

ISSN 2185-3118

INTERNATIONAL JOURNAL OF INTELLIGENT ENGINEERING AND SYSTEMS

Volume 1 Issue 1 March 2008



Intelligent Networks and Systems Society



The Intelligent Networks
And Systems Society

Publications

Editorial Staff

[Publications
menu](#)

**International Journal of Intelligent Engineering and
Systems**

indexed by,

| SCOPUS

| Scimago

| Crossref

| EBSCOhost

| Ulrich's

| OAJI

UGC Approved Journal (Journal No. 22983)

Quarterly e-Journal (From 2008 - 2016)

Bi-Monthly e-Journal (Since 2017)

ISSN: 2185-3118

Advisory Board

Hassan Bevrani, University of Kurdistan, Iran

Editor-in-Chief

Kei Eguchi, Fukuoka Institute of Technology, Japan

Associate Editors-in-Chief

Amphawan Julsereewong, King Mongkut's Institute of Technology Ladkrabang, Thailand

Sawai Pongswatd, King Mongkut's Institute of Technology Ladkrabang, Thailand

Editorial Board

Nor Azlan Othman, University of Teknologi MARA, Malaysia

Nor Salwa Damanhuri, University of Teknologi MARA, Malaysia

Rozan Boudville, University of Teknologi MARA, Malaysia

Zairi Ismael Rizman, University of Teknologi MARA, Malaysia

Nam-Soo Kim, Cheongju University, Republic of Korea

B. T. P. Madhav, K L University, India

Farzin Asadi, Kocaeli University, Turkey

Win Pa Pa, University Computer Studies Yangon, Myanmar

Prasit Julsereewong, King Mongkut's Institute of Technology Ladkrabang, Thailand

Worapong Tangsrirat, King Mongkut's Institute of Technology Ladkrabang, Thailand

Prapart Ukakimaparn, King Mongkut's Institute of Technology Ladkrabang, Thailand

Sawatsakorn Chaiyasoonthorn, Ramkhamhaeng University, Thailand

Krit Smerpitak, King Mongkut's Institute of Technology Ladkrabang, Thailand

Apinai Rerkratn, King Mongkut's Institute of Technology Ladkrabang, Thailand

Pittaya Pannil, King Mongkut's Institute of Technology Ladkrabang, Thailand

Anucha Kaewpoonsuk, Naresuan University, Thailand

Teerawat Thepmanee, King Mongkut's Institute of Technology Ladkrabang, Thailand

Chirdpong Deelertpaiboon, King Mongkut's University of Technology North Bangkok, Thailand

Natee Thong-un, King Mongkut's University of Technology North Bangkok, Thailand

Sart Kummool, King Mongkut's Institute of Technology Ladkrabang, Thailand

Takaaki Ishibashi, National Institute of Technology Ariake College, Japan

Kou Yamada, Gunma University, Japan

Kuniaki Fujimoto, Tokai University, Japan

Mitsutoshi Yahara, Tokai University Fukuoka Junior College, Japan

Riyanarto Sarno, Institut Teknologi Sepuluh Nopember, Indonesia

Purba Daru Kusuma, Telkom University, Indonesia


Masoud Rahiminezhad Galankashi, Buein Zahra Technical University, Iran

Khulood E. Dagher, University of Baghdad, Iraq

Mahmoud Zaki Iskandarani, Al-Ahliyya Amman University, Jordan

Board member responsibilities

- * Editorial board members must obey the direction provided by the Editors-in-Chief of the journal.
- * Editorial board members must judge every submission equally and transparently.
- * Editorial board members should not reveal any information regarding the author, reviewer or the paper information to anyone.
- * Editorial board members are responsible for timely publishing the accepted papers.
- * Editorial board members may attend the Editorial Board meetings occasionally scheduled by the Editorial Office for taking part in the discussion for the improvement of the Journal.
- * Editors should not have any conflict of interest with any assignment.
- * Editors should be responsible for a fast and transparent peer review process.
- * Editors should keep the policy of fast and effective peer review.
- * Editors should be responsible for any query regarding reconsideration of editorial decisions and should provide the decision quickly and clearly with proper reasons.
- * Editors should be responsible for selecting potential reviewers considering their expertise in particular subject areas and keeps monitoring the review process.
- * Editors will be responsible to convey the expectations of the journal to the reviewers with the review scope, quality and timeliness for an effective, fair and constructive review for the assigned submission.
- * Editors should keep in mind the time required for reviewing papers before sending any reminder to the reviewer so that assigned reviewer should get appropriate time he or she requires.
- * Editors-in-Chief can take the final decision for any publication oriented issue.



