

Control and Cybernetics

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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 by publishing 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 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.

About this Special Issue

The Special Issue on "Systems Theory in Economics, Management and Technology" is an exception from the journal's policy, which does not envisage publication en bloc of conference materials. This particular exception can be justified by the will of presenting a product obtained in the course of a long-standing fruitful bilateral international cooperation, from which not only the two cooperating institutions, but also the corresponding broader scientific communities within and outside the two countries directly involved do benefit. Namely, the issue contains most of the papers presented at the 7-th Polish-Italian Symposium on Systems Theory in Economics, Management and Technology, which was held in Zakopane, Warsaw and Cracow, Poland, on June 3-8, 1985. This meeting, as well as the previous ones, has been organized by the Systems Research Institute of the Polish Academy of Sciences and by the Italian National Research Council (C.N.R.). Symposia of this kind are organized since 1971 alternately in both countries.

Thus, the title of this Special Issue is taken literally from the heading of the Symposium. The setup of the issue and paper review responsibility was entirely in the hands of the Guest-Editors. The final result, we hope not only well illustrates the contents of cooperation, but is also scientifically valuable and interesting for the Readers of our journal.

Editorial Board
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