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Special issue: 5th IEEE Mediterranean Conference on Control and Systems

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SPECIAL ISSUE:

5th IEEE Mediterranean Conference on Control and Systems

The Editorial Board of Kybernetika has offered the possibility of publishing selected papers presented at the 5th IEEE Mediterranean Conference on Control and Systems, which was held in Paphos, Cyprus during July 21 – 23, 1997.

The technical co-sponsors of the Symposium were The IEEE Control Systems Society, The University of Cyprus, The Technical Universities of Crete and Patras and The IEEE Cyprus Section.

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 four parallel tracks each day which included sessions in Hybrid and Discrete Event Systems, Infinite Dimensional Systems, Digital Signal Processing, Robust and Adaptive Control, Automotive Systems and Robotics among others. The plenary lecture was delivered by Sanjoy K. Mitter of MIT and was titled Logic, Mathematical Programming and Hybrid Systems.

The papers found in this special issue cover a wide range of topics that include linear systems over max-plus, linear systems, adaptive optics, digital signal processing, robust control and infinite dimensional 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