

LIST OF PUBLICATIONS

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1. Efficient sequential switching hybrid-modulation techniques for cascaded multilevel inverters C Govindaraju, K Baskaran, IEEE Transactions on Power Electronics 26 (6), 1639-1648
2. Optimized hybrid phase disposition PWM control method for multilevel inverter, C Govindaraju, K Baskaran, International Journal of Recent Trends in Engineering 1 (3), 129-134
3. Performance improvement of multiphase multilevel inverter using hybrid carrier based space vector modulation, C Govindaraju, K Baskaran, International Journal on Electrical Engineering and Informatics 2 (2), 137-149
4. Efficient sequential switching hybrid modulation techniques for multiphase multilevel inverters C Govindaraju, IET power electronics 4 (5), 557-569
5. Efficient hybrid carrier based space vector modulation for a cascaded multilevel inverter C Govindaraju, K Baskaran, Journal of Power Electronics 10 (3), 277-284
6. Analysis and implementation of multiphase multilevel hybrid single carrier sinusoidal modulation, C Govindaraju, K Baskaran, Journal of Power Electronics 10 (4), 365-373
7. Sequential switching hybrid single-carrier sinusoidal modulation for cascaded multi-level inverter C Govindaraju, K Baskaran, Electric Power Components and Systems 39 (4), 303-316
8. Performance analysis of cascaded multilevel inverter with hybrid phase-shifted carrier modulation, C Govindaraju, K Baskaran, Australian Journal of Electrical and Electronics Engineering 7 (2), 121-132
9. Synthesis and Implementation of a Multi-Port DC/DC Converter for Hybrid Electric Vehicles TK Santhosh, K Natarajan, C Govindaraju, Journal of Power Electronics 15 (5), 1178-1189
10. Development of Predictive Current Controller for Multi-Port DC/DC Converter, TK Santhosh, C Govindaraju, International journal of power electronics and drive systems
11. Power Loss Minimizing control of cascaded multilevel inverter with efficient hybrid carrier based space vector modulation, C Govindaraju, K Baskaran, International journal of electrical and computer engineering systems.
12. Simulation and analysis of a four port DC/DC converter for hybrid electric vehicle TK Santhosh, C Govindaraju, 2014 Power and Energy Systems: Towards Sustainable Energy, 1-5
13. Hybrid phase shifted carrier modulation fed five-phase multilevel inverter for multiphase induction motor drive C Govindaraju International Journal of Power Electronics 5 (1), 45-55
14. Multiphase Multi Level Hybrid Carrier Based Space Vector Pwm Algorithm, C Govindaraju, DK Baskaran, Journal Of Electrical Engineering Romania 11, 1-10
15. A novel input data transition aware dynamic voltage scaling based low power MAC architecture for DSP applications, D Haripriya, C Govindaraju, M Sumathi, Design Automation for Embedded Systems 21 (3-4), 265-281
16. Dual input dual output power converter with one-step-ahead control for hybrid electric vehicle applications, TK Santhosh, C Govindaraju, IET Electrical Systems in Transportation 7 (3), 190-200
17. Load Frequency Control of Hydrothermal System Under Open Market Considering Capacitive Energy Storage, P Marimuthu, C Govindaraju, International Review on Modelling and Simulations

18. Synthesis and control of single stage multiport converter topologies for hybrid electric vehicle C Govindaraju, Chennai
19. Closed Loop Control Analysis Of Modified Sepic Converter, K Natarajan, C Govindaraju
20. Sequential switching hybrid sinusoidal modulation techniques for cascaded multilevel inverter C Govindaraju, Chennai
21. Analysis Of Power Management In Portable Embedded DSP Applications, D Haripriya, C Govindaraju, M Sumathi
22. Analysis and Design of High Step-Up DC-DC Converter for Photovoltaic Application, D Saravanan, C Govindaraju
23. Isolated Five Level SEPIC Fuel Cell Converter for Residential Application, K Natarajan, C Govindaraju
24. Low-Power Design for Embedded Processors, D Haripriya, C Govindaraju, M Sumathi
25. Review of Multi-Level Inverter and Various Suitable PWM Techniques, K Natarajan, C Govindaraju