information systems of the CMEA countries. – 1993 Kofnovec, L.: A global outlook for IR language applications and an intermediate language for the International and Technical Information System components. – 1994 Keen, M.: Prospects for IR language compatibility: an analysis of experimental findings. An abstract. – 1995 Vilenskaja, S. K.: Descriptor and hierarchical languages: the problem of compatibility within a common IR system. – 1996 Wolff-Terroine, M.: Multilingual systems and thesaurus compatibility. – 1997 Sgall, P., Benesová, E.: Feasibility of information language compatibility. – 1998 Finogenov, A. S.: The development procedure of the international multilingual thesaurus for the construction field. – 1999 Csendes, B.: A motor transport IR language and its compatibility with the IR language of the International Scientific and Technical Information System. – 2000 Mildner, H.: Some experience in the semantic coordination of a Russian-German vocabulary file with associated UDC and IPC numbers. – 2001 Belopol'skaja, L. A., Nefedova, T. A., Vašš, E. D.: Some experience in the development of a bilingual vocabulary for the trade and economic information communication network as part of Informchim. – 2002 Leont'eva, T. M. et al: Main steps in the development of a bilingual (Russian-German/German-Russian) thesaurus for chemistry and chemical engineering. – 2003 Gasilina, V. N., Gavrilenko, B. I., Savel'eva, A. I.: Salient features of a methodology for bilingual thesaurus construction (in the ferrous metallurgy field). – 2004 Mickov, Ch. et al: The methodology of use of the VNIIMI thesaurus descriptor fields in developing specialised medical thesauri. – 2005 Kazakov, E. N., Kapylov, V. A.: A method for computer-based development and maintenance of a polythematic IR language. – 2006 Dietze, J.: A frequency-statistical method of automatic indexing. – 2007 Paščenko, N. A., Ivanov, B. S.: Automatic indexing of query texts with special reference to an automatic language having a fully developed grammar. – 2008 János, I.: An experiment in automatic indexing from text fragments. – 2009 Anno, E. I.: An indexing algorithm for an IR system using a descriptor language with contextual relationships. – 2010 Tafipol' skaja, M. Ja. et al: Autoindex-UDC: an indexing algorithm. – 2011 Leonov, R. A. et al: Tools for computer-aided maintenance of document files classed by the UDC. – 2012 Tarasov, V. I. et al: Quality assessment algorithms for UDC indexing.

09 Standards, guidelines

See also 2021

2013 **ISO 999-1975. Documentation – index of publication.** Genf: International Standardisation Organisation 1975. 2 p.
Set of rules to enable publishers and editors to produce indexes of publications that facilitate their use by bibliographers, librarians and researchers. Editing, layout and heading are emphasized.

2014 ISO 3166-1974 (E). **Code for the representation of names of countries.** Genf: International Standardisation Organisation 1974. 22 p.

2015 DIN 1463 – 1976. **Richtlinien für die Erstellung und Weiterentwicklung von Thesauri.** (Guidelines for the construction and development of thesauri). (In German). Berlin: Beuth-Verlag 1976. 12 p.

2016 **Multilingual information-retrieval thesaurus** (In Russian). In: Naučn.-techn. Inform. Ser. 1 (1975) No. 9, p. 31–32
Presentation of a technical specification approved by the Committee of Plenipotentiary Representatives of the Comecon member countries.

2017 **Indexing principles. 1st draft.** Paris: Unesco-UNISIST 1975. 11 p. = SC75/WS/58

1 Theoretical Foundations of Classification

11 General Theory of Order

2018 Körner, S.: **Classification theory.** In: Intern. Classificat. 3(1976) No. 1, p. 3–6, 13 refs.
Outline of the logical and material principles of classification as well as of various general problems and criteria and discussion of classification principles in particular domains.

2019 Panova, N. S., Šrejder, Yu.: **The principle of duality in the theory of classification.** (In Russian). In: Naučn. techn. Inform. Ser. 2(1975) No. 10, p. 3–10, 21 refs.
Distinction between taxonomy which studies the division of objects into classes and meronomy which studies the inherent structure of these objects. Meronomy leads to the identification of characteristics on which the division into taxons can be based.

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12 Conceptual Basis of Classification

2020 Balk, M.: **On division principles and divisions concerning definitions.** (In German). In: Datenverarb. in Steuer, Wirtsch. u. Recht (1976) Nr. 3, p. 82–88, 20 refs.
The following kinds of definitions are distinguished: real-definitions (vs.) nominal definitions, parallel and synthetical definitions and syntactical and semantic definitions.

2021 Dahlberg, I.: **On objects, concepts, definitions and terms.** (In German). Zur möglichen Neufassung von DIN 2330. In: Muttersprache 86(1976) No. 2, p. 81–117, 28 refs.
Proposal for a new version of the German standard on naming principles based on a new, analytical concept theory which facilitates the understanding of concepts considerably, explains concept formation as well as concept relations, structures concept definitions and provides a theory for concept names (terms).

13 Mathematics of Classification

See also 2059

2022 Kononov, B. P.: **Mathematical model of the theory of essential characteristics.** (In Russian). In: Naučn.-techn. Inform. Ser. 2(1975) No. 9, p. 16–21, 10 refs.

2023 Rebrova, M. P.: **Formel, hierarchical and agglomerative classification of documents and retrieval strategy for such a classification.** (In Russian). In: Naučn.-techn. Inform. Ser. 2(1975) No. 10, p. 11–17, 10 refs.
Description of a mathematical model of this classification which may serve as basis for a file organisation of a volume above 100 000 to 150 000 units.

2024 Reisinger, L.: **On fuzzy thesauri.** In: Compstat 1974. Proc. Comput. Stat. Wien 1974. p. 119–127, 12 refs.
Application of fuzzy set theory in the description of a thesaurus.

16 Development of Science and Classification

2025 Small, H. G.: **A citation model for scientific specialties.** In: Proc. 38th Ann. Meeting Amer. Soc. Inform. Sci. 12(1975) p. 34–35, 6 refs.
Summary on operation, application and future research possibilities concerning the clustering of the annual volumes (1970–1974) of the Science Citation Index by co-citation countings of highly cited documents (the number of times documents are cited together).

2026 Tomita, T., Hattori, K.: **Some considerations of quasi-quantitative analysis of the history of science in Japan by key-words.** Trial of Quantitative History. In: Japanese Studies in the History of Science (1975) No. 14, p. 13–38, 13 refs., 13 figs.
Introduction of the concept of and the formula for the measurement of the 'value of information exchange' and description of the application of classified keywords to the index of the 25 vols. of the Taikei (see Intern. Classificat. 2(1975) No. 1) according to chronological order of the documents indexed. Diagram-display of the results.

