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Special issue: System Structure and Control. II

SPECIAL ISSUE:

System Structure and Control II

The Editorial Board of Kybernetika has offered the possibility of publishing selected papers presented at the Workshop on System Structure and Control, which was held in Prague during September 3–5, 1992.

The Workshop was sponsored by the International Federation of Automatic Control (IFAC) and organized by the Institute of Information Theory and Automation of the Czechoslovak Academy of Sciences.

The aim of the Workshop was to bring together researchers on algebraic and geometric methods in system theory and control, to compare and discuss the two approaches. The attention focused on linear systems, and the topics included system structure, stability and stabilization, decoupling by state feedback, and linear control. Special attention was given to descriptor and 2-D systems.

The Workshop was attended by 146 participants from 26 countries. Out of 135 contributions presented, 7 were selected for publication in this Special Issue of Kybernetika. They are published in the hope that they will provide a useful documentary of recent development in the field of system theory and control.

Vladimír Kučera
Editor-in-Chief