**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.
5. Mitigation of Power Quality Problems Using Unified Power Quality Conditioner by an improved disturbance extraction technique.
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.
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.


20. Optimized Interval Type-II Fuzzy Controller based STATCOM for Voltage Regulation in Power Systems with Photovoltaic Farm.


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.


29. Sub-Synchronous Resonance Analysis and Simulation on Wind Farm.


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.


38. Real-Time Coordinated Voltage Support with Battery Energy Storage in a Distribution Grid Equipped with Medium-Scale PV Generation


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.


47. Exact Nonlinear Micro-Modeling for Fine-Grained Parallel EMT Simulation of MTDC Grid in Exater action with Wind Farm.


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.


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.


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.