18 Classification Research

2027 Richmond, P.: **Classification research: the bigger revolution ahead.** In: Proc. 38th Ann. Meeting Amer. Soc. Inform. Sci. 12(1975) p. 28–29
Faceted classification is regarded as the "revolutionary breakthrough" in classification theory, able to be used in the design of a new general classification if based on PRECIS'

19 History of Classification

2028 Scibor, E.: **Evolution of classification schemes against the background of the evolution of literature and library-documentation activities.** (In Polish). Pr. stud. przyczynki IINTE (1975) No. 3, 219 p.

2 Structure & Construction of CS

21 General Questions of Structure

See also 1878

2029 Freytag, J.: **The typology of information sources in the USSR.** (In German). In: Informatik 22(1975) No. 4, p. 9–11, 9 refs.
The problems of establishing a typology are closely related to theory and principles of classification. Results and considerations in persuing the task mentioned in the title.

2030 Mildner, H.: **Concerning further development of information retrieval languages.** (In German). In: Informatik 23(1976) No. 1, p. 31–32
It is recommended to use together classification systems and descriptor languages in automated information retrieval systems.

2031 Mikulinksi, A.: **The use of a thesaurus in a factory information unit.** (In Polish). In: Aktualn. probl. inform. i. dok. 20(1975) No. 3, p. 17–37

2032 Neicu, S. D.: **Languages, thesauri, standardization.** In: Probl. de inform. doc., Bukarest 9(1975) No. 6, p. 348–364, 7 refs.

22 Elements and Special Structures of CS

2033 Crvcanin-Metejic, M.: **Structure of a thesaurus and methods of its elaboration.** In: Informatika, Jugosl. 9 (1975) No. 4, p. 129–139

2034 Kušul', A. Ja.: **Basic subjects (classes) as interpreted by Ranganathan and his followers.** (In Russian). In: Bibliotekoved. i. bibliogr. za rubežom (1975) No. 43, p. 24–25, 25 refs.
Discussion of the following aspects of basic subjects: the objects of library classification, properties and structure of the universe of subjects, definition of the term 'basic subject', primary and secondary basic-subjects, their construction, sequence and display in the 7th ed. of the Colon Classification.

2035 Laplace, G.: **Analytic and structural typology: rationality in paleolithic studies.** (In French). In: Archaeological Data Banks. Natl. Colloquium of the Centre National de la Recherche Scientifique, No. 932. Marseilles, 12–14 June 1972. Paris 1974. p. 91–143, 31 figs, 31 refs.

2036 Lowry, S. R., Isenhour, T. L.: A **feature selection technique for binary infrared spectra.** In: J. Chem. Inform. Computer Sci. 15(1975) No. 4, p. 212–215, 12 refs.
Description of a method for the evaluation of the usefulness of every characteristic in a classification of unknown compounds.

2037 Perreault, J. M.: **Concerning hierarchy in classification.** In: Intern. Classificat. 3(1976) No. 1, p. 33–34
Commentary to A. Neelameghan's paper "Non-hierarchical associative relationships: their types and the computer generation of RT links".

2038 Šelov, S. D.: **Paradigmatic relations in a thesaurus: A means for the representation of the semantic structure of text.** (In Russian). In: Inform. Processy i Sistemy. Moscow 1975. p. 89–97
Indication of the usual concept relationships with each descriptor and in addition indication of the actants of a situation described. A measure for the "terminologicality" of a descriptor is suggested;

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a descriptor is the more terminological, the more places in the relations list of its thesaurus entry are filled.

2039 Serrai, A.: **Subjects, arguments or discourse?** (In Italian). In: Boll. d'inform. 15(1975) No. 3, p. 199–201
One should always consider that languages consist of at least two types of concepts: subjects/objects (arguments) and discourses about these. In order to establish correctly the subject of a document in bibliography, it is essential to keep this distinction in mind.

2040 Subramanyam, K.: **Seminal mnemonics in classification.** In: Intern. Classificat. 3(1976) No. 1, p. 16–18, 8 refs.
Seminal mnemonics consists of assigning the same notational digits to 'seminally equivalent' concepts. Explanation of the theoretical basis of seminal mnemonics and examination of its use in classification.

2041 Thomsen, O.: **Growth curves for descriptors calculated by means for frequency tables.** (In Danish). In: T. för Dok., Stockholm 31 (1975) No. 6, p. 81–86
A simple mathematical treatment of the numbers and the frequencies of use of the descriptors in a collection yields rectilinear curves, which can be used to evaluate the degree of specialization of the thesaurus used ... (Author, abbr.)

2042 Tkach, S. S.: **Paradigmatic tools in a documentary language for solid-state physics.** (In Russian). In: Naučn.-techn. Inform. Ser. 2(1975) No. 10, p. 18–21, 10 refs.
Study of the categorization of the terms of a documentary language as well as of the paradigmatic relations between the terms of each category. Description of the coding method and of the construction of the classification.

23 Construction of CS

2043 Freeman, F. H.: **Building a thesaurus for a diffuse subject area.** In: Spec. Libr. 67(1976) No. 4, p. 220–222, 3 refs.
Presentation of methods developed for standardizing terminology, updating and using the thesaurus.

2044 Plotnikov, B. A.: **On the use of lexicographic data in thesaurus construction.** (In Russian). In: Naučn.-techn. Inform. Ser. 2(1975) No. 9, p. 22–23, 46, 47, 4 refs.
Suggestion of a method for the establishment of semantic relations between abstract words and identifying keywords among them on the basis of lexicographic data. (Author, abbr.)

2045 Shepherd, M., Watters, C.: **Computer-generation of thesaurus.** In: Libr. Sci. Slant Doc. 12(1975) No. 2, p. 40–54
Description of computer programs for generating a thesaurus given a set of terms among which the hierarchy has already been determined, as e. g. in a classification scheme for a subject-field. Flow-charts and a sample of the thesaurus output are given. The programs are written in COBOL.

2046 Soergel, D.: **Theoretical problems of thesaurus building with particular reference to concept formation.** In: Petöfi, J. S., Podlech, A., Savigny, E. v. (Hrsg.): Fachsprachliche Texte – Umgangssprachliche Kommunikation. Kronberg 1975. p. 355–381, 7 refs.
Function of a thesaurus and of the indexing language. Functions of the lead-in structure. User's vocabulary versus logical structure and request-oriented indexing. Complex thesaurus structures for natural language searching and automatic indexing. Steps in the construction of indexing languages and thesauri. Problems of concept formation.

2047 Takahashi, M.: **Fundamental problems of vocabulary control. Constructing and updating thesauri.** (In Japanese). In: Proc. 11 Natl. Convent. Study Inform. & Doc. (1974) No. 11, p. 33–39, 188, 9 refs.
The current practice of thesaurus construction and updating has no solid theory to rely upon. Term relationships are unnecessarily complicated creating many problems such a reduced retrieval efficiency and increased compilation and updating costs. A more efficient and economical method for construction of thesauri is proposed taking into consideration semantic, linguistic and psychological aspects. (Author, abbr.)

