

ISSN 0973-7006

This title
is indexed
in Scopus

WILEY
SCOPUS

Far East Journal of Electronics and Communications

Special Volume 2, ICACCI-2016, Cebu, Philippines
Advanced Computing, Communications and Information Science

Free Online
Access for
Foreign Institutions



Pushpa Publishing House

Vijaya Niwas, 198 Mumfordganj
Allahabad 211002, INDIA

<http://pphmj.com/journals/fjec.htm>
fjec@pphmj.com & arun@pphmj.com

Far East Journal of Electronics and Communications Contents of Special Volume 2, ICACCI-2016, Cebu, Philippines Advanced Computing, Communications and Information Science

Glady Mae B. Payusan, Christian V. Maderazo and Angie M. Ceniza: A decision support system in facilitating properties for rent using analytic hierarchy process and goal programming	1
Ann S. Ares, Anthonette D. Cantara, Kris A. Capao, Angie M. Ceniza, Eduardo P. Mendoza, Jr., Stephanie B. Polinar, Teodora Punzalan, Mary Jane G. Sabellano and Joan M. Tero: Analyzing the correlation amongst the students taking computing course	9
Eunmi Jung and Hyenki Kim: A study on the factors to influence the estimated outcome	19
Mary Jane G. Sabellano: A system model for simultaneous processing of block scheduling and course-faculty assignment	25
Rashid Ali, Summara Asghar, Maria Spante, Sung Won Kim and Byung-Seo Kim: Competence development at workplace: a work integrated informal learning (WIIL) approach	35
Rojeena Bajracharya, Rakesh Shrestha, Syed Rashid Ali and Sung Won Kim: Power saving scheme for Wi-Fi access points	43
Tae-Hyeon Lee, Chang-Soon Kim, Bhanu Shrestha and Kwang Chul Son: Design of dual-band bandpass filter with controllable bandwidth	53
Soon Chul Kwon, An Na Park, Kyeong Cheon Min and Jeong Gwon Kim: A study on the application of image processing for the skin diagnosis in augmented reality (AR) with head mounted display (HMD)	61
Emmanuel O. Afriyie, Concepcion L. Khan and Hildie M. Nacorda: Support vector machine for seagrass and benthic bottom types classification using high resolution coastal digital aerial images	69
Chigon Hwang, Kye-Dong Jung and Jong-Yong Lee: An ontology-based service integration system for SaaS in the cloud environment	77
Chigon Hwang, Kye-Dong Jung and Jong-Yong Lee: Design of service integrated system based on service ontology for SaaS	85
Oh Seok Kwon, Kye-Dong Jung and Jong-Yong Lee: Improved LEACH protocol using the cluster optimization in wireless sensor networks	93
Dai Yeol Yun, Kye-Dong Jung and Jong-Yong Lee: Wireless sensor network algorithms using the distance and energy of sensor node	103
Woo Suk Lee, Kye-Dong Jung and Jong-Yong Lee: The cluster head election using a fuzzy approach in wireless sensor network	113
Chang Hyung Kim, Tae Kyung Sung, Kyoung Chul Kim, Kyoung Yoon Jeong, Seong Jeong and Chae-Bong Sohn: Low delay method for PSIP information converter and transmission in ATSC digital broadcast	123
Seongsoo Cho, Chung Hyeok Kim and Woon Shik Choi: Feature point algorithm necessary for composition cognition of ghost image	131
Adewole Adewumi, Collins Nwaoyo, Franklin Johnson Parejas, Sanjay Misra, Broderick Crawford and Ricardo Soto: Mobile-based emergency report and response system for academic institutions of developing countries	139
Modupe Matiluko, Zacchaeus Omogbadegun, Nicholas Omoregbe, Adewole Adewumi, Franklin Johnson Parejas, Sanjay Misra, Broderick Crawford and Ricardo Soto: Implementing a web-based immunization schedule reminder for postnatal service delivery	147
Rakesh Shrestha, Rojeena Bajracharya, Sirojiddin Djuraev, Seung Yeob Nam and Kyu-Seek Sohn: Performance evaluation of heterogeneous VANET based on simulation	155
Z. Xie and Z. W. Zhong: Changi Airport passenger volume forecasting based on an artificial neural network	163