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Editorial

This journal is edited by the Systems Research Institute of the Polish Academy of Sciences. Its main objective is to stimulate the development of cybernetical and systems sciences through publication of papers by authors from the Institute as well as from Poland and abroad.

The field of interest covers general concepts, theories, methods and techniques associated with control and management in various systems (e.g. technological, economical, ecological, social).

The journal is particularly interested in results in the following areas of research:

Systems and control theory

- General systems theory
- Optimal control and optimization theory
- Optimization algorithms
- Modelling and identification
- Decomposition and coordination methods
- Game theory and polioptimization
- Stochastic and fuzzy systems

Systems control and management

- System analysis of national and regional development
- Modelling and control of complex systems (e.g. energy, water, industrial, agriculture)
- Computer aided management and control
- Methodological aspects of applications of control and systems methods

We hope that Control and Cybernetics will contribute to the development of systems and control sciences and will stimulate and encourage applications of systems approach in different areas.

The consecutive issue of Control and Cybernetics, No. 2 of 1986 shall be entirely devoted to new methods of Cluster Analysis and their applications, with special emphasis on use of optimization approaches. This special issue shall be edited by Jan W. Owsinski.