

CONTENTS

Special section

Markowski K.A. Minimal positive realizations of linear continuous-time fractional descriptor systems: Two cases of an input-output digraph structure	9
Zattoni E. A geometric approach to structural model matching by output feedback in linear impulsive systems	25
Patan M. and Kowalów D. Distributed scheduling of measurements in a sensor network for parameter estimation of spatio-temporal systems	39
Srinivasarengan K., Ragot J., Aubrun C. and Maquin D. An adaptive observer design approach for a class of discrete-time nonlinear systems	55
Li S., Wang H., Aitouche A., Tian Y. and Christov N. Active fault tolerance control of a wind turbine system using an unknown input observer with an actuator fault	69
Zhou M., Rodrigues M., Shen Y. and Theilliol D. H_-/H_∞ fault detection observer design for a polytopic LPV system using the relative degree	83
Karimi Pour F., Puig V. and Ocampo-Martinez C. Multi-layer health-aware economic predictive control of a pasteurization pilot plant	97
El Fezazi N., El Haoussi F., Tissir E.H., Alvarez T. and Tadeo F. Robust stabilization using a sampled-data strategy of uncertain neutral state-delayed systems subject to input limitations	111

Regular section

Mabel Lizzy R. and Balachandran K. Boundary controllability of nonlinear stochastic fractional systems in Hilbert spaces	123
Kaczorek T. Decentralized stabilization of fractional positive descriptor continuous-time linear systems	135
Zeifman A., Razumchik R., Satin Y., Kiseleva K., Korotysheva A. and Korolev V. Bounds on the rate of convergence for one class of inhomogeneous Markovian queueing models with possible batch arrivals and services	141
Ha J.-S., Choi H.-L. and Jeon J.H. Iterative methods for efficient sampling-based optimal motion planning of nonlinear systems	155
Aldila D., Padma H., Khotimah K., Desjwiandra B. and Tasman H. Analyzing the MERS disease control strategy through an optimal control problem	169
Cantó B., Coll C. and Sánchez E. Stabilization of an epidemic model via an N -periodic approach	185
Ülkü I. and Kizgut E. Large-scale hyperspectral image compression via sparse representations based on online learning	197
Doroz R., Wrobel K. and Porwik P. An accurate fingerprint reference point determination method based on curvature estimation of separated ridges	209