

Achieving of Magnus effect with Agros Suite

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Aggregated conducted electromagnetic interference generated by DC/DC converters with deterministic and random modulation

Loschi, Hermes; Smolenski, Robert; Lezynski, Piotr; Nascimento, Douglas; **Demidova, Galina** Energies 2020 / art. 3698 <https://doi.org/10.3390/en13143698>

Aggregated conducted electromagnetic interference generated by DC/DC converters with deterministic and random modulation

Loschi, Hermes; Smolenski, Robert; Lezynski, Piotr; Nascimento, Douglas; **Demidova, Galina** Industrial and Technological Applications of Power Electronics Systems 2021 / p. 331-339 <https://doi.org/10.3390/en13143698>

Case study of supplementary PMSM for low-speed wind turbine

Poliakov, Nikolai; Vorobev, Konstantin; **Demidova, Galina; Rassölkin, Anton**; Ramensky, Dmitry 2021 XVIII International Scientific Technical Conference Alternating Current Electric Drives (ACED) : proceedings 2021 / 5 p. : ill <https://doi.org/10.1109/ACED50605.2021.9462253>

Comparison of synchronous reluctance machine and permanent magnet-assisted synchronous reluctance machine performance characteristics

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Concept of hardware-in-the-loop test platform for microgrid with multi-agent approach

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Development of digital twin for robotic arm

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Optimal control of automatic manipulator for elimination of galvanic line load oscillation

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Reducing of hanger-to-motor oscillations of galvanic line auto-operator

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Trends and challenges in intelligent condition monitoring of electrical machines using machine learning

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