

CMS'05 Special Session on

Numerics in Modern Systems Theory and Applications

organized by

KRZYSZTOF GAŁKOWSKI
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- *Joerg Raisch, Ivan Angelov, Otto-von-Guericke Universitaet Magdeburg, Germany*
Control problems in batch crystallisation of enantiomers
- *Steve Daley, Jari Hätönen, David H. Owens, The University of Sheffield, UK*
A Recursive Least Squares Based Harmonic Controller for Active Vibration Isolation
- *Fritz Boschen, Anton Kummert, Dirk Rathjen, University of Wuppertal, Atlas Elektronik GmbH, Bremen, Germany*
Convolution based fast algorithms for simulation of sonar signals
- *Mohamed Salah Saadni, Olivier Bachelier, Driss Mehdi, ESIP-LAII, France*
Stability and stabilization of a class of dynamical systems with delayed states
- *Sandrine Moreau, Olivier Bachelier, Driss Mehdi, ESIP-LAII, France*
Stabilization of a class of descriptor systems. An application to a DC motor
- *Jacek Bochniak, Krzysztof Galkowski, Anton Kummer, University of Zielona Gora, Poland, University of Wuppertal, Germany*
Numerically efficient stabilisation of switched repetitive processes