

EEE MATLAB

1. A Novel approach to nine switch Unified Power Quality Conditioner for Power Quality Improvement.
2. Improved Dual-SOGI Control for Three-Phase Unified Power Quality Conditioner under Distorted Grid and Load Conditions.
3. Fuel cell integrated UPQC System for Power Quality Improvement.
4. A Transformer-less Unified Power Quality Conditioner with Fast Dynamic Control.
5. Mitigation of Power Quality Problems Using Unified Power Quality Conditioner by an improved disturbance extraction technique.
6. Performance Analysis of Interline Unified Power Quality Conditioner (IUPQC) With PI and Fuzzy Controllers.
7. Power Quality Enhancement of UPQC Connected WECS using FFA with RNN.
8. Optimization of the Size of UPQC System Based on Data-Driven Control Design.
9. Power Quality Augmentation with RS-UPQC under Distorted Input Condition.
10. Simple Control Strategy of the Series Filter within a Unified Power Quality Conditioner.
11. Power Quality Improvement in Power System Network using Unified Power Flow Controller.
12. The New Trend in Power Conditioning Using Multi-converter Unified Power Quality conditioning for multi feeder system.
13. Simplified Predictive Control of Unified Power Quality Conditioner.
14. Voltage Quality Enhancement using Unified Power Quality Conditioner (UPQC).
15. A Novel Topology of DC Distribution Network with Fault Current Limiting Static synchronous series compensator.
16. Gain-Scheduled H2-Performance Control of Individual Synchronous with Static VAR Compensator Controllers.
17. Optimal Placement of Static VAR Compensator (SVC) in Power System along with Wind Power generation.

18. Hybrid Damping Controller for STATCOM to Enhance Power Quality in Multi-Machine System.
19. An Overview of Modular Multilevel Converters in HVDC Transmission Systems with STATCOM Operation during Pole-to-Pole DC Short Circuits
20. Optimized Interval Type-II Fuzzy Controller based STATCOM for Voltage Regulation in Power Systems with Photovoltaic Farm.
21. Power Quality Improvement in Power System by Using Static Synchronous Series Compensator.
22. Auto-Tuning Technique for the Cost Function Weight Factors in Model Predictive Control for Power Electronics Interfaces.
23. Analysis of Interaction between HVDC and Offshore Wind Power in receiving end grid.
24. Impact Studies of the Effect of Large-scale Wind Integration in the Mexican Power Grid.
25. Analyzing the Dynamic Behavior of a DFIG-based Wind Farm under Sudden Grid Disturbances.
26. Research of the Comparison of Wind Farm Fault Simulation and Actual Trials.
27. Short-term Wind Speed Combined Prediction for Wind Farms.
28. Small Signal Modeling of Wind Farms.
29. Sub-Synchronous Resonance Analysis and Simulation on Wind Farm.
30. Wind Energy Systems.
31. Single Stage Grid Connected Solar Micro-Inverter with Two Level Fuzzy Logic MPPT Controller.
32. Smart Grid Integration of Micro Hybrid Power System Using 6-Switched3-Level Inverter.
33. Solar based Grid Tie Integration System for efficient power management.
34. Three Phase Grid Interfaced Solar Water Pumping System.
35. A Multifunctional Single Phase Grid Integrated Residential Solar PV Systems based on LQR Control.
36. Common Mode Voltage Reduction in A Single- phase Quasi Z-Source Inverter for merless grid connected solar pv applications.

37. Model Predictive Control of Bidirectional DC- DC Converters and AC/DC Interlinking Converters - A New Control Method for PV- Wind-Battery Micro grids.
38. Real-Time Coordinated Voltage Support with Battery Energy Storage in a Distribution Grid Equipped with Medium-Scale PV Generation
39. State of the Art of the Medium-Voltage Power Converter Technologies for Grid Integration of Solar Photovoltaic Power Plant.
40. Identification of Induction Motors Using Smart Circuit Breakers.
41. An Accelerated Model of Modular Isolated DC/DC Converter Used in Offshore DC Wind Farm.
42. Coordinated Primary and Secondary Frequency Support between Micro grid and Weak Grid.
43. Control of the Parallel Operation of VSC-HVDC Links Connected to an Offshore Wind Farm.
44. Investigation of Horizontal and Vertical Wind Shear Effects Using a Wind Turbine Emulator.
45. Operation of DC Series-Parallel Connected Offshore Wind Farm.
46. Development of a Fuzzy-Logic-Based Energy Management System for a Multi-Port Multi Operation Mode Residential Smart Micro-grid.
47. Exact Nonlinear Micro-Modeling for Fine-Grained Parallel EMT Simulation of MTDC Grid in Exater action with Wind Farm.
48. Grid Tied Solar Micro-Converter with Optimizer- Mode Operation for Weak-Grid Operation.
49. Implementation of Bidirectional Resonant DC Transformer in Hybrid AC/DC Micro-grid.
50. A Hybrid UP-PWM Scheme for HERIC Inverter to Improve Power Quality and Efficiency.
51. A New Flexible Power Quality Conditioner with Model Predictive Control.
52. Electric Energy Accounting and Power Quality in Electric Networks with Photovoltaic Power Stations.
53. Interlinking Converter to Improve Power Quality in Hybrid AC-DC Micro grids with Nonlinear Loads.

54. MMC-UPQC: Application of Modular Multilevel Converter on Unified Power Quality Conditioner.
55. Optimum Power Quality Service in Multi-bus Micro grid Systems.
56. Performance of Custom Power Devices for Power Quality Improvement.
57. Power Quality Improvement and PV Power Injection by DSTATCOM with Variable DC Link Voltage Control from RSC-MLC.
58. Real-Time Supervisory Control for Power Quality Improvement of Multi-Area Micro grids
59. UPQC - the best solution to improve power quality in low voltage weak distribution networks.

