

Contents

Afi L., Chafai A. and Bel Fekih A.	Enlarged exact compensation in distributed systems ..	467
Horn W. and Sokółowski J.	An elastic membrane with an attached non-linear thermoelastic rod	479
Marszałek W. and Trzaska Z.	A boundary-value problem for linear PDAEs	487
Belozyorov V.Ye.	Design of linear feedbacks for bilinear control systems	493
Jakubiak J., Lefeber E., Tchoń K. and Nijmeijer H.	Two observer-based tracking algorithms for a unicycle mobile robot	513
Etien E., Cauet S., Rambault L. and Champenois G.	Control of an induction motor using sliding mode linearization	523
Kocsor A., Dombi J. and Bálint I.	Inequality-based approximation of matrix eigenvectors	533
Czornik A. and Świerniak A.	Continuity of solution of Riccati equations for the discrete-time JLQP	539
Pearson D.W. and McCartney M.	Dynamics of social networks: A deterministic approach	545
Łobos E. and Momot M.	Reliability design of complex systems by minimization the lifetime variance	553
Kościelny Cz.	Generating quasigroups for cryptographic applications	559
Porwik P.	Efficient calculation of the Reed-Muller form by means of the Walsh transform ..	571
Speck A., Pulvermüller E., Jerger M. and Franczyk B.	Component composition validation	581
Kurina G.A.	Optimal feedback control proportional to the system state can be found for non-causal descriptor systems (A remark on a paper by P.C. Müller)	591
Müller P.C.	Comment on the remark by G.A. Kurina on the paper (Müller, 1998)	595