



IEEE Latin America Transactions

MAY 2024, Volume 22 Issue 5 IEEEXplore, DOI, ISI, ISSN 1548-0992

REGULAR ISSUE: Electronics, Energy and Computing

Table of Contents	361
Time-series Failure Prediction on Small Datasets Using Machine Learning	
C. B. S. Maior, and T. G. Silva	362
Evaluating the 2PC Algorithm for the Maintenance of P2P Live Streaming	
A. C. dos Santos, I. A. Carvalho, C. M. Silva, and E. C. Miguel	372
Mangrove Semantic Segmentation on Aerial Images	
E. López-Jiménez, J. A. Arias-Aguilar, O. D. Ramírez-Cárdenas, J. C. Herrera-Lozada, and N. Hevia-Montiel	379
A Technique to Generate Depth Maps from Real Scenes without Manual Calibration	
C. W. Carvalho, R. S. Casado, M. M. Fernandes, and E. C. Pedrino	387
A Switch Placement Algorithm to Reduce the Impact of Distribution Network Maintenance in Continuity Indexes	
A. L. Keller, R. M. De Figueiredo, and S. J. Rigo	394
Parameter Extraction of Two Diode Photovoltaic Model Using An Analytical Approach	
A M. Syed, S. K. Matam, C. Yammani, and S. R. Sathigari	400
Performance Study of A Photovoltaic System Operating on the Southeastern Coast of Brazil	
J. de O. Gonzalez, and F. R. Martins	410
A Proposal of an ECC-based Adaptive Fault-Tolerant Mechanism for 16-bit Data Words	
J. Gracia-Morán, L. J. Saiz-Adalid, J. C. Baraza-Calvo, D. Gil-Tomás, and P. J. Gil-Vicente	418
Evaluation of an AGC for a Solar Panel as a Receiver in a VLC System Applied to Access Control	
S. Valencia-Lozano, R. A. Martínez-Ciro, and F. E. López-Giraldo	428
Event-triggered Controlled Charger for Lithium Battery Packs	
J. B. Rico, B. M. Al-Hadithi	435