

Mathematical modeling and stability analysis of a microgrid in island operation

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Mathematical modeling of a battery energy storage system in grid forming mode

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Open-source software for modeling and analysis of power networks in the dq0 reference frame

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Stability and eigenvalue sensitivity analysis of a BESS model in a microgrid

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Symmetry in the narrow sense: on the linearity and time-invariance of DQ0 models

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Uses and misuses of quasi-static time-varying phasor models in power systems

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Utilizing demand response in load modelling for voltage and reactive power control studies

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