

**Determination of core losses using an inverse modeling technique**

Osemwinyen, Osaruyi; Hemeida, Ahmed; **Shams Ghahfarokhi, Payam; Belahcen, Anouar** IEEE Access 2022 / p. 29224-29232  
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**Steady-state thermal modeling of salient pole synchronous generator**

**Shams Ghahfarokhi, Payam; Podgornovs, Andrejs; Kallaste, Ants; Cardoso, Antonio J. Marques; Belahcen, Anouar; Vaimann, Toomas; Kudrjavitsev, Oleg; Asad, Bilal; Iqbal, Muhammad Naveed** Energies 2022 / art. 9460 <https://doi.org/10.3390/en15249460>  
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**Thermal modeling of a TEFC synchronous reluctance motor**

**Shams Ghahfarokhi, Payam; Podgornovs, Andrejs; Marques Cardoso, Antonio J.; Kallaste, Ants; Belahcen, Anouar; Vaimann, Toomas** 2021 IEEE 62nd International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON), 15-17 Nov. 2021 : conference proceedings 2021 / 4 p. : ill <https://doi.org/10.1109/RTUCON53541.2021.9711740>