

automatika

JOURNAL FOR CONTROL, MEASUREMENT, ELECTRONICS,
COMPUTING AND COMMUNICATIONS

Published by KoREMA
Member of IFAC and IMEKO

Zagreb, Croatia

ISSN 0005-1144
ATKAAF 49(1-2), 1-96 (2008)
UDK: 007:62/68

Volume 49-2008
No 1-2

CONTENTS

- T. Takano, Y. Kazama,
S. Kawasaki, H. Toshiyoshi,
H. Ikeda, T. Suda*
- O. M. Bucci, M. D'Urso,
T. Isernia*
- F. De Vita, P. De Vita,
A. Di Maria, A. Freni*
- K. A. Gotsis, T. N. Kaifas,
K. Siakavara, J. N. Sahalos*
- L. Dudás, P. Kovács,
R. Seller*
- P. Černý, J. Nevrly,
M. Mazánek*
- T. Nagatsuma, N. Kukutsu,
Y. Kado*
- T. Komljenović,
M. Bosiljevac, Z. Šipuš*
- F. D'Agostino, C. Gennarelli,
R. Guerriero, G. Riccio,
C. Savarese*
- 3 Editorial**
- 5 Japan's Project for the Research and Development of Active Phased Array Antennas for Practical Applications**
Review
- 13 Some Facts and Challenges in Array Antenna Synthesis Problems**
original scientific paper
- 21 An Efficient Technique for the Analysis of Reflectarrays**
original scientific paper
- 27 Direction of Arrival (DoA) Estimation for a Switched-Beam DS-CDMA System Using Neural Networks**
original scientific paper
- 35 Digital Beamforming 2D Antenna for X-band**
original scientific paper
- 45 Distortion Minimization of Radiated Impulses of Tapered Slot Vivaldi Antenna for UWB Application**
original scientific paper
- 51 Photonic Generation of Millimeter and Terahertz Waves and Its Applications**
original scientific paper
- 61 Cost Effective FBG Based Optical Sensor**
original scientific paper
- 69 Evaluation of the Radiated Power from Near-field Measurements Acquired via the Planar Wide-mesh Scanning**
preliminary communication
- 77 Comments and Opinions**
- 81 Meetings and Events**
- 87 News and Topics**