



IEEE Latin America Transactions

JULY 2022, Volume 20 Issue 7

IEEEExplore, DOI, ISI, ISSN 1548-0992

Table of Contents.....	1040
Automatic Code Generation of Data Visualization for Structural Health Monitoring B. Quiero and G. Rojas.....	1041
Fine-Grained Geometric Shapes: A Deep Classification Task J. Diaz-Ramirez, F. Alvarez-Alvarez and X. Badilla-Torrico.....	1051
An Extended Software-Defined Approach for Reprogramming Low-end IoT Devices L. E. Lima and V. Rosset.....	1058
B3 Stock Price Prediction Using LSTM Neural Networks and Sentiment Analysis G. M. Vargas, L. J. Silvestre, L. O. Rigo Jr. and H. R. O. Rocha.....	1067
Design and Implementation of a Cost-Effective Object Tracking System Based on LoRa, Firebase, and Mapbox J. P. Carvajal, R. Urbina, L. C. Baron, C. I. Páez and A. Fajardo.....	1075
Estimation of Reproduction Number for Covid-19 with Statistical Correction of Notifications Delay G. Pereira, R. Pereira, E. de Souza, E Geraldo and R. B. Pereira.....	1085
Fuzzy Cognitive Map to Classify Plantar Foot Alterations J. A. Ramirez-Bautista, S. L. Chaparro-Cárdenas, A. Hernández-Zavala, R. M. Gallegos-Torres, M. Zequera, Y. Tovar-Barrera, J. M. Pradilla-Gómez and J. A. Huerta-Ruelas.....	1092
A Mathematical Programming Approach for Allocation and Analysis of TCSC in Power Transmission Systems J. S. Pereira, E. A. Belati, C. F. Nascimento, P. F. Silva and P. Rossoni.....	2001
PV Active Power Curtailment for Distribution Network Management C.N. Acosta-Campas, M. Madrigal and H.F. Ruiz-Paredes.....	2010
Recognition of Skin Lesions in Dermoscopic Images using Local Binary Patterns and Multinomial Logistic Regression W. D. Quero-Caiza and M. Altuve.....	2020
ALAN-P: Dynamic Action Pruning for Efficient Navigation in Complex Environments J. Godoy, J. Soto and F. Gutierrez.....	2029