24 Relationships

See also 1933–1936, 1989, 2037, 2038, 2068

2048 Johansen, T.: **Interrelatedness of subjects.** (In Danish). Copenhagen: Danish Library School 1975. 51 p.

2049 Kirova, L. G.: **One approach to establishing the interconcept distance by the thesaurus graph.** (In Russian). In: Naukoved. i. Informatika. Resp. mezved. sb. (1975) No. 14, p. 96–102, 126, 6 refs.
Presentation of a method for the assessment of the distance between concepts using the thesaurus graph, which depends on a quantitative estimate of the strength of basic relations expressed by weights.

2050 Neelameghan, A., Ravichandra Rao, R. K.: **Non-hierarchical associative relationships.** Their types and computer generation of RT links. In: Libr. Sci. Slant Doc. 13(1975) No. 1, p. 24–42, 8 refs.
(See also 2037: J. M. Perreault – Concerning hierarchy in classification). About 30 types of non-hierarchical associative relationships, taken from different sources are enumerated. Their representation between component ideas of a subject as facet relation (FR), speciator relations (SpR), coordinate relation (CR) and phase relation (PR) is illustrated with examples. (Author, abbr.)

26 Notation, Codes

2051 Davis, C. H.: **Pragmatic expansion of an enumerative classification scheme.** In: J. Amer. Soc. Inform. Sci. 27(1976) No. 3, p. 174–175, 4 refs.
Negative numbers are suggested as a means through which one enumerative classification can be expanded. An extension of the Dewey Decimal notation is described as it has been used for computer-based SDI and implications for other automated systems are noted ... (Author)

2052 Faust, W.: **Coding of weed and crop names for documentation in crop protection research.** (In German). In: Mitt. Ges. Bibl. wes. u. Dok. d. Landbaues (1976) No. 24, p. 111–115
Report on the development of a five-letter code for the abbreviation of the scientific names of economically important crops and weeds.

2053 Graichen, D., Lippmann, H. G.: A **methodical concept for the classification of clinical information as a presupposition for computerized information handling – exemplified by the 'Tumorkrankenkennzahl (TKZ).** (In German). Dresden: Forschungsinst. Manfred v. Ardenne 1975. 16 p., 20 refs.
Development of a code for the classification of cancer disease data and its subsequent statistical evaluation.

2054 Kashyap, M. M.: A **study of the progressive use of indicator digit device in Colon classification.** In: Ann. Libr. Sci. Doc. 22(1975) No. 3, p. 120–132, 48 refs.

27 Compilation, Updating, Storage & Maintenance of CS

See also 2005, 2011, 2045, 2047

2055 Iljon, A., Doggen, J.: **ASTUTE – automated system for thesaurus updating, testing and editing.** Luxemburg: Commission of the European Communities 1976. 59 p.

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May be used with mono- and multilingual thesauri. Written in COBOL, consisting of about 5000 instructions. Precise description of this module.

28 Compatibility & Concordances of CS

See also 1991–1997 and 1999

2056 Barth, C.: **Problems in the development of a set of compatible IR languages for the International Scientific and Technical Information System.** (In German). In: DDR-Med.-Rept. 4(1975) No. 2, p. 96–100

2057 Horsnell, V.: **The Intermediate Lexicon.** The possibilities for information exchange networks. In: Proc. 38th Ann. Meeting Amer. Soc. Inform. Sci. (1975) p. 79, 2 refs.

2058 Niehoff, R. T.: **Development of an integrated energy vocabulary and the possibilities for on-line subject-switching.** In: J. Amer. Soc. Inform. Sci. 27(1976) No. 1, p. 3–17, 8 refs.
For the development 11 vocabularies were analyzed and integrated: AIP, CA, API, GA, INIS, TEST, GEOR, EI, PA, DDC and NASA. The methodology consisted of 1) establishing term selection criteria, 2) analyzing individual system vocabularies for energy-related terms, 3) processing energy subsets and 4) reviewing the integrated product and generating a final vocabulary. A prototype conversion guide (synonym table) was constructed. (Author, abbr.)

29 Evaluation of CS

See also 1979, 2105

2059 Chodža-Bagirova, A. E.: **The use of mathematical statistics in classification system evaluation.** (In Russian). In: Inform. Processy i Sistemy Dokl. na 5-i Naučn.-techn. Konf. Molodych Učenych i Specialistov VINITI. Moscow 1975. p. 176–181, 3 refs.
Possibility of using the statistical decision theory as measure for the assessment of hierarchical classifications by division levels.

2060 Kališevskaja, K., Finina, N. A.: **Evaluation of information by the user's thesaurus modification, with special reference to the product data of firms and factories.** (In Russian). In: Naučn.-techn. Inform. Ser. 2(1975) No. 7, p. 10–15, 46, 8 refs.

2061 Stalcup, W. S., Petrarca, A. E.: **Automatic vocabulary control and its evaluation in computer-produced indexes.** In: Proc. 38th Ann. Meeting Amer. Soc. Inform. Sci. 12(1975) p. 73–74, 15 refs.
Description of an algorithmic approach to vocabulary control using quantitative methods for the evaluation of the control techniques.

3 Classing and Indexing (Methodology)

31 Theory of Classing and Indexing

2062 Jones, K. P.: **Towards a theory of indexing.** In: J. Doc. 32(1976) No. 2, p. 118–123, 15 refs.
Distinction of five levels of indexing: concordance, information theoretic, linguistic (syntactic/semantic), textual framework or skeletal, inferential.

2063 Šelov, S. D.: **Duplication and the associated problems of information retrieval languages, with special reference to linguistics.** (In Russian). In: Teorija i metodika slovarn. inform.-poisk. jasykov po obščestv. naukam. Moscow: Nauka 1975. p. 235–252, 14 refs.
Demonstration of the inevitability of duplication in the subject description of documents.

32 Subject Analysis

2064 Orlov, A. N.: **The literature and literary criticism subject complex.** (In Russian). In: Teorija i metodika slovarn. inform.-poisk. jasykov po obščestv. naukam. Moscow: Nauka 1975. p. 141–163, 4 refs.
Application of a methodology of subject analysis applied to works of literary criticism, history and theory of literature.

2065 Reball, S.: **Semantic field and subject description of document contents.** (In German). In: Intern. Classificat. 3(1976) No. 1, p. 18–22, 10 refs.
Discussion of differences and 'overlappings' of two description modes of document contents and presentation of a model for the explanation of the relevant cases of indexing languages considering also the relations to the concepts of subject- and form-oriented indexing.

