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SPECIAL ISSUE:

6th IEEE Mediterranean Conference on Control and Systems

The Editorial Board of Kybernetika has offered the possibility of publishing selected papers presented at the 6th IEEE Mediterranean Conference on Control and Systems, which was held in Alghero, Italy during June 9–11, 1998.

The technical co-sponsors of the Symposium were The IEEE Control Systems Society, The University of Roma Tre and The University of Ancona.

The central theme of the Conference was control and system theory with emphasis on the current theoretical developments as well as the latest applications to engineering problems. There were three parallel tracks each day which included sessions in Linear and Nonlinear Systems, Delay Systems, Variable Structure Control, Flexible Manufacturing Systems, Robotics, Infinite Dimensional Systems among others. The plenary lectures were delivered by P. Dorato (Quantified Multivariable Polynomial Inequalities: The Mathematics Of Almost All Practical Control Design Problems) of the University of New Mexico, M. Milanese (Identification Of Uncertain Models For Robust Control Design) of the Politecnico di Torino, and B. Brogliato (Modelling And Control Of Non-Smooth Hybrid Mechanical Systems) of the Laboratoire d'Automatique de Grenoble.

The papers found in this special issue cover a wide range of topics that include stability of linear systems, nonlinear systems and distributed parameter systems.

The papers are selected after a strict review process. They highlight some of the most important recent developments in the area of systems theory and control.

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Guest Editors