

Design of retuning fractional PID controllers for a closed-loop magnetic levitation control system

Tepljakov, Aleksei; Petlenkov, Eduard; Belikov, Juri; Gonzalez, Emmanuel A. 2014 13th International Conference on Control, Automation, Robotics & Vision (ICARCV 2014) : Marina Bay Sands, Singapore, 10-12th December 2014 2014 / p. 1345-1350 : ill

Jet and vortex ring-like structures in internal combustion engines : stability analysis and analytical solutions

Sazhin, Sergei; Boronin, S.; **Kaplanski, Felix** Procedia IUTAM 2013 / p. 196-204

Piezoelectric compensation of structural damping in metamaterial beams: stability and performance analysis

Alimohammadi, Hossein; Vassiljeva, Kristina; HosseinNia Kani, Seyed Hassan; **Ellervee, Peeter; Petlenkov, Eduard** Active and Passive Smart Structures and Integrated Systems XVIII 2024 / art. 129460J, 11 p. : ill <https://doi.org/10.1117/12.3024120>
[Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Stability analysis of a nanogrid considering communication delay time

Helguero Cruz, Jorge Luis; Rosin, Argo; Biechl, Helmuth Stability Analysis of a Nanogrid Considering Communication Delay Time : 10th International Conference on Electrical and Electronics Engineering (ICEEE), Istanbul, Turkiye, 08-10 May 2023 2023 / p. 139-143 : ill <https://doi.org/10.1109/ICEEE59925.2023.00033>

Trajectory phase-plane method - based analysis of stability and performance of a fuzzy logic controller for an anti-lock braking system

Aksjonov, Andrei; Ricciardi, Vincenzo; **Vodovozov, Valery;** Augsburg, Klaus 2019 IEEE International Conference on Mechatronics (ICM) : proceedings 2019 / p. 602-607 : ill <https://doi.org/10.1109/ICMECH.2019.8722831>

Uses and misuses of quasi-static time-varying phasor models in power systems

Belikov, Juri; Levron, Yoash IEEE transactions on power delivery 2018 / p. 3263-3266 <https://doi.org/10.1109/TPWRD.2018.2852950>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)