33 Classing and Indexing Techniques

See also 1875–1877, 1972, 1973

2066 Austin, D.: **PRECIS.** Libr. Sci. Slant Doc. 12(1975) No. 4, p. 89–126, 28 figs.

2067 Austin, D.: **PRECIS in a multilingual context.** Part I. PRECIS: an overview. In: Libri 26(1976) No. 1, p. 1–37, 11 refs.
Summary of the PRECIS features with the following sections: The syntax of PRECIS: entry format. Compound terms in English: the technique of 'differencing'. The schema of role operators. The linguistic basis of PRECIS. Thesaural or categorial relationships. Towards the concept of a multilingual indexing language.

2068 Sørensen, J., Austin, D.: **PRECIS in a multilingual context.** Part 2: a linguistic and logical explanation of the syntax. In: Libri 26(1976) No. 2, p. 108–139

2069 Sørensen, J., Austin, D.: **PRECIS in a multilingual context.** Part 3: Multilingual experiments, proposed codes, and procedures for the Germanic languages. In: Libri 26(1976) No. 3, p. 181–215, 5 refs.

2070 Coates, E.: **Book review** of D. Austin: PRECIS: a manual of concept analysis and subject indexing. London 1974. In: J. Doc. 32(1976) No. 1, p. 85–96
Extensive review structured into the following subheadings and including a comparison with the BTI indexing principles: Introduction – General description of the Manual – Historical background – Scope of the PRECIS system – The PRECIS syntactic system – Disposition of output – Role operators and input – Differencing operators – Preposition phrases – Comparison with BTI – Escape routes – 'Virtual' difference – Adequacy of the role operators – Conclusions.

2071 Ekern, P.: **Economical input method to render informative output listings.** (In Norwegian). In: T. för Dok. 31(1975) No. 4/5, p. 67–72
Description of a proposed "keywords in defined rotation" indexing method. Index terms are enumerated indicating e. g. "term no. 03 of 14 terms".

2072 Pieters, D. L.: **Handling photograph collections by coordinate indexing.** In: Spec. Libr. 66(1975) No. 11, p. 541–542, 4 refs.

2073 Sharp, J. R.: **Indexing for retrieval.** In: Batten, W. E. (Ed): Handbook of Special Librarianship and Information Work. London: Aslib 1975. p. 198–268, 45 refs.

2074 Tipler, S.: **Classifying law materials using the Library of Congress Classification.** In: Libr. Resources & Techn. Services 19(1975) No. 1, p. 60–63, 15 refs.

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Suggestion of guidelines for the classification of law materials in a small library.

2075 Zimmermann, H.: **Application of the threshold-value adaptation for the classification of scientific and technical documents.** (In German). Dresden: Techn. Universität. Sekt. Inform. verarb. 1974. 15 p., 7 refs.
The application of the method of threshold-value adaptation presupposes the description of document contents by descriptors of a defined thesaurus and works on the basis that for each class a sufficient number of documents or references to class-membership is given.

34 Automatic Classing and Indexing

See also 2006–2010

2076 Arzumanova, I. B., Pevzner, B. R., Chodlova, L.A.: **An automatic indexing system for German-language documents.** (In Russian). In: Naučn.-techn. Inform. Ser. 2(1975) No. 6, p. 21–23, 46, 6 refs.
The main parts of the automatic indexing procedures presented are a German descriptor vocabulary for electrical engineering and an algorithm for morphological analysis of compound words. (Author, abbr.)

2077 Braun, S., Schwind, C.: **Automatic, semantics-based indexing of natural language texts for information retrieval systems.** In: Inform. Process. & Management 12(1976) No. 2, p. 147–153, 10 refs.
Description of an alogithm to extract single word concepts from texts and to combine them to phrases using the semantic relations between these concepts, which are stored in the network . . . (Authors, abbr.)

2078 Brisner, O.: **A system for automatic indexing and keyword translation as the basis for international co-operation.** In: Proc. 38th Ann. Meeting Amer. Soc. Inform. Sci. 12(1975) p. 75–76
Description of the ALLIANCE system, a documentation service within the fields of glass, ceramics and refractories, maintaining automatic indexing and input/output in different languages.

2079 Graepel, P. H.: **Automatic indexing of German language surgical pathology diagnoses.** In: Meth. Inform. Med. 15(1976) No. 3, p. 163–xxx
Development of an automatic indexing program and of a dictionary of sample index-terms based on the categorization of the Systematized Nomenclature of Pathology (SNOP), reflecting information items in an individual user's vocabulary.

2080 Lamy-Rousseau, F.: **Automatic treatment of multi-media documents with the ISBD unified systems, Lamy-Rousseau and PRECIS.** (In French). (Propositions SILP). Montreal: Ministère de l'Education du Québec, Service General des Moyens d'Enseignement 1974. 224 p., 74 refs.
Le système de traitement automatisé multi-media SILP se base sur 1. les règles catalographiques ISBD, 2. le système d'indexation PRECIS II et 3. la codification Lamy-Rousseau pour repérage des media.

2081 Orechov, Yu. V.: **Algorithm for the construction of the semantic graph of a proposition.** (In Russian). In: Naučn.-techn. Inform. Ser. 2(1975) No. 11, p. 33–35, 4 refs.
Description of the algorithm which is used in an automatic indexing system together with a documentary language having grammar and results of the experiments.

2082 Yu, C. T., Salton, G.: **Precision weighting: an effective automatic indexing method.** In: J. Assoc. Comput. Mach. 23(1976) No. 1, p. 76–88, 7 refs.

35 Automatic Ordering

See also 2025

2083 Boreham, J., Niblett, B.: **Classification of legal texts by computer.** In: Inform. Process. & Management 12(1976) No. 2, p. 125–132, 10 refs.
Development of a suite of computer programs to represent the full text of lengthy documents in vector form and classifying them by a clustering method. (The texts were the Conventions and Agreements of the Council of Europe consisting of some 280 000 words in the English version and a similar number in the French.) Results of the clustering experiments are presented in the form of dendrograms using both the treaty and article as the clustering unit. (Authors, abbr.)

2084 Morozumi, T.: **Automatic classification of paragraphs on the P. R. paper with the theory of quantification.** (In Japanese). In: Dokumentesyon kenkyu 25 (1975) No. 7, p. 277–282

36 Coding

2085 Sivkov, O. Y.: **Two methods of contracting information represented numerically.** In: Autom. Doc. & Math. Linguist. 9(1975) No. 2, p. 11–15, 3 refs.
To provide most rapid access and retrieval of documents it is useful to convert textual descriptor information into numerical codes. The contraction methods proposed consist in eliminating recurring symbols in individual word groups . . . (Author, abbr.)

2086 Zamora, A., Ebe, T.: **Pathfinder II.** A computer program that generates Wiswesser Line Notations for complex polycyclic structures. In: J. Chem. Inform. Computer Sci. 16(1976) No. 1, p. 36–39, 5 refs.

37 Reclassification

See also 2191, 2104

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4 On Universal Systems

42 On the Universal Decimal Classification, UDC

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See also 1873, 2051, 2093

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Voluminous historic study of each of the 18 editions of the DDC, their specialties, changes, expansions, preparation, acceptance by the public, etc.

