

Comparative study of field-oriented control model in application for induction and synchronous reluctance motors for life-cycle analysis

Autsou, Siarhei; Saroka, Viktor; Karpovich, Dzmitry; **Rassölklin, Anton; Gevorkov, Levon; Vaimann, Toomas; Kallaste, Ants; Belahcen, Anouar;** Rassölklin, Anton 2018 25th International Workshop on Electric Drives: Optimization in Control of Electric Drives (IWED) 2018 / p. 1-5 : ill <https://doi.org/10.1109/IWED.2018.8321371>

Distribution of solar irradiance on inclined surfaces caused by moving clouds

Tomson, Teolan Theoretical and Applied Climatology 2016 / p. 1023 - 1031 <https://doi.org/10.1007/s00704-015-1449-3> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Implementation of focused guided waves to locate axial defects in pipes

Fletcher, Sam; Lowe, Michael John Stewart; **Ratassep, Madis;** Brett, C. Review of progress in quantitative nondestructive evaluation. Volume 29 2010 / p. 223-230 <https://doi.org/10.1063/1.3362398>

A model-based adaptive control of turning maneuver for catamaran autonomous surface vessel

Astrova, Igor; Astrova, Irina WSEAS Transactions on Systems and Control 2024 / p. 135-142
<https://doi.org/10.37394/23203.2024.19.14> Journal metrics at Scopus Article at Scopus

A model-based control of self-driving car trajectory for lanes change maneuver in a smart city

Astrova, Igor WSEAS transactions on systems and control 2023 / art. 36, p. 346-353 : ill <https://doi.org/10.37394/23203.2023.18.36>
Journal metrics at Scopus Article at Scopus

Optimal tracking control of catamaran sailboat model in a smart city

Astrova, Igor Automation, Robotics & Communications for Industry 4.0/5.0 : proceedings of the 4th Winter IFSA Conference on Automation, Robotics & Communications for Industry 4.0/5.0 (ARCI 2024), 7-9 February 2024, Innsbruck, Austria 2024 / p. 78–83 : ill <https://doi.org/10.13140/RG.2.2.20923.18722>

Plant macrofossil evidence for an early onset of the Holocene summer thermal maximum in northernmost Europe

Välijärvi, Minna M.; Salonen, J. Sakari; Heikkilä, Maija P.; **Amon, Leeli;** Helmens, Karin F.; Klimaschewski, Andrea; Kuhry, Peter; Kultti, Seija; **Poska, Anneli;** Shala, Shyhrete; **Veski, Siim;** Birks, Hilary H. Nature Communications 2015 / art. 6809
<https://doi.org/10.1038/ncomms7809> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Simulation of grid connected three-level neutral-point-clamped qZS inverter using PSCAD

Roncero-Clemente, Carlos; Romero-Cadaval, Enrique; **Husev, Oleksandr; Vinnikov, Dmitri;** Stepenko, Serhii Scientific Journal of Riga Technical University. Electrical, control and communication engineering 2013 / p. 14-19 : ill