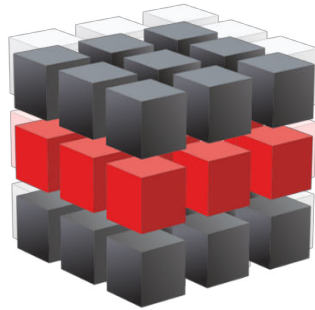




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CHENNAI – PONDICHERY

POWER ELECTRONICS & POWER SYSTEM TITLE LIST

POWER SYSTEM

1. A Dynamic Coordination Control Architecture for Reactive Power Capability Enhancement of the DFIG-based Wind Power Generation.

Published in: IEEE Transactions on Power Systems (Volume: 35 , Issue: 4 , July 2020)

2. Modelling of MVDC Multidrive Systems for Power Quality Analysis.

Published in: IEEE Transactions on Industrial Electronics (Early Access)

3. A Station-hybrid HVDC System Structure and Control Strategies for Cross-seam Power Transmission.

Published in: IEEE Transactions on Power Systems (Early Access)

4. AFLL-Based Control Technique for Grid Interfaced Three Phase PV System.

Published in: IEEE Transactions on Industry Applications (Volume: 56 , Issue: 3 , May-June 2020)

5. Design of Resonance Damper for Wind Energy Conversion System Providing Frequency Support Service to Low Inertia Power Systems.

Published in: IEEE Transactions on Power Systems (Early Access)

6. A PV-Statcom for Enhancement of power quality in grid integrated system using Unit Vector Controller.

Published in: 2020 International Conference on Artificial Intelligence and Signal Processing (AISP)

7. Control of a Doubly-Fed Induction Generator for Wind Energy Conversion Systems.

Published in: 2020 International Conference on Electrical and Information Technologies (ICEIT)

8. Influence of Pole-pair Combinations on the Characteristics of the Brushless Doubly Fed Induction Generator.

Published in: IEEE Transactions on Energy Conversion (Early Access)

9. Effects of POD Control on a DFIG Wind Turbine Structural System.

Published in: IEEE Transactions on Energy Conversion (Volume: 35 , Issue: 2 , June 2020)

10. A Generalized PSS Architecture for Balancing Transient and Small-Signal Response

Published in: IEEE Transactions on Power Systems (Volume: 35 , Issue: 2 , March 2020)

11. Delay Compensation of Demand Response and Adaptive Disturbance Rejection Applied to Power System Frequency Control

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12. State Estimation for Large-Scale Power Systems and FACTS Devices Based on Spanning Tree Maximum Exponential Absolute Value

Published in: IEEE Transactions on Power Systems (Volume: 35 , Issue: 1 , Jan. 2020)

13. A New Fast Track to Nonlinear Modal Analysis of Power System Using Normal Form

Published in: IEEE Transactions on Power Systems (Volume: 35 , Issue: 4 , July 2020)

14. Dynamic Modeling and Small Signal Stability Analysis of PMSG-based Wind Farm with MMC-HVDC System

Published in: CSEE Journal of Power and Energy Systems (Volume: 6 , Issue: 1 , March 2020)

15. On the Reduction of the Rated Power of Energy Storage System in Wind Farms

Published in: IEEE Transactions on Power Systems (Volume: 35 , Issue: 4 , July 2020)

16. Improvement of Power System Transient Stability in the Event of Multi-Phase Faults and Circuit Breaker Failures

Published in: IEEE Transactions on Power Systems (Volume: 35 , Issue: 3 , May 2020)

17. Recursive Smooth Variable Structure Filter for Estimation Processes in Direct Power Control Scheme Under Balanced and Unbalanced Power Grid

Published in: IEEE Systems Journal (Volume: 14 , Issue: 1 , March 2020)

POWER ELECTRONICS

1. A Day and Night Operational Quasi-Z Source Multilevel Grid-tied PV Power System to Achieve Active and Reactive Power Control.

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2. A PSO-BPSO Technique for Hybrid Power Generation System Sizing.



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3. Low-Frequency Underwater Wireless Power Transfer: Maximum Efficiency Tracking Strategy.

Published in: IEEE Latin America Transactions (Volume: 18 , Issue: 07 , July 2020)

4. Improved Continuous Fault Ride Through Control Strategy of DFIG-based Wind Turbine during Commutation Failure in the LCC-HVDC Transmission System.

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5. Maximum Power Point Tracking for Wind Turbine Using Integrated Generator-Rectifier Systems.

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6. Multiple-Objective Control Scheme for Input-Series–Output-Series LCL-Filtered Grid-Connected Inverter System.

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7. Separate Power Allocation and Control Method Based on Multiple Power Channels for Wireless Power Transfer.

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8. Chart Design Method for Multi-Coil Resonant Wireless Power Transfer Systems.

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