

INTERNATIONAL JOURNAL OF NEURAL NETWORKS AND APPLICATIONS

VOLUME 9

NUMBER 1

JANUARY-JUNE 2016

Contents

<i>Syh-Shiuh Yeh</i>	Application Study of Compliant Control Techniques for Human-robot Force Interaction	1-8
<i>Abeer Mahmoud, Tokuji Okada & Toshimi Shimizu</i>	A Simulation for Estimating a Circular Trajectory of a Rotating Four-legged Mobile Robot on Regular Terrain	9-16
<i>Tattaya Pukkalanun Wason Tanjaroen & Worapong Tangsrirat</i>	Current-Mode Second-Order Notch Filter Using CDTA-Based First-Order Allpass Sections	17-21
<i>Masatoshi Hara & Jun Yoneyama</i>	An Improved Robust Stability Condition for Uncertain Discrete Time-Varying Delay Systems	23-27
<i>Chih-Chung Chou & Feng-Li Lian</i>	Integrated Multiple Navigation Algorithms for Sonar-Based Indoor Mobile Robots	29-35
<i>Hyun Cheol Cho, Jin Woo Lee, Young Jin Lee & Kwon Soon Lee</i>	Online Fault Detection and Diagnosis Algorithm Based on Probabilistic Model for Induction Machines	37-42
<i>Koichi Kurita</i>	Development of Non-Contact System for Measurement of Signals Generated during Human Motion of Stepping	43-46
<i>Yasuo Iwaki</i>	Accuracy Improvement of Blood Chemical Analysis by "Law of Propagation of Uncertainty"	47-56