

Dr. PRAKASH R

Professor,
Muthayammal Engineering College,
Namakkal

List of Publications

Modeling and simulation of fuzzy logic controller-based model reference adaptive controller

R Prakash, R Anita

International Journal of Innovative Computing, Information and Control 8 (4 ...

ROBUST MODEL REFERENCE ADAPTIVE PI CONTROL.

R Prakash, R Anita

Journal of Theoretical & Applied Information Technology 14

Load Frequency Control of A Two Area Hybrid System Consisting of A Grid Connected PV System and Thermal Generator”

FTT Prakash R

International Journal of Research in Engineering and Technology 3 (7)

Neuro-PI controller based model reference adaptive control for nonlinear systems

R Prakash, R Anita

International Journal of Engineering, Science and Technology 3 (6), 44-60

Robust model reference adaptive intelligent control

R Prakash, R Anita

International Journal of Control, Automation and Systems 10 (2), 396-406

Design of Model Reference Adaptive Intelligent Controller using Neural Network for Nonlinear Systems

R Prakash, R Anita

International Review of Automatic Control 4 (2), 153-161

. “Design of Model Reference Adaptive Intelligent Controller using Neural Network for Nonlinear Systems

R Prakash, R. and Anita

Journal of Electric Engineering 11 (4)

Speed control of DC-DC converter fed DC motor using robust adaptive intelligent controller

R Prakash, R Vasanthi

Journal of Vibration and Control 21 (15), 3107-3120

“A Grid Connected Hybrid Fuel Cell-PO Based MPPT for Partially Shaded Solar PV System”

ADDRP K.Kiruthiga

International Journal of P2P Network Trends and Technology (IJPTT), 7

Edge detection of satellite image using fuzzy logic

R Dhivya, R Prakash

Cluster Computing 22 (5), 11891-11898

Design of Intelligent Adaptive Control using Neural Network and Fuzzy Logic Controller

R Prakash
European Journal of Scientific Research 57 (1)
A new approach to model reference adaptive control using fuzzy logic controller for nonlinear systems
R Prakash, R Anita
International Journal of Computer Science and Information Security 9 (2), 86-93
A NOVEL MODEL REFERENCE INTELLIGENT ADAPTIVE CONTROL USING NEURAL NETWORK AND FUZZY LOGIC CONTROLLER.
A Muruganandham, R Prakash
Journal of Theoretical & Applied Information Technology 62 (1)
A unified power quality conditioner for power quality improvement in distributed generation network using adaptive distributed power balanced control (ADPBC)
MR Mohanraj, R Prakash
International Journal of Wavelets, Multiresolution and Information ...
Analysis on energy consumption in smart grid WSN using path operator calculus centrality based HSA-PSO algorithm
R Hemalatha, R Prakash, C Sivapragash
Soft Computing, 1-13
Edge Detection of Images Using Improved Fuzzy C-Means and Artificial Neural Network Technique
R Dhivya, R Prakash
Journal of Medical Imaging and Health Informatics 9 (6), 1284-1293
A Unified Power Quality Conditioner for Power Quality Improvement in Distributed Generation Network Using Adaptive Distributed Power Balanced Control (ADPBC)
MRMR Prakash
International Journal of Wavelets, Multiresolution and Information Processing
“Fault Current Interruption by Custom Power Device
RPG Sripriya
International Journal of Scientific and Engineering Research 5 (5)
Design and Implementation of Fuzzy Logic based Intelligent Adaptive Speed Control for DC Motor
P R
Australian Journal of Basic and Applied Sciences 8 (1), 301-307
Model Reference Adaptive PI Control
R Prakash, R Anita
Journal of Theoretical and Applied Information Technology 14 (1), 51-59
An Approach on Edge Detection in Images Using Fuzzy C Means Clustering Method
R Dhivya, R Prakash, R Thilepa
An Energy Efficient Routing in Smart Grid Wireless Sensor Networks based on HSA-MPSO Algorithm
R Hemalatha, R Prakash, C Sivapragash
Collation of Mamdani-Type and Sugeno-Type Fuzzy Inference System for Condition Monitoring of Power Transformer
MR Mohanraj, R Prakash

