



IEEE Latin America Transactions

JUNE 2024, Volume 22 Issue 6

IEEEXplore, DOI, ISI, ISSN 1548-0992

REGULAR ISSUE: Electronics, Energy and Computing

Table of Contents	442
Random Forest for Generating Recommendations for Predicting Copper Recovery by Flotation V. Flores, N. Henríquez, E. Ortiz, R. Martínez-Peláez, and C. L. Silva	443
An Automated Data-Gathering Tool for Earth Observation CubeSat Classification A. I. Lopez-Telgie, M. Quappe-Gutiérrez, and W. A. dos Santos	451
G-CoV.2: A Computational System for Geolocation of Patients Diagnosed with COVID-19 A. L. do Prado, W. Volanski, L. Signorini, M. I. Anghebem, G. Valdameri, V. R. Moure, F. G. de M. Rego, and G. Picheth	460
Optimization of Public Transport Networks by Considering Alternative Positions for Network Stations I. P. P. Montarroyos, and D. R. B. Araujo	468
Detection of Recyclable Solid Waste Using Convolutional Neural Networks and PyTorch J. R. Lapo, and O. M. Cumbicus-Pineda	475
COVID-19 Vaccine's Distribution Routes with Bioinspired Metaheuristic Algorithms: Resoluteness L. D. E. Moreno, R. M. V. Rosas, L. L. Hernández, and R. Alejo	484
Automation of Methodology for Analysis of Overcurrent Protection Functions in Electrical Power Systems J. S. Arboleda, J. W. González, and I. A. Isaac	494
Performance Enhancement of Reduced Component Multilevel Inverter with Optimal Placement of Level Shifter L. Vijayaraja, S. G. Kumar, M. Rivera, and E. Babaei	502
An Experimental Alternative of Microwave Signal Generation through an Optical Heterodyning Technique Using a Multimode Laser Diode and a Tunable DFB Laser B. Tshibangu-Mbuebue, M. W. Lee, A. García-Juárez, E. Y. Tshishimbi-Kanyinda, R. Rojas-Laguna, and I. E. Zaldívar-Huerta	512
Selection of Power Semiconductor Devices for A Standalone System Based on Power Loss Analysis L. L. O. Carralero, E. O. Prado, A. P. N. Tahim, F. F. Costa, and J. R. Pinheiro	519