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2105 Walker, W. B.: **Art books and periodicals: Dewey and LC.** In: Libr. Trends 23(1975) No. 3, p. 451–470, 19 refs.
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44 On the Library of Congress Classification, LCC and LC Subject Headings

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2106 Kosa, G. A.: **Profiling techniques for automated retrieval using LC classification numbers and LC geographic area codes.** In: LASIE 6(1975) No. 1, p. 9–12

46 On the Colon Classification, CC

See also 1972, 2034, 2054

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48 On Other Universal CS (alph.)

2108 Skripnik, V. A., Muzrukov, N. B.: **The conception of the ISTIS information retrieval language complex.** (In Russian). In: Probl. sozdanija i razvitija mežđunar. sistemy nauč. i techn. inform. Vyp. 3. Moscow 1975. p. 20–26, 7 refs.
Listing of the retrieval languages which are being developed for subsystems of the International Scientific and Technical Information System (ISTIS) (of the Comecon countries). The upper level languages, forming the core of the language complex, are to serve as the basis for the ISIS languages and the ISSTIS languages. (ISIS = intern. specialized information systems, ISSTIS = international sectoral STI systems)

2109 Saito, K.: **Construction of the JICST thesaurus of scientific and technical terms.** (In Japanese). In: Zyoho kanri, Inform. & Doc. 18(1975) No. 5, p. 390–399, 3 refs.
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5 On Special Objects CS (Taxonomies)

51 Numerical Taxonomy

2110 Chen, Z., Fu, K. S.: **On the connectivity of clusters.** In: Information Sciences 8(1975) No. 4, p. 283–299
Description of a problem in pattern recognition called "chaining effect" which occurs when bridges or necks exist in clusters. This may lead to misclassification.

52 On Taxonomies & Nomenclatures for Chemicals

2111 Adamson, G. W., Bawden, D.: A **method of structure activity correlation using Wiswesser Line Notation.** In: J. Chem. Inform. Computer Sci. 15(1975) No. 4, p. 215–220,27 refs.

2112 Avidon, V. V., Arolovic, V. S.: **Analyzing the similarity of chemical structures with the FCSS descriptor language.** In: Autom. Doc. & Math. Linguistics 9(1975) No. 2, p. 61–68, 3 refs.
A descriptor language is developed called Fragmentary Code of the Superposition of Substructure (FCSS) in order to analyze the structures of chemical compounds on the basis of their inclusion of substructures essential to biological activity. The special approach proposed formalizes the notion of similarity of structure as a definite degree of closeness of the code notations in the FCSS language.

55 On Taxonomies für Area 5

2113 Koskenniemi, M. (Ed.), et al: **DPA Helsinki system for describing instructional processes. Manual.** Helsinki: Univ. of Helsinki. Institute of Education 1974. 39 p. = Res. Bull. No. 42. EDRS: ED 106 228
Presentation of a taxonomy for classification of classroom observational data. Information for the study was accumulated in successive classes at the School of the Institute of Education, Univ. of Helsinki and processed statistically. The taxonomy was developed through both empirical procedures and logic and concept analysis . . .

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2115 Sobczak, T. C.: **Universal product coding:** who profits and who looses? In: Computers and People, USA 25(1976) No. 2, p. 17–19

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58 On CS for Kinds of Documents

See also 1937–1939, 1962, 1984, 2000, 2191

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2118 Haertel, K.: **The International Patent Classification (IPC): basic structure and characteristics; use of the IPC; program of the German Patent Office for IPC implementation.** In: Role pat. inf. res. dev. Symp. Moscow 1974. Geneva, World Intellect. Prop. Organisation 1975. p. 179–187

2119 Rothstein, P. M.: A **classification system and procedure manual for cataloging textbooks in a university library curriculum laboratory collection.** New York, Bronx: H. H. Lehman College, City Univ. of New York 1975. 14 p. EDRS: ED 105 820

2120 Filion, L.: **Classification of governmental publications of Quebec.** 2nd rev. ed. (In French). Quebec: Minist. d. Aff. Cult. 1974. 110 p., 23 refs., $ 2,–

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2122 Blery, G.: **One picture is worth thousand words.** II. The problem of classification. (In French). In: Photographe (1976) No. 1323, p. 40–47
Description of and comments on two kinds of classifications for photographs.

2123 **Nonprint media cataloging, classification and designation: recommended standards.** In: Southeastern Libraries 23(1974) No. 4, p. 32–35, 24(1975) No. 1, p. 35–36

6 On Special Subject CS

61 On CS for Mathematics and Area 1 Fields

2124 Sutter, E., Chauvet, N.: A **multilingual thesaurus for ISONET: the thesaurus 'Normalisation'.** (In French). In: Courr. Norm., Fr., 42(1975) No. 245, p. 466–469, 2 refs.

63 On CS for the Astro- and Geosciences

2125 Vlasov, A. N.: **An algorithmic approach to the task of collecting and information-lexicographic processing of geographic and geological names in the development of descriptor IR languages for the Earth Sciences.** (In Russian). In: Geogr. sb. VINITI (1975) No. 5, p. 174–189, 4 refs.

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2127 Emil'janova, E. P.: **The use of a landslip classification in data retrieval systems.** (In Russian). In: Inform. poisk. sistemy v inž. geol. Moskva: Mosk. Universitet 1975. p. 88–96, 13 refs.

2128 Safronova, T. S., Kovrjukov, V. N: **Classification and coding of technical and economic information in a mining-and-dressing works MIS.** (In Russian). In: Zap. Leningr. Gorn. Instituta 68(1975) No. 1, p. 154–157

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64 On CS in the Bio-Area

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formation languages in biology. (In Russian). In: Naučn.-techn. Inform. Ser. 2(1975) No. 8, p. 16–18, 38, 16 refs.
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2132 Lüpnitz, M.: **Development and use experience with the Molecular Biology and Allied Fields Thesaurus.** (In German). In: DDR-Med. Rpt. 4(1975) No. 2, p. 104–107

2133 Cuturilo, S.: **Classification and indexing in weed science.** In: Fragm. herbol. jugosl., Yugosl. 54(1975) p. 1–26, 3 refs.

2134 Schrader, S.: **The multilingual forest terminology – an international cooperation project for the improvement of scientific communication and for the construction of thesauri.** (In German). In: Mitt. Ges. Bibl. wes. Dok. d. Landbaues (1976) No. 24, p. 63–79, 8 refs., 3 annexes.

2135 Breitling, W.: **The Thesaurus of the FAO Documentation Centre – genesis, structure and possibilities of use.** (In German). In: Mitt. Ges. Bibl. wes. u. Dok. d. Landbaues (1976) No. 24, p. 37–61, 7 refs., 10 annexes.

