



INTERNATIONAL JOURNAL OF COMPUTER SCIENCE AND INFORMATION ENGINEERING

Volume 12

Number 2

December-2021

CONTENT

1. SEF-DFigure Based Hybrid Grid Connected System..... 71-80
Durga Surya Prakash Chadhwada and R.B.R Prakash
2. Allocation of Transmission Loss Between Generators and Loads 81-89
Madhuri Modupalli and Sarada kota
3. Submarine to Submarine Passive Target Tracking..... 91-98
*V. Lakshmi Bharathi, S. Koteswara Rao,
B. Omkar Lakshmi Jagan and M. Kavitha Lakshmi*
4. Application of Kalman Filter for Dunking Sonar Underwater Target Motion Analysis 99-107
*T. Vaishnavi Chandra, S. Koteswara Rao, M. Kavitha Lakshmi
B. Omkar Lakshmi Jagan*
5. A Novel Fundamental Current Reference $I_d - I_q$ Theory Based DSTATCOM 109-120
for Compensation of Reactive Power and Harmonics
Ch. Sri Prakash and Kesava Rao
6. A Simplified Active-Reactive Power Control of Distributed Energy Resource 121-130
Integration with Distribution Grid
Kesa. Jyothi, H.S Jain and K.S. Srikant
7. An Embedded Web Server Based Automatic Smart Home Monitoring System..... 131-138
S. Anusha, K. Sreenivasa Ravi and P. Gopi Krishna
8. Heuristic Algorithm for Optimal Location of DGs in Distribution System based 139-150
on Probability of Power Availability
T. Bharath Kumar, O. Chandra Sekhar, M. Ramamoorthy and Musti K.S. Sastry