Search WWW Search inass

INASS Communication Login
Username or E-mail

Password

submit



Publications

Contents & Papers 2020

[Publications
menu](#)

Volume 13,
Issue 3
JUN 2020
(30 June, 2020)

Contents & Papers

- 001 **Microorganism Estimation in a Shrimp Pond Using Gaussian Process Regressor and Gradient Tree Boosting**
Oskar Natan, Agus Indra Gunawan, Bima Sena Bayu Dewantara, Junaedi Ispianto
- 011 **Cosine K-Nearest Neighbor in Milkfish Eye Classification**
Eko Prasetyo, Rani Purbaningtyas, Raden Dimas Adityo
- 026 **Dual Band Notched CPW Fed Printed Monopole Antenna for UWB Applications**
Vutukuri Sarvani Duti Rekha, Pokkunuri Pardhasaradhi, Boddapati Taraka Phani Madhav, Yalavarthi Usha Devi
- 033 **Semantic Relation Detection based on Multi-task Learning and Cross-Lingual-View Embedding**
Rizka Wakhidatus Sholikah, Agus Zainal Arifin, Chastine Fatichah, Ayu Purwarianti

- 046 **Hybridization of Enhanced Orthogonal and Uncorrelated Locality Preserving Projection for Dimensionality Reduction: An HEOULPP Strategy**
Ummadi Sathish Kumar, Edara Srinivasa Reddy
- 056 **A Formal Analytical Modeling and Simulation of Wireless Sensor Home Network**
Jwaone Gaboitaolelwe, Adamu Murtala Zungeru, Joseph Chuma, Nonfo Ditshego, Thabo Semong
- 069 **Peak to Average Power Ratio Reduction for Coherent Optical OFDM Systems Using Phase Rotation of The Sub-Carriers**
Sinan Majid Abdulsatar
- 080 **Linguistic Fuzzy Rule Learning through Clustering for Regression Problems**
Khalid Bahani, Mohammed Moujabbir, Mohammed Ramdani
- 090 **Robust Takagi Sugeno Fuzzy Models control for a Variable Speed Wind Turbine Based a DFI-Generator**
Ahmed Vall Hemeyine, Ahmed Abbou, Naoual Tidjani, Mohcine Mokhlis, Anass Bakouri
- 101 **Integration of Evaluation Distance from Average Solution Approach with Information Entropy Weight for Diesel Engine Parameter Optimization**
Shaaban M. Shaaban, A. M. Abd El-latif
- 112 **Stability and Steady-State Performance of Hammerstein Spline Adaptive Filter Based on Stochastic Gradient Algorithm**
Sethakarn Prongnuch, Suchada Sitjongsataporn
- 124 **Robust Nonlinear Controller of the Speed for Double Star Induction Machine in the Presence of a Sensor Fault**
Aichetoune Oumar, Rachid Chakib, Moussa Labbadi, Mohamed Cherkaoui

- 134 **A Hybrid Torque Sharing Function with Controlled Commutation Period for Torque Ripple Minimization in SRM**
Hady Abdel-Maksoud
- 143 **Improved Precoding Algorithm Design for Downlink Large Scale MU-MIMO System**
Jagtar Singh, Deepak Kedia
- 154 **Modeling for Predicting the Severity of Hepatitis Based on Artificial Neural Networks**
Sara H. Muhi, Hadeel N. Abdullah, Bassam H. Abd
- 167 **Odor Source Searching in Mechanical Turbulent Airflow Using a Mobile Robot**
Helmy Widyantara, Muhammad Rivai, Totok Mujiono
- 177 **The Novel Stick Clustering Algorithm and its Applications for Ad-hoc Networks**
Abdulrahman Sabra, Mohamed Taha, Dina S. M. Hassan
- 189 **Efficient Model with an Intelligent Approach for Powerful Construction Projects Scheduling**
Ghada Maher, Nancy EL-Hefnawy, Ahmed Kfafy, Osama Abd-El-Raouf
- 201 **Impact of the Harmonic Pollution of Railway Locomotive on the Sound System: Experimental Measurement, Modelling and Simulating**
Moine El Hajji, Hassane Mahmoudi, Moussa Labbadi
- 212 **A Second-Order Sliding Mode Controller Tuning Employing Particle Swarm Optimization**
Sami Mahfoudhi, Mohammed Abdallah Khodja, Faisal Omar Mahroogi
- 222 **Energy Aware Optimal Cluster Head Selection Using Hybrid Algorithm for Clustering Routing in Wireless Sensor Networks**
Rakesh Kumar Yadav, Rajendra Prasad Mahapatra