65 On CS in the Human Area (5)

2136 Parnovskij, B. L., Dudarchuk, O. V.: **Analysis of a pharmaceutical thesaurus.** (based on the pharmacopeia of the USSR-State form the 7th to the 10th editions). (In Russian). In: Naučn.-techn. Inform. Ser. 2(1975) No. 11, p. 3–4, 4 refs.

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2138 Graubner, B., et al.: **Some experiences in the joint development by students and researchers of a specialized thesaurus for infantile nephrology.** (In German). In: DDR-Med. Rpt. 4(1975) No. 2, p. 108–111

66 On CS in the Socio-Area

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2140 Fujimoto, S.: **Developing a thesaurus for the 'Similar and related expenditures retrieval system' of the national budget.** (In Japanese). In: Proc. 11 Natl. Convent. Study Inform. & Doc. (1974) No. 11, p. 41–49, 188, 8 refs.

2141 David, A.: **The documentary lexicon.** In: Law Computer Technol. (1975) No. 6, p. 133–144, 4 refs.
Description of two approaches (deductive and inductive) for the elaboration of a thesaurus in the field of law.

2142 Krasnjanskij, V. E.: **A method for the development of a legal descriptor type IR language.** (In Russian). In: Isv. vyšš. učeb. zavedenij pravovedenie (1975) No. 4, p. 104–109

2143 Bake, B. R.: **Determining geographical subject headings for local history collections.** Provo, Utah: Brigham Young University. Grad. Dept. of Libr. & Inform. Sci. 1974. 38 p. = EDRS:ED 102 971

67 On CS in the Economics and Technology Area

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2145 Georgiev, R.: **Methodological aspects of developing a single information language for economics.** (In Bulgarian). In: Ikon. mis'l 19(1975) No. 3, p. 25–35, 114, 117

2146 Medvedev, A. A.: **The factographic IRS as a subsystem of an automated system for plan calculations.** In: Autom. Doc. & Math. Linguistics 9(1975) No. 2, p. 24–30, 5 refs.
The information language of plan and economic indicators of the Main Research Institute and Information Computing Center of the State Planning Commission of the Ukrainian SSR is outlined and the structure of the algorithm set and its operation in responding requests is presented. Description of the language of the factographic IRS.

2147 Ravar, I., Capata, M.: **The unitary system of economic and social classifications and nomenclatures.** In: Econ. Comput. Econ. Cybern. Stud. Res., Roman. (1975) No. 3, p. 83–94

2148 Bogdanova, V. P., Eliseeva, L. M.: **Development of a document classification for the Ministry of Heavy Machine-Building.** (In Russian). In: Sov. Archivy (1975) No. 3, p. 90–93

2149 Hölzl, J.: **Attempts towards construction of a commodity thesaurus.** (In German). In: Intern. Classificat. 3(1976) No. 1, p. 23–32, 17 refs.
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68 On CS in the Science and Information Area

2150 Ziemski, S.: **The typology of scientific research.** In: Z. f. allg. Wiss. Theorie 6(1975) No. 2, p. 276–291, 17 refs.
The proposal distinguishes the following types of research: diagnostic and generalizing, chronological and systematic, heuristic and justificatory, universalist and specialist, theoretical and practical, explanatory and descriptive and others.

2151 Gundlach, R.: **The information language GKD/MD of the Institute for Non-Numerics (Darmstadt).** Studies in museum-documentation 3). (In German). In: Archäogr. (1974) No. 4, p. 55–76, 16 refs.
Description of the information language GKD/MD (= Gemischte Komponentendeskription/Museumsdokumentation) which is used for tests in museum documentation.

2152 Izutskiver, M. E.: **Classification and recognition of print hieroglyphs.** (In Russian). In: Naučn.-techn. Inform. Ser. 2(1975) No. 6, p. 35–41, 16 refs.
Proposal for a classification of hieroglyphic characters, describing a procedure for determining the basic (four-digit) code of a description by the geometrical features.

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69 On CS in the Culture Area

See also 1975, 2035, 2089

2153 Gundlach, R.: **The information language of the research archive for Roman plastics at the University of Köln.** (In German). In: Archäogr. (1975) No. 5, p. 25–43, 4 refs.
Presentation of the syntactic structure, thesaurus structure and text structure of the information language FPR (Forschungsarchiv für römische Plastik) which serves the formulating of informations analysed and handled by the programs of GOLEM.

2154 Malina, J. et al: **Some problems on description and classification of archaeological (stone) artefacts.** In: Archäogr. (1975) No. 5, p. 45–54, 12 refs.

7 Classification and Language

71 General Problems of Natural Languages, Metalanguages, Semiotics

2155 Rickheit, G.: **Semiotics – an interdisciplinary science.** Semiotisches Kolloquium, Berlin 1–5 Oct. 1975. (In German). In: Z. für germanist. Linguistik 4(1976) No. 1, p. 65–78
Report about the aims and the topics of the colloquium, e. g. strategies of sign recognition (visual and audial), problems of super sign formation (architectural semiotics), multimedia communication, verbal and nonverbal signsystems, semiotics in art, music, philosophy. Preliminary actions were taken towards forming a German Society for Semiotics with a link to the International Association for Semiotic Studies (IASS).

2156 Sparck Jones, K., Kay, M.: **Linguistik und Informationswissenschaft.** (German translation by E. Couper and R. Kuhlen of 'Linguistics and information science'.) München: Verlag Dokumentation 1976, 261 p., DM 18.80 ISBN 3-7940-2653-5. = UTB 571

72 Semantics

See also 1988

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Commentary to the book of W. L. Fischer: Äquivalenz- und Toleranzstrukturen in der Linguistik. Zur Theorie der Synonyma. München 1973.

2158 Haralick, R. M., Ripken, K.: **An associative-categorial model of word meaning.** In: Artif. Intellig. 6 (1975) No. 1, p. 75–99, 18 refs.

2159 Wilks, Y.: **A preferential, pattern-seeking, semantics for natural language inference.** In: Artif. Intellig. 6(1975) No. 1, p. 53–74, 15 refs.

73 Automatic Language Processing

See also 1971, 2077, 2081

2160 Carroll, J. M.: **Use of synthetic text in the evaluation of statistically based keyword-selection strategies.** In: J. Amer. Soc. Inform. Sci. 26(1975) No. 4, p. 261–262, 6 refs.

2161 Cejpek, J.: **Application of the full text method in the system of legal informations.** (In Czech). In: Československ. inform. 17(1975) No. 11, p. 288–294, 15 refs.

2162 Hoffmann, D., Müller-Töpler, M.: **Text analysis system PASSAT. Automatic selection of keywords form texts.** (In German). München: Siemes 1975. 30 p., 7 refs. = Siemens-Schriftenreihe Data Praxis 149.

