

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

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**Effects of stator core welding on an induction machine – measurements and modeling**

Sundaria, Ravi; Daem, Andries; Osemwinyen, Osaruyi; Lehtikoinen, Antti; Sergeant, Peter; Arkio, Antero; **Belahcen, Anouar**  
Journal of Magnetism and Magnetic Materials 2020 / art. 166280 <https://doi.org/10.1016/j.jmmm.2019.166280> [Journal metrics at Scopus](#)  
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**Thermographic measurement and simulation of power losses due to interlaminar contacts in electrical sheets**

Shah, Sahas Bikram; Osemwinyen, Osaruyi; Rasilo, Paavo; **Belahcen, Anouar**; Arkio, Antero IEEE transactions on instrumentation and measurement 2018 / p. 2628–2634 : ill <https://doi.org/10.1109/TIM.2018.2829321>