

CONTENTS

| | |
|---|-----|
| Zerrik E.H, Bourray H. and Ben Hadid S. Sensors and boundary state reconstruction of hyperbolic systems | 227 |
| Maksimov V. On one algorithm for solving the problem of source function reconstruction | 239 |
| Zhai G. and Xu X. A unified approach to stability analysis of switched linear descriptor systems under arbitrary switching | 249 |
| Bandrowski B., Karczewska A. and Rozmej P. Numerical solutions to integral equations equivalent to differential equations with fractional time | 261 |
| Tomera M. Nonlinear controller design of a ship autopilot | 271 |
| Bączyk R. and Kasiński A. Visual simultaneous localisation and map-building supported by structured landmarks | 281 |
| Kogut J. and Ciurej H. A vehicle-track-soil dynamic interaction problem in sequential and parallel formulation | 295 |
| Di Trapani L.J. and Inanc T. NTGsim: A graphical user interface and a 3D simulator for nonlinear trajectory generation methodology | 305 |
| Saeed K., Tabędzki M., Rybnik M. and Adamski M. K3M: A universal algorithm for image skeletonization and a review of thinning techniques | 317 |
| Simiński K. Rule weights in a neuro-fuzzy system with a hierarchical domain partition | 337 |
| Clempner J. A hierarchical decomposition of decision process Petri nets for modeling complex systems | 349 |
| Opara A. and Kania D. Decomposition-based logic synthesis for PAL-based CPLDs | 367 |
| Błażewicz J., Kovalyov M.Y., Musiał J., Urbański A.P. and Wojciechowski A. Internet shopping optimization problem | 385 |
| Piórkowski A. and Werewka J. Minimization of the total completion time for asynchronous transmission in a packet data-transmission system | 391 |
| Bucholc K., Chmiel K., Grocholewska-Czuryło A., Idzikowska E., Janicka-Lipska I. and Stokłosa J. Scalable PP-1 block cipher | 401 |