



THE RADIO ELECTRONICS
ASSOCIATION OF VIETNAM



IEEE
COMMUNICATIONS
SOCIETY
Vietnam Chapter



IEEE SSCS
Vietnam Chapter

REV JOURNAL ON ELECTRONICS AND COMMUNICATIONS

<http://www.rev-jec.org>

Vol. 5, No. 3-4, July-December, 2015

TABLE OF CONTENTS

Guest Editorial: Special Issue on Advanced Computational Methods, Systems, and Industrial Engineering Applications	<i>Ha Manh Tran, Vo Nguyen Quoc Bao, Huu-Tue Huynh</i>	51
A Combination of Artificial Neural Network and Artificial Immune System for Virus Detection	<i>Mai Trong Khang, Vu Thanh Nguyen, Tuan Dinh Le</i>	52
An Enhanced Web Document Search Engine using a Semantic Network	<i>Sang Thanh Thi Nguyen, Tuan Thanh Nguyen</i>	58
FPGA-Based Multiple DDoS Countermeasure Mechanisms System Using Partial Dynamic Reconfiguration	<i>Tran Ngoc Thinh, Cuong Pham-Quoc, Biet Nguyen-Hoang, Thuy-Chau Tran-Thi, Chien Do-Minh, Quoc Nguyen-Bao, Nguyen Quoc Tuan</i>	67
State Space Reduction on Wireless Sensor Network Verification Using Component-Based Petri Net Approach	<i>Khanh Le, Thang Bui, Tho Quan</i>	76
Exploiting Context-Aware Event Data for Fault Analysis	<i>Cuong Huy Nguyen, Ha Manh Tran, Quy Tran Vu, Synh Viet Uyen Ha</i>	85