2163 Jaene, H., Seelbach, D.: Zentralstelle f. maschinelle Dokumentation: **Automatic extraction of composite expressions from English special texts.** (In German). Berlin-W: Beuth-Verl. 1975. 88 p., 10 figs, 10 tab., 17 refs. = ZMD-A-29

2164 Schank, R. C.: **Conceptual information processing.** Amsterdam: North-Holland Publ. 1975. 382 p., ca. 100 figs., 47 refs. = Fundamental Studies in Computer Science 3.

76 Lexicon/Dictionary Problems

See also 2044

2165 Guilbert, L.: **La créativité lexicale.** Paris: Larousse 1975. 285 p., 157 refs.

2166 Henne, H., Weinrich, H.: **Project of a new big lexicon of the German language.** (In German). In: Z. für germanist. Linguistik 4(1976) No. 1, p. 55–64
Report about the results of two conferences and their theses held at the Werner Reimers Stiftung, Bad Homburg, 12–13 dec. 75 and 7 febr. 1976 concerning an interdisciplinary lexicon of all the general and subject-related words of the German language envisaged to comprise about 20 volumes and to take about 20 years.

2167 Schulz, J.: **Automatic interrogation of a terminology data base.** (In German). In: Nachr. Dok. 27(1976) No. 2, p. 62–66, 6 refs.
Description of difficulties and of methodology used, e. g. in the treatment of inflected forms, nominal phrases, multiword terms.

77 General Problems of Terminology

See also 1940, 2021

2168 Bausch, K.-H., Schewe, W. H. U., Spiegel, H.-R.; Deutsches Institut für Normung (DIN): **Fachsprachen. Terminologie. Struktur. Normung.** (In German). Berlin-Köln: Beuth-Verlag 1976. 168 p. = DIN Normungskunde H. 4
Contains three original articles and sixteen reprints from articles by E. Wüster, G. Wersig, G. Klaus, J. Filipec, R. Pelka, R. Schütze, R. Herzog, L. Drozd, A. Warner, H. Ischreyt, H.-R. Spiegel concerning terminological topics. The original articles are by D. Möhn, K.-H. Bausch and W. H. U. Schewe/H. R. Spiegel.

2169 Beling, G.: **Application of electronic data processing to terminological and lexicographic work.** (In German). In: Dt. Ges. f. Dok., Arb.stelle f. Terminol. u. Sprachfr. (DGD/ATS): Probleme der Terminologiearbeit. Frankfurt 1976. p. 78–90, 4 refs.

2170 Laurent, J.: **The terminological data bank of AFNOR: NORMATERM.** (In French). In: Courrier Norm., Fr., 42 (1975) No. 245, p. 482–486, 4 refs.

2171 Régie de la Langue Française: **Essai de définition de la terminologie.** Actes du Colloque Internationale de Terminologie. Québec, 5–8 oct. 1975. Québec, Canada: Regie de la Langue Française 1976. 208 p.
Papers and discussions of a meeting trying to define terminology from the point of view of its theoretical foundation, its methodology of work and the education of terminologists.

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78 Special Terminology Problems

2172 Leclerq, H.: **Concerning neologisms of Greek origin.** (In French). In: Etudes Classiques 44(1976) No. 2, p. 97–108
Kinds of word formations with parts of Greek origin in the French language; obstacles for understanding and present proliferation in correct and in hybrid forms.

2173 Poluškin, V. A., Ždanova, G. S.: **Development of terminological work in information science.** (In Russian). In: Issled. kom. teor. osn. naučn. inf. Sb. dokl., Moskva 1974. Moscow 1975. p. 342–354

79 Problems of Translation (incl. Multilingual CS)

See also 1945, 1987, 1996, 1998, 2000–2003, 2069

2174 Belopol'skaja, L. A., Nefedova, T. A., Burova, E. S.: **Design experience with bilingual (Czech-Russian and Russian-Czech) keyword dictionaries.** (In Russian). In: Sb. nauč. tr. NII techn.-ekon. issled. (1974) No. 2 (6), p. 86-95

2175 Winkler, H.: **Linguistic aspects in the development of descriptors for Russian-German/German-Russian thesauri.** (In German). In: Informatik 22(1975) No. 3, p. 22–25, 3 refs.

8 Applied Classing and Indexing

81 General Problems and Indexing Rules

See also 1874, 1946, 2013, 2017

2176 Bernhardt, R.: **Index generation.** (In German). In: Deutsche UNESCO-Kommission: Elektronische Datenverarbeitung in Bibliotheken. Regensburg 1970. München: Verlag Dokumentation 1975. p. 215–225, 5 figs., 11 refs.
The following four activities may be accomplished with the help of the computer: (1) correction of the index, (2) structure of index entries, (3) sorting and cumulating the index entries, and (4) output and setting of the index (preparation of a printable copy).

2177 **INIS Subject Indexing Samples.** Wien: International Atomic Energy Agency 1975. 354 p., 131 figs., 32 tab., 30 refs., = IAEA-INIS-16 (Rev. o)
Collection of examples intended to illustrate the application of the three INIS indexing tools (1) subject categories and scope description, (2) manual for indexing, (3) thesaurus.

2178 Kämpfer, M.: **Does a thesaurus facilitate the generation of user-oriented indexes?** (In German). In: Mitt. Ges. Bibl. wes. u. Dok. d. Landbaues (1976) No. 24, p. 81–110, 65 refs.

83 Indexing of and by Titles, Phrases

See also 2066–2071

2179 Neelameghan, A., Gopinath, M. A.: **Postulate-based permuted subject indexing. (POPSI).** In: Libr. Sci. Slant Doc. 12(1975) No. 3, p. 79–87, 7 refs.
Practical steps and guidelines for formulating coextensive subject structures and their verbal representation, and for deriving from them subject headings and subject index entries are given. Rules for the choice, rendering and style of presenting the different sections – lead term section, subject representation section, and reference section of POPSI index entries are presribed. Examples. (Author, abbr.)

84 Indexing of Texts

2180 Busa, R.: **The Index Thomisticus.** (In German). In: IBM-Nachr. 25(1975) No. 228, p. 317–324, 5 refs.
Report about the generation of a complete index to all of the words in the 179 works of Thomas Aquinas, from the start in 1949 until to the printing of the Index in 1973, using IBM Computers. 120 magnetic tapes for 800 characters per inch were necessary for the storage of the lemmatized text (25 000 lemmas in 147 000 word forms of altogether 10 600 000 words). Description also of the structure of the Index.

87 Indexing of Secondary Literature

2181 Bakewell, K. G. B.: **Indexing methods used by some abstracting and indexing services.** In: Indexer 10 (1976) No. 1, p. 3–8, 12 refs.
Various methods used for compiling the subject indexes of abstracting and indexing services are described, with particular reference to Applied Science and Technology Index, Education Index, Current Journals in Education, World Textile Abstracts, Library and Information Science Abstracts, the abstracting journals issued by Anbar Publ. Ltd., and Sociology of Education Abstracts. The possibilities of a standardised system are considered. (Author, abbr.)

