SCIENTIFIC PUBLICATIONS

Keyvan Karim Afshar | Doctoral research | 5 listed works: 2 journal articles and 3 conference articles

1 JOURNAL PUBLICATIONS

PUBLICATION TITLE	JOURNAL	VOLUME / PAGES	Year	DOI
Evaluation of ride performance of active inerter-based vehicle suspension system with parameter uncertainties and input constraint via robust H∞ control K. Karim Afshar, R. Korzeniowski, J. Konieczny	Energies	Vol. 16, No. 10; Art. 4099	2023	10.3390/en16104099
Constrained dynamic output-feedback robust H∞ control of active inerter-based half-car suspension system with parameter uncertainties K. Karim Afshar, R. Korzeniowski, J. Konieczny	IEEE Access	Vol. 11; pp. 46051–46072	2023	10.1109/ACCESS.2023.3272328

2 CONFERENCE PUBLICATIONS

PUBLICATION TITLE	CONFERENCE	VOLUME / PAGES	Year	DOI
Design of robust H∞ control of an active inerter-based vehicle suspension system K. Karim Afshar, R. Korzeniowski, J. Konieczny	XXI Polish Control Conference; Springer	Vol. 1; pp. 337–348	2023	10.1007/978-3-031-35170-9_32
Application of constrained H∞ control for a half-car model of an active suspension system equipped with inerter K. Karim Afshar, R. Korzeniowski, J. Konieczny	European Control Conference (ECC); IEEE	pp. 1–7	2023	10.23919/ECC57647.2023.10178319
Robust H∞ control of semi-active suspension system with adaptive inerter via force-tracking K. Karim Afshar, R. Korzeniowski, J. Konieczny	25th International Carpathian Control Conference (ICCC); IEEE	pp. 1–6	2024	10.1109/ICCC62069.2024.10569659