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Journal Publications:

1. Power Quality Improvement Using Multilevel Inverter Based Dynamic Voltage Restorer with PI Controller M Maheswari, S Thangavel, RS Kumar, C Vivekanandan Power Electronics and Renewable Energy Systems, 721-729 (2015)
2. Simulation and Practical Analysis on Power Factor Correction Techniques for Welding Applications M Thiruvenkadam, S Thangavel, S Paramasivam Applied Mechanics and Materials 785, 198-204 (2015) 2015
3. Design and Analysis of Three Phase Four Wire Shunt Active Filter with Neural Network Controller for Different Loading Conditions VV Karthikeyan, S Thangavel, R Sasikala Power Electronics and Renewable Energy Systems, 1027-1025(2015)
4. A review paper on torque ripple reduction in brushless DC motor drives with different multilevel inverter topology S Arunkumar, S Thangavel Indonesian J Electr Eng 13 (1), 65-75 (2015)
5. Implementation of intelligent control strategies on current ripple reduction and harmonic analysis at the converter side of the industrial inverters and tradeoff analysis. R Sagayaraj, S Thangavel Journal of Theoretical & Applied Information Technology 65 (2) (2015)
6. Performance analysis of direct torque controlled BLDC motor using fuzzy logic V Geetha, S Thangavel International Journal of Power Electronics and Drive Systems 7 (1), 144 (2016)
7. Time Varying Acceleration Coefficients With Dominant Social Component Particle Swarm Optimization For Interconnected Power System S Surendiran, S Thangavel ARPN Journal of Engineering and Applied Sciences 11 (3), 1936-1946(2016)
8. Optimization of PID controller parameters in interconnected power system using index curve based technique S Surendiran, S Thangavel, R Kannan 2016 6th International Conference on Intelligent and Advanced Systems (ICIAS ... 2016) 2016
9. Intelligent control strategies based investigations on performance of boost converters for AC drives S Thangavel Chennai (2016)
10. Modeling simulation analysis and real time implementation of inverter based Butt welding machine S Thangavel Chennai (2017)
11. Fuzzy gain scheduling of optimal PID controller for load frequency control of two area interconnected power system S Thangavel Chennai (2017)
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13. Optimization of Large-Scale Solar Hot Water System Using Non-traditional Optimization Technique EB Priyanka, S Thangavel J Environ Sci Allied Res 2018, 05-14 (2018)
14. Advanced Enhancement Model of Bionics Fish Cilia MEMS Vector Hydrophone-Systematic Analysis Review EB Priyanka, S Thangavel International Journal of Applied Physics 3 (2018)
15. Design of Magnitude Comparator Using Reversible Logic Gates S Karunamurthi, S Thangavel, SP Boopalan LAP LAMBERT Academic Publishing (2018)
16. Proactive Decision Making Based IoT Framework for an Oil Pipeline Transportation System EB Priyanka, C Maheswari, S Thangavel International conference on Computer Networks, Big data and IoT, 108-119 (2018)
17. Performance analysis of direct torque controlled BLDC motor using fuzzy logic V Geetha, S Thangavel International Journal of Power Electronics and Drive Systems 7 (1), 144 (2018)
18. Online monitoring and control of flow rate in oil pipelines transportation system by using PLC based Fuzzy-PID Controller EB Priyanka, C Maheswari, S Thangavel Flow Measurement and Instrumentation 62, 144-151 (2018)
19. Remote monitoring and control of LQR-PID controller parameters for an oil pipeline transport system EB Priyanka, C Maheswari, S Thangavel Proceedings of the Institution of Mechanical Engineers, Part I: Journal of ... (2019)
20. Design of Digital Logic Using Verilog HDL N Shanmugasundaram, S Thangavel, EN Ganesh LAP LAMBERT Academic Publis (2019)
21. Design and analysis of adaptive jet engine frame and thrust mounts S Thangavel, EB Priyanka LAP LAMBERT Academic Publishing (2019)
22. SCADA Based Remote Monitoring and Control of Pressure & Flow in Fluid Transport System Using IMC-PID Controller EB Priyanka, C Maheswari, M Ponnibala, S Thangavel Advances in Systems Science and Applications 19 (3), 140-162(2019)