
CONTENTS

J.C. DE LOS REYES, P. MERINO, J. REHBERG, F. TRÖLTZSCH:	5
Optimality conditions for state-constrained PDE control problems with time-dependent controls	
HOANG VAN THI:	39
Approximate controllability for systems described by right invertible operators	
C. MEYER:	51
Error estimates for the finite-element approximation of an elliptic control problem with pointwise state and control constraints	
P.HR. PETKOV, M.M. KONSTANTINOV, N.D. CHRISTOV:	85
Conditioning and error estimates in LQG design	
M. ŁAWRYŃCZUK, W. TADEJ:	99
A computationally efficient stable dual-mode type nonlinear predictive control algorithm	
M. ŁAWRYŃCZUK, P.M. MARUSAK, P. TATJEWSKI:	133
Cooperation of model predictive control with steady-state economic optimisation	
D. QIAN, J. YI, D. ZHAO:	159
Hierarchical sliding mode control for a class of SIMO under-actuated systems	
I. LAGRAT, H. OUAKKA, I. BOUMHIDI:	177
Fuzzy adaptive control of a class of MISO nonlinear systems	
O. HRYNIEWICZ, A.M. DEEB:	191
An approximate economically optimal inspection interval for pro- duction processes with finite run length	
M. ROMANIUK:	205
Convergence diagnosis to stationary distribution in MCMC methods via atoms and renewal sets	

Book reviews

- H. Żołądek: 231
“Limit cycles of differential equations” by Colin Christopher and Chengzhi Li
- P. Kulczycki: 237
“Filtering theory with applications to fault detection, isolation, and estimation” by Ali Saberi, Anton A. Stoorvogel and Peddapullaiiah Sannuti
- P. Nowak: 239
“Point process theory and applications. Marked point and piecewise deterministic processes” by Martin Jacobsen
- J.W. Owsiański: 243
“Cluster analysis for data mining and system identification” by János Abonyi and Balázs Feil