

ORGANISM MODEL OF NOOSHPPHERE - INTELNET

The development of National and International Projects and Programmes to solve Major Problems, including those concerned with energy, ecology, demography and other problems, implies caving out simultaneously complex interdisciplinary research and effective organization of multiprofessional personel. This results in having an adequate representation of intellectual activity in a single system of objects and subjects, that is, of natural and social systems, and as a consequence, in integrating natural, engineering and social sciences within the framework of a single world outlook and concept.

The above problems are settled using the noosphere organism model, i.e. the virtual information network of collective intelligence - INTELNET, functioning as a selforganizing system of artificial intelligence in the INTRANET/INTERNET environment.

Schemes for solving central problems of methodology and technology of artificial intelligence as well as philosophy of constructing a friendly interface have been suggested in terms of the system of a universal category-concept-terminology language of all the spheres of intellectual activity.