- 233 **Hybrid Conditional Random Fields and K-Means for Named Entity Recognition on Indonesian News Documents**
Joan Santoso, Esther Irawati Setiawan, Eko Mulyanto Yuniarno, Mochamad Hariadi, Mauridhi Hery Purnomo
- 246 **Shell Game Optimization: A Novel Game-Based Algorithm**
Mohammad Dehghani, Zeinab Montazeri, Om Parkash Malik, Hadi Givi, Josep M. Guerrero
- 256 **Novel of Vertical Axis Wind Turbine with Variable Swept Area Using Fuzzy Logic Controller**
Jazuli Fadil, Soediby Soediby, Mochamad Ashari
- 268 **Stacked Sparse Autoencoder and Softmax Classifier Framework to Classify MRI of Brain Tumor Images**
Ahmed Aldhahab, Sarmad Ibrahim, Wasfy B. Mikhael
- 280 **A Semantic Approach for Extracting Medical Association Rules**
Mohammed Thamer, Shaker El-Sappagh, Tarek El-Shishtawy
- 293 **A Support Vector Machine Based on Kernel K-Means for Detecting the Liver Cancer Disease**
Lailil Muflikhah, Widodo Widodo, Wayan Firdaus Mahmudy, Solimun Solimun
- 304 **Ratings Based Energy-Efficient Clustering Protocol for Multi-hop Routing in Homogeneous Sensor Networks**
Karthik Soundarapandian, Ashok Kumar Ambrose
- 327 **Intelligent Resource Scheduling with Neutrosophic Knowledge and Optimized Cache Management Using Cuckoo Search Method in Cloud Computing**
Kiruthiga Gurumurthy, Mary Vennila Selvadurai

- 339 **Distance Matrix Based Keypoint Selection for Bag-of-Visual Words Model on Image Classification**
Catur Supriyanto, Hanung Adi Nugroho, Teguh Bharata Adji
- 350 **Performance Enhancement of Cognitive Radio Using Double Thresholds Eigenvalues Detection**
Sinan M. Abdulsatar, Hadi T. Ziboon, Humam F. Majeed
- 359 **Fuzzy Logic-Integral Backstepping Control for PV Grid-Connected System with Energy Storage Management**
Saloua Marhraoui, Ahmed Abbou, Zineb Cabrane, Salah Eddine Rhaili, Nezha El hichami
- 373 **Multipath Data Transmission in IoT Networks Using Fractional Firefly Algorithm and Chicken Swarm Optimization**
Salem Abdulla Awadh Ba Hmaid, V. Vasanthi
- 384 **Combined Error Adaptive Fuzzy-PI for Reducing DC Voltage Ripple in Three-Phase SPWM Boost Rectifier Under Unbalanced DGs System**
Dedy Kurnia Setiawan, Mochamad Ashari, Heri Suryoatmojo, Widya Cahyadi
- 397 **Modified LFPP to Improve the Accuracy of Matrix Pairwise Comparison Consistency Index in the Usability Evaluation**
Tenia Wahyuningrum, Azhari Azhari, Suprpto Suprpto
- 407 **Collision Avoidance of Multi Modal Moving Objects for Mobile Robot Using Hybrid Velocity Obstacles**
Muhammad Fuad, Trihastuti Agustinah, Djoko Purwanto
- 422 **An Efficient Load Balancing Technique based on Cuckoo Search and Firefly Algorithm in Cloud**
Kethavath Prem Kumar, Thirumalaisamy Ragunathan, Devara Vasumathi, Pamulapati Krishna Prasad

433

**Detecting Intrusions in Computer Network Traffic
with Machine Learning Approaches**

Pascal Maniriho, Leki Jovial Mahoro, Ephrem Niyigaba,
Zephanie Bizimana, Tohari Ahmad

446

**Self-Supervised Learning Based Anomaly Detection
in Online Social Media**

Sujatha Arun Kokatnoor, Balachandran Krishnan

google serach 

Search WWW Search inass

Copyright@2008 The Intelligent Networks and Systems Society

INASS Communication Login
Username or E-mail

Password

submit
