

Contents

Kaczorek T. Realization problem for positive multivariable discrete-time linear systems with delays in the state vector and inputs	169
Boudelloua M.S. An equivalent matrix pencil for bivariate polynomial matrices	175
Czornik A. and Jurgas P. Some properties of the spectral radius of a set of matrices	183
Abdessameud A. and Khelfi M.F. A variable structure observer for the control of robot manipulators	189
Ahmed A. and Brdyś M.A. Servo tracking of targets at sea	197
Duzinkiewicz K. Set membership estimation of parameters and variables in dynamic networks by recursive algorithms with a moving measurement window	209
Debbache G., Bennia A. and Goléa N. Neural network-based MRAC control of dynamic nonlinear systems	219
Polanska J., Borys D. and Polanski A. Node assignment problem in Bayesian networks ...	233
Guarracino M.R., Perla F. and Zanetti P. A parallel block Lanczos algorithm and its implementation for the evaluation of some eigenvalues of large sparse symmetric matrices on multicomputers	241
Jankowska B.M. How to secure a high quality knowledge base in a rule-based system with uncertainty?	251
Berkoune D., Mesghouni K. and Rabenasolo B. Lower bounds for the scheduling problem with uncertain demands	263
Porwik P. and Stanković R.S. Dedicated spectral method of Boolean function decomposition	271