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Autore	Stroe Daniel-I (Daniel Ioan)
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Altri autori (Persone)	Nasimuddin LaskarShahedul Haque PandeyShivendra Kumar
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mitigation -- Comparative Analysis of PID and LQR Control for Autonomous Vehicle Platoons -- A Comparative Study on the Various Aging Laws Governing Lithium-Ion Capacitor Cycling Aging -- Structural and numerical analysis of Bladeless Wind turbine -- Demand Forecasting for Market Basket Analysis -- Deep Transfer Learning for Multiclass Dermatology Classification: A Comprehensive Study -- Impact Analysis of Electrode Placement for Cognitive Measurement using Intelligent Algorithms -- The Multi-Scale Wavelet Approach to Remove the Eyeblink Artifacts from EEG Signals.

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#### Sommario/riassunto

This book contains peer-reviewed papers presented at the 3rd International Conference on Emerging Electronics & Automation (E2A) 2023. It aims to provide a compilation of the scientific exchanges that occurred during the conference at NIT Silchar, India. The proceedings cover the latest scientific endeavors and accomplishments in various emerging fields, including instrumentation, control, signal processing, communication, and related computational techniques. The book seeks to present the global audience with updates, novel findings, and solutions to challenging questions in the field, while inspiring aspiring scientists to engage in meaningful research. The field of instrumentation encompasses a wide range of disciplines, such as electronics, computation, automation, microelectronic technology, nanomaterials, and biomedical engineering applications. Hence, this publication is expected to appeal to a diverse audience within the scientific and engineering domains.

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