



IEEE Latin America Transactions

JULY 2024, Volume 22 Issue 7 IEEEExplore, DOI, ISI, ISSN 1548-0992

REGULAR ISSUE: Electronics, Energy and Computing

Table of Contents	528
Trajectory Control Based on On/Off, Fuzzy Logic and Convolutional Neural Networks for an Industrial Robot Arm: An Experimental Comparison	
J. R. Castro, D. P. Rosales, and C. Calderon-Cordova	529
Exploring COVID-19 Trends in Mexico During the Winter Season with Explainable Artificial Intelligence (XAI)	
A. Guzmán-Ponce, R. M. Valdovinos-Rosas, J. L. González-Ruiz, I. Francisco-Valencia, and R. Marcial-Romero	539
Incremental Relaying with Partial Relay Selection for Enhancing the Performance of Underlay Cognitive NOMA Networks	
P. Archana, V. P. Harigovindan, G. G. Faustina, and A. V. Babu	548
Dual-View Fusion of Heterogeneous Information Network Embedding for Recommendation	
J. Ma, and R. Wang	557
Simplified SEP Approximations of Coherent Digital Modulation Schemes over α - κ - μ Fading Channel	
T. Shreya, A. Garv, and S. Dharmendra	566
Power System Stability Improvement Using STATCOM: New Practical Method for Placement and Sizing	
J. C. Gonzales, and J. Arroyo	574
Connectivity Strategy for the Evaluation of Smart Grid Models Based on the Ethernet Technology	
A. I. Narvaez-Villota, A. J. Ustariz-Farfan, and L. F. Diaz-Cadavid	581
Reclosers Modeling for Temporal Simulation of Distribution Networks in Simulink/Matlab®	
R. L. A. Pereira, R. C. D. Lima, H. D. M. Braz, N. S. D. Brito, P. H. F. Monteiro, and J. P. N. Amoah	591
Power Quality Analysis of a Hybrid Microgrid based on Renewable Energy Sources	
C. R. Jiménez-Román, and E. Hernández-Mayoral	601
Efficient and Fast Wind Turbine MPPT Algorithm Using TS Fuzzy Logic and Optimal Relation Methods	
D. R. López-Flores, P. R. Acosta-Cano-de-los-Rios, P. R. Márquez-Gutierrez, J. E. Acosta-Cano-de-los-Rios, R. E. Baray-Arana, and G. Ramirez-Alonso	612