Journal of Computational and Theoretical Nanoscience 16 (5-6), 1839-1847

Performance Evaluation of Membership Functions on the Air-Conditioner Based on Fuzzy Logic Controllers
MR Mohanraj, R Prakash

Journal of Computational and Theoretical Nanoscience 15 (9-10), 2979-2987

Stripe Noise Separation and Removal in Remote Sensing Images
R Dhivya, R Prakash

Journal of Computational and Theoretical Nanoscience 15 (9-10), 2724-2728

Edge Detection Using Adaptive-Neuro-Fuzzy-Interference-System in Remote Sensing Images
R Dhivya, R Prakash

Journal of Computational and Theoretical Nanoscience 15 (9-10), 2720-2723

Edge Detection of Satellite Images Using the Ant Colony Optimization
Dhivya, R and Prakash, R.

Jour of Adv Research in Dynamical & Control Systems 10 (10), 1673-1681

Ear authentication using edge detection and feature extraction
R Dhivya, R Prakash

Advances in Natural and Applied Sciences 10 (17), 89-95

Detection and Classification of three phase Power Quality events using Wavelets Transforms and Soft Computing Techniques
A Augustine, RD Prakash, R Xavier

Journal of Telematics and Informatics 4 (1), 32-38

A Paper on Edge Detection in Images using Fuzzy K Means Clustering Approach,
Dhivya, R and Prakash, R.

International Journal of Engineering and Computer Science 5 (11), 2319-7242

Edge Detection Based on Fuzzy Logic and Huffman Coding on Remote Sensing Images
R Dhivya, R and Prakash

International Journal of Printing, Packaging & Allied Sciences 4 (4), 2369-2377

Investigation of Voltage Sag and Swell Problems using DVR and Fuzzy Logic
A Augustine, RD Prakash, R Xavier

International Journal of Computer Applications 117 (3)

Multi-Tier Load Balancing in Pervasive Computing Using Power Managing Approach
R Vasanthi, R and Prakash

ARPJ Journal of Engineering and Applied Sciences 10 (10), 4322-4325

A Resemblance Outsource Data Leakage Detection In Cloud Computing
R Prakash, R. and Vasanthi

International Journal of Applied Engineering Research 10 (1), 737-748

A Novel Power Quality Improvement For Voltage Sag Assessment in Smart Grid Distribution System Using UPFC”
R Lilly pradeepa, Prakash

International Journal of Emerging Technology in Computer Science ...

A Novel Power Quality Improvement For Voltage Sag Assessment in Smart Grid Distribution System Using UPFC
PKRSR Prakash

Journal of Emerging Technology in Computer Science & Electronics 8 (1)
Multi-objective optimal sizing of wind-solar- battery hybrid power system‘
DAPR Rajasree MS
International Journal of Research in Engineering and Technology 5 (5)
Rectifying Asymmetrical Grid Faults in Wind Farms by Using FACTS Devices”
PR Suganya.A
International Journal of Scientific and Engineering Research 5 (5)
Improving Power Quality in Microgrid by means of using Power Quality Conditioner Devices”
R Prakash
International Journal of Research in Engineering and Technology 3 (7)
Mitigation of Voltage Sag/Swell using Custom Power Devices with SMES System in
Transmission Network
MG Prakash R
International Journal of Modern Trends in Engineering and Research 1 (5)
Component modeled messaging services for pervasive environment using ML-IDL
RSD Vasanthi, R.,Prakash, R and Wahidabanu
International Journal of Wulfenia 20 (2)
Automatic Library Book Sorting Machine
P Sethupathi, S Preethi, R Prakash, MS Srinivash
Performance Analysis of Parabolic Solar Trough Concentrator for Various Reflecting Material
R Boopathi, MS Mohanraj, D Mathiyazhagan, R Moorthy, R Prakash
IMPROVING POWER QUALITY IN MICROGRID BY MEANS OF USING POWER
QUALITY CONDITIONER DEVICES
K Ramya, R Prakash