## Control and Cybernetics

vol. 44 (2015) No. 2

## IN MEMORIAM PROFESSOR STEFAN ROLEWICZ 183 Nikolai P. Osmolovskii, Adam Figura, Marian Kośka and Marek 185 Wojtowicz: Extremals in the problem of minimum time obstacle avoidance for a 2D double integrator system SHEN YAN, MOUQUAN SHEN, SHUMIN FEI AND GUANGMING ZHANG: 211 A new approach to robust finite-time $H_{\infty}$ control of continuoustime Markov jump systems CELALEDDIN YEROGLU AND NUSRET TAN: 233 Note on describing function analysis of fractional order nonlinear control systems EWA M. BEDNARCZUK AND KRZYSZTOF LEŚNIEWSKI: 257 On uniform strict minima for vector-valued functions MARIAN MATLOKA: 275 Hermite-Hadamard type inequalities for h-preinvex mappings via fractional integrals MAZDAK TEIMOORTASHLOO AND ALI KHAKI SEDIGH: 287 A modified independent component analysis based fault detection method in plant-wide systems NITA H. SHAH, DIGESHKUMAR B. SHAH AND DUSHYANTKUMAR G. 311 Optimal credit period and ordering quantity for credit dependent trended demand and deteriorating items with maximum lifetime

CONTENTS