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INTERNATIONAL CLASSIFICATION

A Journal Devoted to Concept Theory, Organization of Knowledge and Data, and to Systematic Terminology

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Foskett, D. J.: Systems theory and its relevance to documentary classification.
In: Intern. Classificat. 7 (1980) No. 1, p. 2–5, 15 refs

In view of the impact of systems theory for the construction of classification systems the two major contributions of Dewey are summarized as well as the new methods of facet analysis and organization brought into classification by Ranganathan. With the latter's 'canonical' solution for the contents and arrangement of main classes, however, contemporary philosophical thought regarding the organization of knowledge seems to have been neglected. The work of the Classification Research Group and elsewhere considering integrative level theory will improve the science of classification systems construction. Besides this the influence from psychology and linguistics on the recognition of relationships between concepts is outlined as well as some practical implications of the systems approach on classification. I.C.

Vasarhelyi, P.: The relevance of INTERCONCEPT for classification and indexing.
In: Intern. Classificat. 7 (1980) No. 1, p. 6–9, 6 refs

Presentation of the ideas and aims of the Unesco Interconcept Project also intended to become a programme of either the Unesco or any other institution interested in the promotion of international understanding by means of conceptual control and analysis in the fields of the social sciences. The article outlines some of the problems yet to be solved, the solution under study, and the organizational matters. It reports also on some of the findings of the Pilot Project. I. C.

Reball, S.: Redundante Indexierungssprachen als Abbild natürlicher Sprache (Redundant indexing languages patterned after the natural language.)
In: Intern. Classificat. 7 (1980) No. 1, p. 10–12, 7 refs.

The proposal to raise indexing language convenience at the expense of specificity calls for closer orientation to the natural language, which combines utmost convenience with variability, semantic universality, vagueness, redundancy and other, at first sight negative properties. Document titles are cited for comparison to show that these titles adhere more closely in the required sense, to the natural language than customary indexations and may well show the way toward more natural language indexations.
Automatic translation of document titles already being common practice, the prospects for automatic processing of the proposed more convenient indexations are good. (Author, transl.)

Fugmann, R.: On the practice of indexing and its theoretical foundations.
In: Intern. Classificat. 7 (1980) No. 1, p. 13–20, 41 refs.

This article introduces a series of eight papers giving a survey of the decisions to be made in the choice of the most expedient indexing method and presenting a short description of the contents of each of the papers, namely: The definability of the requested information. – Individual vs. generic concepts: The predictability of their mode of expression. – The fidelity of concept representation: The indexing language vocabulary. – The indexing language grammar. – The category-controlled interplay between vocabulary and grammar in an indexing language. – The practice of information supply: the personal file. – The employment of a large indexing language vocabulary. – The employment of an indexing language syntax. I.C

Craven, T. C.: Simulation of visually displayed indexes.
In: Intern. Classificat. 7 (1980) No. 1, p. 21–24, 15 refs

Potential applications of simulated visually displayed indexes include training of indexers and testing, evaluation, and selection of indexing systems; control of index simulator parameters could be valuable in experimental observation of index use; index simulators might aid on-line users in selecting browsing display formats. Simulation has certain advantages over the use of real indexes for these purposes.

A pilot NEPHIS index simulator, written in PET BASIC, generates "pseudostrings" (hypothetical subject descriptions) from a user-supplied input string and permutes and sorts the pseudostrings to produce a simulated index, or "pseudoindex". More sophisticated systems for the extrapolation of subject descriptions might be developed in future. (Author)

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Form and Subject Categories for CLASSIFICATION LITERATURE

0 Form divisions

01 Bibliographies
02 Literature reviews
02 Dictionaries, terminologies
04 Classification systems & thesauri
05 Periodicals and serials
06 Conference reports, proceedings
07 Text books (whole field)*
08 Other monographs (whole field)*
09 Standards, guidelines

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12 Conceptual basis of class.
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15 Psychol. & epistemol. of class.
16 Development of science and class.
17 Classification problems
18 Classification research
19 History of classification

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22 Elements and special structures
23 Construction of CS
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25 Sequencing of concepts/classes
26 Notation, codes
27 Compilation, updating, storage & maintenance of CS
28 Compatibility and concordances of CS
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32 Subject analysis
33 Classing and indexing techniques
34 Automatic classing and indexing
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39 Evaluation of indexing

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43 On the DDC
44 On the LCC
45 On the Bliss Classification, BC
46 On the Colon Classification, CC
47 On the Libr.-Bibliogr. Class., LBC (BBK)
48 On other universal CS (alph.)
49 On CS for special user groups

* Monographs on special topics at spec. subdivisions
** CS stands for *C*lassification *S*ystems including thesauri

5 On special objects CS (taxonomies)

51 Numerical taxonomy***
52 On taxonomies and nomenclature for chem.
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55 On taxonomies in the human area
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62 On CS for physics and chemistry, incl. el.
63 On CS for the astro- and geosciences
64 On CS in the bio-area
65 On CS in the human area
66 On CS in the socio-area
67 On CS in the economics and technol. area
68 On CS in the information area
69 On CS in the culture and humanities area

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72 Semantics
73 Automatic language processing
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79 Problems of translation (incl. multiling. CS)

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84 Indexing of texts
85 Book indexing
86 Indexing and indexes of CS
87 Indexing of secondary literature
88 Indexing of primary literature
89 Classing and indexing of pictures, etc.

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91 General probl. of organisation of class.
92 Persons and institutions in class.
93 Org. of class. on the national level
94 Org. of class. on the intern. level
95 Education and training in class. & index.
97 Economic aspects
98 User studies
99 Standardization in classification

*** Except for 51 outline follows under 5 and 6 the main divisions in scheme ob subject fields as given in I.C.2 (1975) No. 1, p. 36

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