automatika

JOURNAL FOR CONTROL, MEASUREMENT, ELECTRONICS, COMPUTING AND COMMUNICATIONS

Published by KoREMA Member of IFAC and IMEKO ISSN 0005-1144 ATKAAF 43(3-4), 104-212(2002) UDK: 007:62/68 Zagreb, Croatia

Volume 43-2002. No **3**-_4

CONTENTS

| | 108 | Editorial |
|---|-------|--|
| Šemsudin Mašić Jasmin Čorda Senad Smaka | 109 | Computation of Static, Steady-state and Dynamic Characteristics of the Switched Reluctance Motor <i>original scientific paper</i> |
| Stjepan Bogdan Zdenko Kovačić | 119 | Fuzzy Rule-Based Adaptive Force Control of Single DOF Servo Mechanisms preliminary communication |
| Mladen Crneković Davor Zorc Dubravko Majetić | 131 | Robot Motion Planning by Limited Space Method preliminary communication |
| Masayoshi Tonouchi | 139 | Photon-Microwave Conversion in Semiconductors by Optical Car- rier Control original scientific paper |
| John Huang | 145 | The Development of Inflatable Array Antennas review |
| Davor Bonefačić Juraj Bartolić | 151 | E- and H-Plane Coupled Power Combining Arrays of Active Pat- ches with Line Transformer and Transistor Oscillator <i>original scientific paper</i> |
| Radovan Zentner Zvonimir Šipuš Naftali Herscovici | 157 | Synthesis of Omnidirectional Circular Cylindrical Stacked Patch Antenna original scientific paper |
| Zbyněk Raida, et al. | 163 | A Multimedia Textbook of EM Theory and Techniques professional paper |
| Željko Pavlaković | 168/I | Symbian Operating System for Mobile Phones |
| | 169 | Comments and Opinions |
| | 176 | Meetings and Events |
| | 182 | News and Topics |
| | 189 | Electronics in Words and Pictures |
| | 194 | Our Authors |