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An Overall Identification of Joint Research Proposal
to SUNY, USA

The following proposals have been recently given as to the joint research activities between Ekonomska fakulteta Borisa Kidriča (Ljubljana) and SUNY (New York):

1. a methodology of optimal economic fusion and optimal design of business organisations
2. a multidimensional assignment problem
3. a multidimensional data base
4. a computer-oriented international economic relations modeling
5. continuously adaptive on-line management and control of micro-economic systems

This group of research items belongs to the field of informatics in economics, or, more precisely, to the field of computer assisted support in decision making and problem solving. In extension, a series of preliminary research projects have identified these key problems in the field of economics, business and organisation. They are based on the thorough examination of the relevant up to date literature and matched to real life physiology of these problems in practice. The results of preliminary studies and tests are encouraging enough to set about the systematic study, development and implementation of the results followed in the spirit of the following guide-lines:

- decisions in general should be based on more than one single information;
- the classical causality principle (determinism) should be replaced by the generalized causality principle (stochasticity) and even by that of ultrastochasticity (chaos);