

A current spectrum-based algorithm for fault detection of electrical machines using low-power data acquisition devices
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Digital Twin as a virtual sensor for wind turbine applications

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Digital twin of wind generator for modelling various turbine characteristics

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Digital twin of wind generator to simulate different turbine characteristics using IoT

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Exploring the limits of early predictive maintenance in wind turbines applying an anomaly detection technique

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Improved fault classification and localization in power transmission networks using vae-generated synthetic data and machine learning algorithms

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Preliminary analysis of bearing current faults for predictive maintenance

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Preliminary analysis of mechanical bearing faults for predictive maintenance of electrical machines

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