

**An advanced diagnostic approach for broken rotor bar detection and classification in DTC controlled induction motors by leveraging dynamic SHAP interaction feature selection (DSHAP-IFS) GBDT methodology**

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**Analysis of common mode and rapidly varying voltage profile on stator current harmonics of an inverter-fed induction motor**

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**Application of transfer learning for instrument transformer condition monitoring**

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**The bearing faults detection methods for electrical machines — the state of the art**

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**Broken rotor bar fault detection of the grid and inverter-fed induction motor by effective attenuation of the fundamental component**

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**Condition monitoring of a Cartesian robot with a mechanically damaged gear to create a fuzzy logic control and diagnosis algorithm**

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