

Construction of nonlinear feedback strategies for energy storage systems : a stochastic dynamic programming approach

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Dynamic modeling of networks, microgrids, and renewable sources in the dq0 reference frame : a survey

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Evaluating model performance through a user-centric explainable framework for probabilistic load forecasting models

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Explainability-based trust algorithm for electricity price forecasting models

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A generalized control paradigm for storage systems : optimal energy management and stability certificates

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Implementation of series resonance-based fault current limiter for enhanced transient stability of grid-connected photovoltaic farm

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Improved fractional open circuit voltage MPPT methods for PV systems

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Neural Architecture Search (NAS) for designing optimal power quality disturbance classifiers

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A new resonant fault current limiter for improved wind turbine transient stability

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New type of bridge fault current limiter with reduced power losses for transient stability improvement of DFIG wind farm

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Observer-based detection and identification of sensor attacks in networked CPSs

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Optimal control of Lossy energy storage systems with nonlinear efficiency based on dynamic programming and Pontryagin's minimum principle

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A public dataset for synchronous motor electrical faults diagnosis with CNN and LSTM reference classifiers

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A tutorial on dynamics and control of power systems with distributed and renewable energy sources based on the DQ0 transformation

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