

CONTENTS

Special section

Chang B.-J., Hwang R.-H., Tsai Y.-L., Yu B.-H. and Liang Y.-H. Cooperative adaptive driving for platooning autonomous self driving based on edge computing	213
Podolskiy V., Jindal A. and Gerndt M. Multilayered autoscaling performance evaluation: Can virtual machines and containers co-scale?	227
Chou J.-J., Shih C.-S., Wang W.-D. and Huang K.-C. IoT sensing networks for gait velocity measurement .	245
Ngoko Y., Cérin C. and Trystram D. Solving SAT in a distributed cloud: A portfolio approach	261

Regular section

Sánchez M. and Bernal M. LMI-based robust control of uncertain nonlinear systems via polytopes of polynomials	275
Wasilewski M., Pisarski D., Konowrocki R. and Bajer C.I. A new efficient adaptive control of torsional vibrations induced by switched nonlinear disturbances	285
Kaczorek T. Positivity of fractional descriptor linear discrete-time systems	305
Bingi K., Ibrahim R., Karsiti M.N., Hassam S.M. and Harindran V.R. Frequency response based curve fitting approximation of fractional-order PID controllers	311
Coll C. and Sánchez E. Parameter identification and estimation for stage-structured population models	327
Li Y., Wang H. and Meng X. Almost periodic synchronization of fuzzy cellular neural networks with time-varying delays via state-feedback and impulsive control	337
Zhao D., Liu J., Wu R., Cheng D. and Tang X. An active exploration method for data efficient reinforcement learning	351
Ruiz D. and Finke J. Lyapunov-based anomaly detection in preferential attachment networks	363
Marteau P.-F. Times series averaging and denoising from a probabilistic perspective on time-elastic kernels	375
Piotrowska M., Korvel G., Kostek B., Ciszewski T. and Czyżewski A. Machine learning-based analysis of English lateral allophones	393
Bylina B. and Bylina J. The parallel tiled WZ factorization algorithm for multicore architectures	407