

Documents

- 1) Singla, M.K.^{a d}, Behera, S.^b, Gupta, J.^{c e}, Gupta, A.^a, Thakur, E.^a, Giri, N.C.^b, Behera, S.^b
Performance analysis of PSS controller based on fuzzy logic for SMIB power system
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- 2) Gupta, A.^a, Giri, N.C.^b, Singla, M.^{a f}, Thakur, E.^a, Kumar, V.^c, Behera, S.^d, Gupta, J.^e
Wide band antenna for 5G NR FR2 bands and performance analysis for on-body application
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Solar cell parameter extraction: A synergistic fusion of mathematical modeling and optimization algorithms
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- 4) Pattanaik, P.K.^a, Rath, B.K.^a, Paikray, S.K.^b

On generalized Tauberian theorem for function of two variables under Cesaro summability method
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- 5) Ranjan Samantaray, S., Ranjan Das, S., Dhupal, D.

Material removal rate in AJM of zirconia ceramic using silicon carbide abrasive: Investigation, modelling, and optimization
 (2024) 552, art. no. 01051, .

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Conference date: 27 June 2024 through 29 June 2024

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- 6) Jena, L.^a, Shanthi, S.^b, Devi, A.G.^c, Sethy, P.K.^d, Behera, S.K.^e, Biswas, P.^f

Lipid droplet segmentation using U-net convolutional neural network architecture
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Conference name: 4th International Conference on Advances in Physical Sciences and Materials 2023, ICAPSM 2023

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Fuzzy-Based Inertia Control of Microgrid for Frequency Stabilization
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Seamless Operation of Microgrid Using PI Controller Based on Artificial Neural Network
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Multi-Class SVM & Random Forest Based Intrusion Detection Using UNSW-NB15 Dataset
(2024) .

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10) Altahhan, M.^a, NutanSaha^a, Panda, S.^a, Panda, G.^b, Sahoo, D.K.^c

Optimization Stability of Multi-area Interconnected System by Double Fuzzy-PID Controller
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Congestion Control Technique for VANETs Using Seagull Optimization Algorithm
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12) Pati, A.K.^a, Sahu, R.K.^a, Panda, S.^b, Puhan, M.^b

Frequency Regulation of Microgrid by Virtual Inertia Control Strategy Using Modified Supply-Demand-Based Optimization (mSDO) Techniques
(2024) .

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- 13) Bhoi, B.^a, Dash, A.B.C.^b, Mohanty, D.^a, Pradhan, J.K.^b

Single-Phase Bidirectional Wireless Power Transfer Architecture for V2G / G2V Applications
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Power Quality Enhancement in Photovoltaic Systems Using PI and PR Controllers at Faulty Conditions
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Breaking News Identification Using a Learning-Based Approach
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Transfer Learning based Model for Prediction of Lung's Infection using X-ray Images
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Task Offloading and Scheduling in Osmotic Computing-Based Health Monitoring Systems
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Hybridization of Computational Intelligence Algorithm for Scheduling of Tasks and Balancing of Load in Cloud Network
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School of Computer Sciences, VSSUT, Burla, India

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Time Series Analysis of Power Quality in IEEE-39 Bus System (2024) .

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Conference name: 4th IEEE International Conference on Sustainable Energy and Future Electric Transportation, SEFET 2024

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22) Ray, P.^a, Salkuti, S.R.^b, Samal, A.^a, Karan, J.^a

Modeling and Analysis of Vehicle- to-Grid (V2G) and Grid-to- Vehicle (G2V) Technologies (2024) .

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Conference name: 4th IEEE International Conference on Sustainable Energy and Future Electric Transportation, SEFET 2024

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Frequency Domain Tuning of a Fractional Order PI/PID Controller Using Moth-Flame Optimization Algorithm (2024) .

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Conference name: 4th IEEE International Conference on Sustainable Energy and Future Electric Transportation, SEFET 2024

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Small CNN Architectures for Wheat Leaf Rust Detection: A MobileNetV2 and ShuffleNet Approach with SVM
(2024) pp. 1178-1182.

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25) Kumari, J.^a, Sethy, P.K.^{b c}, Behera, S.K.^a, Ratha, A.K.^c

Optimizing Parkinson's Diseases Detection from Vowel Phonation: A Bayesian Approach with K-Nearest Neighbours
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A Study on Grid-Tied PV System with Peak Shaving Strategy Using PV Syst Software
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Conference name: 3rd IEEE International Conference on Power Electronics, Intelligent Control and Energy Systems, ICPEICES 2024

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A Comparative Study on Grid-Tied PV System Using PV syst Software & MATLAB

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28) Pattanayak, N., Naik, A.K., Das, S.S.

A Compressive Strength Model for Silica Fume Pervious Concrete: A Sustainable Material

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29) Mishra, A.K.^a, Sahu, P.K.^b, Mohapatra, S.^a, Satapathy, S.^a, Das Mohapatra, S.^a, Jena, O.P.^a

Operated Virtual Embeded Reality

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Techno-Economic Investigation of PV based Water Pump

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Complex Invariants Corresponding Non-hermitian PT-Symmetric Hamiltonian

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Novel Methodology of Adaptive Machine Learning and Deep Learning System for Detecting the Fraudulent Activities in Financial Sector

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Design and Analysis of IPFC-Based Damping Controller

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