2182 Osipenko, Ts. D.: **Structure of indexes to 'Chemical Abstracts'.** (In Russian). In: Naučn.-techn. Inform. Ser. 1(1974) No. 5, p. 18–23

88 Indexing of Primary Literature and Documents

2183 Irwin, J., Shook, S. (Comps.): **Flagstaff cooperative newspaper indexing project. Manual.** Flagstaff, Ariz.: Northern Arizona University Library 1974. 51 p. = EDRS:ED 105 842
The goal of the project was to develop a high quality and low cost system for indexing historical collections of newspapers. The manual provides a. o. instructions for the indexing, filing, editing and typing processes; a list of subject headings used and a sample subject and name index for the Arizona Champion 1883–1884. (Author, abbr.)

2184 Perica, E.: **Newspaper indexing for historical societies, colleges and high schools.** Monroe, N. Y.: Library Research Assoc. 1975. 55 p., $ 2.45
Rules and procedures are given for deciding what kinds of information to index and what to avoid; storing and preserving the newspaper; reading and marking the paper; preparing cards, card sets, continuation cards, and cross references; dealing with subject entries of various kinds and filing and alphabetizing cards. Lists of reference tools, necessary supplies, useful abbreviations and a bibliography are provided. (Author, abbr.)

9 Classification "Milieu" (Org. & Econ.)

92 Persons and Institutions in Classification

2185 Campbell, D. J.: **A short biography of Henry Evelyn Bliss** (1870–1955). In: J. Doc. 32(1976) No. 2, p. 134–145, 11 refs.
Longer version of the biography which will appear in the Introductory Volume of the new edition of the Bibliographic Classification, foreseen for publication in 1976.

2186 Gopinath, M. A.: **Dewey and Ranganathan.** In: Intern. Classificat. 3(1976) No. 1, p. 1–2, 4 refs.
Comparison of the two pioneers in library science and classification as an homage to Melvil Dewey at the occasion of the centennial of his classification system.

2187 Humblet, J.-E.: **Paul Otlet and Henri La Fontaine are Inventors of the UDC and Founders of the Interna-**

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tional Institute of Bibliography. In: Intern. Forum on Inform. & Doc. 1(1976) No. 2, p. 6–8
Short description of the lives of these two great Belgium lawyers, bibliographers, classificationists, founders of the FID and the Union of International Associations, and writers and strivers for peace in this world.

2188 Beling, G. et al: **Der Fachnormenausschuß Terminologie (FNT) – Aufgaben und Ziele.** In: DIN-Mitt. 54(1975) No. 11, p. 541–544

93 Organisation of Class. on the National and International Level

See also 1980, 1983, 2134

2189 Barth, C.: **The advanced state of development of thesaurus work in the USSR and the use of Soviet experience in East Germany.** (In German). In: Informatik 22(1975) No. 2, p. 30–33, 10 refs.
In the USSR all thesauri have to be centrally registered and officially accepted, there is a central thesaurus collection. All have to be used for a trial period first before being finally accepted.

2190 Kofnovec, L.: **Tasks of indexing languages in natinal and international systems of scientific and technical information.** (In Czech). In: Československ. Inform. 17(1975) No. 10, p. 246–251

2191 Marinete, L.: **International cooperation in the reclassification of search files according to the International Patent Classification (IPC).** In: Role pat. inf. res. dev. Symp., Moscow. Geneva: World Intellect. Prop. Organ. 1975. p. 189–207
Two differents methods for the realization of the classification of card files according to the IPC are proposed – either by direct communication with the patent offices or via a central intermediary office. The costs of reclassification are analyzed.

2192 Weitemeyer, M.: **Classification systems and classification data.** (In Danish). I Udlandet 1975. Rapport til Forsningsbibliotekernes, Foellesrads, Forretningsudvalg. Copenhagen 1976. 55 p.
For a summary of this report see contribution by M. Weitemeyer in Intern. Classificat. 3(1976) No. 2.

2193 Žuržalina, N. P.: **International meeting of library classification experts.** (In Russian). In: Sov. Bibliografija (1975) No. 4, p. 31–36
An international meeting of representatives from national libraries of East-European countries took place in Varna, Bulgaria, Nov. 1974 to discuss a common language for bibliographic data interchange. Among the three different languages considered (UDC, LBC, and a descriptor language) to LBC (BBK) was favored by most of the participants as a possible common classification.

95 Education and Training in Classification and Indexing

2194 Bhattacharyya, G.: **Project on study of subjects.** In: Libr. Sci. Slant Doc. 12(1975) No. 3, p. 65–79
Arguments and materials for a study of subjects in courses in library and information science. Suggestions are based on the experience gained in organising and guiding projects on the "Study of subjects" at DRTC.

98 User Studies

See also 2060

2195 British Library Working Party on Classification and Indexing: **Final Report.** Boston Spa, Wetherby: British Library, Publ. Dept. 1975. 23 p. + App. (480 p. on microfiches) = BLRD No. 5233. ISBN 085350 1335
Investigation into the possibilities for the classification and indexing to be used in the Reference Division of the British Library. It was recommended and accepted to use the Dewey Decimal Classification for the shelving and the PRECIS system for the continuation of the Subject Index.

2196 Campbell, D. J.: **A survey of British practice in coordinate indexing in information/library units.** London: Aslib 1975. 76 p., 61 tabl., 7 refs.
From 146 questionnaires returned a subsample of 30 was selected for analysis.

2197 Comaromi, J. P., Michael, M. E., Bloom, J.: **A survey of the use of the Dewey Decimal Classification in the United States and Canada.** Albany, N. Y.: Forest Press. Lake Placid Foundation 1975. 326 p.
Responses and statistical evaluation of 79 questions of a questionnaire sent to school, public, junior college, college and university and processing centers' libraries. Special libraries were excluded. The survey was conducted by the University of Illinois Library Research Center, Champaign, Illinois. It lasted from Jan. 1, to Nov. 7, 1975. One result: 85.4 % of all libraries in the USA and Canada are using today the DDC.

2198 Sørensen, J.: **Report regarding the possibility of using PRECIS in Denmark.** (In Danish). Ballerup, DK: Bibliotekscentralen (Library Bureau) 1974. 37 p.

99 Standardization in Classification

2199 Oberschelp, R.: **Standard classification and classification of the Munich State Library.** (In German). In: DFWDok. Inform. 24(1976) No. 2, p. 55–59, 4 refs.

2200 Remmert, M.: **Development and problems of a standard classification for German libraries (1884–1974).** (In German). Berlin-W: Dt. Bibl. verb., Arb.stelle f. d. Bibl.wes. 1976. 71 p., 83 refs. = Bibliotheksdienst Beiheft 121

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