

Additively manufactured and topology optimized heatsink for a propulsion motor

Sarap, Martin; Kallaste, Ants; Vaimann, Toomas; Ghahfarokhi, Payam Shams 2024 International Conference on Electrical Machines (ICEM) 2024 / 6 p <https://doi.org/10.1109/ICEM60801.2024.10700108>

Automatic tolerance analysis of permanent magnet machines with encapsulated FEM Models using Digital-Twin-Distiller

Orosz, Tamas; Gadó, Krisztián; Katona, Mihály; **Rassölkin, Anton** Processes 2021 / art. 2077, p. 1-15 : ill <https://doi.org/10.3390/pr9112077> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Broken rotor bar fault detection using machine learning: Optimal frequency resolution

Koveshnikov, Semen; Bouharrouiti, Nada El; **Kudelina, Karolina; Naseer, Muhammad Usman; Vaimann, Toomas;** Belahcen, Anouar 2024 International Conference on Electrical Machines (ICEM) 2024 / 6 p <https://doi.org/10.1109/ICEM60801.2024.10700228>

Challenges of additive manufacturing of electrical machines

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Computation of magnetic forces using degenerated air-gap element

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Computation of stator vibration of an induction motor using nodal magnetic forces [Online resource]

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Condition monitoring and fault detection for electrical machines using IOT

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Design of an additively manufactured polymer composite electrical machine

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Opportunities and challenges of utilizing additive manufacturing approaches in thermal management of electrical machines

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Steady-state thermal modeling of salient pole synchronous generator

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Utilization of additive manufacturing in the thermal design of electrical machines : a review

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