

### **Analytical modelling of synchronous reluctance motor including non-linear magnetic condition**

**Naseer, Muhammad Usman; Kallaste, Ants; Asad, Bilal; Vaimann, Toomas; Rassõlkin, Anton** IET electric power applications 2022 / p. 511-524 <https://doi.org/10.1049/elp2.12172> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Extended observer form for nonlinear system with disturbances : Algorithm and application**

**Kaparin, Vadim; Simha, Ashutosh; Chowdhury, Nilanjan Roy; Kotta, Ülle; Levron, Yoash; Belikov, Juri** 2024 18th International Conference on Control, Automation, Robotics and Vision (ICARCV) 2024 <https://doi.org/10.1109/ICARCV63323.2024.10821609>

### **Homogenization technique for axially laminated rotors of synchronous reluctance machines**

Martin, Florian; **Belahcen, Anouar**; Lehtikoinen, Antti; Rasilo, Paavo IEEE transactions on magnetics 2015 / [6] p. : ill <http://dx.doi.org/10.1109/TMAG.2015.2463262>

### **Identification of synchronous machine magnetization characteristics from calorimetric core-loss and no-load curve measurements**

Rasilo, Paavo; Abdallah, Ahmed Abou-Elyazied; **Belahcen, Anouar**; Arkkio, Antero; Dupré, Luc IEEE transactions on magnetics 2015 / [4] p. : ill <http://dx.doi.org/10.1109/TMAG.2014.2354055>

### **Importance of iron-loss modeling in simulation of wound-field synchronous machines**

Rasilo, Paavo; **Belahcen, Anouar**; Arkkio, Antero IEEE transactions on magnetics 2012 / p. 2495-2504 : ill <https://ieeexplore.ieee.org/document/6186824>

### **Minimal energy storage required for stability of low inertia distributed sources**

Fahima, Aviad; Ofir, Ron; Levron, Yoash; **Belikov, Juri** 2018 5th IEEE International Energy Conference (ENERGYCON), Limassol, Cyprus, June 3-7, 2018 : proceedings 2018 / 5 p. : ill <https://doi.org/10.1109/ENERGYCON.2018.8398775>