

IC

CLASSIFICATION

INTERNATIONAL

Devoted to Concept Theory  
Systematic Terminology &  
Organization of Knowledge

Contents

Pattern Indexing: an Attempt at Combining  
Standardized and Free Indexing

Present State and Future Development of  
Information Retrieval Languages in  
Czechoslovakia

Functional Classification II

Informetric Analyses Based on the Textword  
Method

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I.C. Vol. 11 (1984) Nr. 3

**Schnelling, H.: Pattern Indexing: an attempt at combining standardized and free indexing.**

Int. Classif. 11 (1984) No. 3, p. 128-132, 33 refs.

In order to find a pragmatic solution for the problem of terminology control in alphabetical subject catalogs and also to avoid rather dogmatic discussions of pros and cons of standardization, this paper pursues the idea of having patterns generated from the topical and terminological requirements of certain scientific disciplines. These patterns provide a structured set of fixed indexing terms, which will have to be complemented with free terms to achieve flexible and adequate indexing. An exemplary pattern is generated (from literary scholarship and criticism) and applied to Shakespeare studies. (Author)

**Judge, A.: Functional classification. II**

In: Int. Classif. 11 (1984) No. 3, p. 139-150, 33 refs.

Continuation of article published in Int. Classif. 11 (1984) No. 2, p. 69-76. Review of the problems and possibilities of classing the 20 000 international bodies and treaties described in the *Yearbook of International Organisations* as well as their preoccupation in the form of "World Problems", disciplines and occupations described in the *Yearbook of World Problems and Human Potential* (9 000 entries). Describes the design considerations for an alternative approach as compromise between the practicalities of directory production, facilitation of classification experiments, and an emphasis on incorporating richer patterns of relationship between activities to facilitate understanding of functional interjections.

The first approach was developed from *I. Dahlberg's* ICC Scheme modified in the light of insights from the periodic classification of chemical elements. The result is compared to a presentation of interrelationships of different levels of inquiry and modes of experience arising from a study by *Eric Jantsch*. The resulting experimental matrix of codes, discussed in the second part was used to class titles by computer which were published in *Global Action Networks*, classified directory by subject and region (Vol. 3 of the *Yearbook of International Organisations*).

(Author)

**Stančíková, P.: Present state and future development of information retrieval languages in Czechoslovakia.**

In: Int. Classif. 11 (1984) No. 3, p. 133-138, 30 refs.

Report covers at first so-called systematic information retrieval (IR) languages, such as the UDC and its application in the Slovak National Bibliography, in agriculture (ARDIC-EC), in the Slovak Technical Library and in the Central Economical Library; and the application of the Soviet Library Bibliographical Classification (LBC) at the University Library of Bratislava.

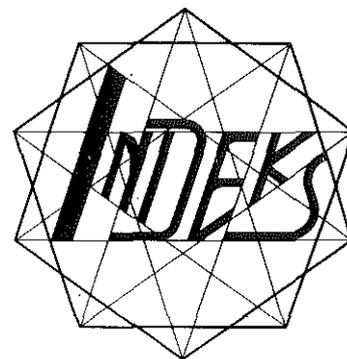
A third kind of systematic IR language is the Rubricator System of the International System of Scientific-Technical Information (ISST). It is explained and described in its application to the field of water research and engineering industry. Secondly special subject retrieval languages are dealt with. Three kinds are distinguished and described in the fields of radiohygiene, environmental pollution control, agriculture, medicine, chemistry, law, building, and water research. Concludingly a list of further activities and the planned development within the ISST are outlined. (I.C.)

**W.G. Stock: Informetric analyses based on the textword method.**

In: Int. Classif. 11 (1984) No. 3, p. 151-157, 14 refs. (In German)

Informetrics, i.e. the quantitative consideration of (scientific) informations, has its foundation of observation in signals and messages, which are fixed within (scientific) texts. This article introduces those informetric methods working with the textword-method. This method of documentation, elaborated by *N. Henrichs*, is independent of vocabularies (thesauri) and classification systems; it allows the following informetric analyses: 1st neighbourhood and environment of terms, 2nd term clusters, and 3rd (quantitative) importance of terms. The results of "textword-informetrics" are useful for information science (e.g. thesaurus construction within normal sciences), information practice (e.g. information retrieval based on textword method), science and philosophy of science (e.g. history and systematics of concepts and terminologies), and for sciences and humanities (even informetric based scientific discoveries are possible). (Author)

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288p., DM 48.- SK-13

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1981. Frankfurt 1982. 382 p., bound DM 64.80

WHO IS WHO IN CLASSIFICATION AND INDEXING. Comp.& ed.by I.Dahlberg.  
(Some 700 persons from 45 countries). Frankfurt 1983. 176 p., DM 20.- (\$8.-)  
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