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The Term - Organized and Organizing Knowledge

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Toward Knowledge Organizing SENSUS

Maev, St.: **The term - organized and organizing knowledge.**
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Using the language of contemporary science scientific approaches to term-formation are outlined. A term is looked at as a carrier of organized knowledge, in particular scientific fields and also an organizing tool of human communication. It contributes to a higher level of language culture.   (Author)

Atanasov, A., Petrov, P., Spachiev, N., Triffonov, S.: **Toward knowledge organizing SENSUS.**
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This report presents problems emerging from and facing the Search Interdisciplinary Group for Knowledge Organization and Term Analysis (SIG KOTA). In particular it shows the alterations in the objectives, methodology and contents of a particular research, originating from its natural deepening.
          (Authors)

The term was looked at as an independent type of verbal sign in the first Bulgarian Encyclopaedia of scientific terms in Bulgarian literary language. This was Dr. Peter Beron's "ABC Book with Different Instructions" or "Riben Boukvar", published in 1824. The terms in it have no real definitions as yet, but they are considered elements of the language of science.

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The classifying term 'word', introduced by Ivan Bogorov during the last century, still exists in the terminology of the Bulgarian literary language.

The term denotes an object and expresses a definite concept and its essential feature. Debates between scientists are usually not about different things but about things denoted by one and the same term. The explanation of the meaning of words will save us from delusions. The concreteness of the words in scientific activity means a high level of language culture and thus of culture in using terms. That is why the term as a designation of a scientific concept can be looked at as organized as well as organizing knowledge. The presence of disorder and spontaneity in terminology leads to letting down barriers in the international exchange of knowledge.

The report traces the way which SIG KOTA pursued from the idea of originating a basically new explanatory and translative thesaurus dictionary to the SENSUS Project (setting up of a conceptual-terminological knowledge-based system, constructed and organized by the so-called *Abstract Sensus*).

The negative experience is considered of trying to construct a model for knowledge organization which was to be realized on the ground of delimiting of conceptual relations and to be applied in the automated compilation of a modified thesaurus dictionary. The authors outline also differences of opinion with some of the existing conceptions concerning the ways and models of knowledge representation.

The term *Sensus*, introduced by the authors, is being used with the following connotation: an abstract instrument, a device, offering an opportunity to describe objects and their interrelations as a set of their registered manifestations.

The reason for introducing the *Abstract Sensus* (or "Sensus being revealed") is that the essence of that *Sensus* is presented as well as its application.

The creation of a basic and a derivative (introduced and produced respectively) *Sensus* is described.

The principal property of this model is clarified: *Sensus'* perfection acts as an instrument of knowledge generalization.