

Analysis of broken rotor bar diagnostic techniques for inverter fed induction motor faults

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

Sardar, Muhammad Usman; Vaimann, Toomas; Kütt, Lauri; Kallaste, Ants; Asad, Bilal; Kudelina, Karolina; Akbar, Siddique 2023 IEEE 64th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON), Riga, Latvia, October 9-10, 2023 : conference proceedings 2023 / 6 p. : ill <https://doi.org/10.1109/RTUCON60080.2023.10413067>

Characterization of high-frequency impedance-based models for transient terminal overvoltage estimation in cable-fed motor drive systems

Sardar, Muhammad Usman; Vaimann, Toomas; Kütt, Lauri; Asad, Bilal; Kallaste, Ants; Kudelina, Karolina 2024 International Conference on Electrical Machines (ICEM) 2024 / 7 p <https://doi.org/10.1109/ICEM60801.2024.10700495>

Design and resonance analysis of tubular structured dual stator linear oscillating actuator

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Fault simulation and analysis of high-voltage circuit breaker's spring charging mechanism using a universal motor model

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Permittivity and breakdown voltage study of the epoxy-based nanocomposites

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Switching oscillation-based fractional-domain high-sensitive diagnosis of machine turn insulation degradation

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Wideband frequency diagnosis for high-sensitivity turn-insulation degradation estimation in inverter-fed machines

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Wideband frequency response analysis for sensitive condition estimation of machine's turn insulation degradation faults

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