

Design of rotors for synchronous reluctance motor : analytical treatment and optimization

Orlova, Svetlana; Pugachov, Vladislav; **Rassõlkin, Anton**; **Kallaste, Ants**; **Vaimann, Toomas** 2019 21st European Conference on Power Electronics and Applications (EPE '19 ECCE Europe), 3-5 Sept. 2019, Genova, Italy : proceedings 2019 / 9 p. : ill <https://doi.org/10.23919/EPE.2019.8914760>

Environmental and life cycle cost analysis of a synchronous reluctance machine [Online resource]

Rassõlkin, Anton; Orlova, Svetlana; **Vaimann, Toomas**; **Belahcen, Anouar**; **Kallaste, Ants** 2016 57th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCon) : October 13, 14, 2016 : conference proceedings 2016 / [5] p. : ill <https://doi.org/10.1109/RTUCon.2016.7763127>

Influence of permanent magnet characteristic variability on the wind generator operation

Kudrjavitsev, Oleg; **Kallaste, Ants**; **Kilk, Aleksander**; **Vaimann, Toomas**; **Orlova, Svetlana** Latvian journal of physics and technical sciences 2017 / p. 3-11 : ill <https://doi.org/10.1515/lpts-2017-0001>

Lifecycle analysis of different motors from the standpoint of environmental impact

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Metamodel-based optimization of synchronous reluctance motor rotor

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Response surface method for optimization of synchronous reluctance motor rotor

Orlova, Svetlana; Auzins, Janis; Pugachov, Vladislav; **Rassõlkin, Anton**; **Vaimann, Toomas** Machines 2022 / art. 897 <https://doi.org/10.3390/machines10100897> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Re-use and recycling of different electrical machines

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