

Disturbance propagation in vehicle platoons : symmetric bidirectional interconnections

Farnam, Arash; Farsi, Milad; **Ghorbani, Majid**; Azad, Nasser Lashgarian; Crevecoeur, Guillaume 2024 American Control Conference (ACC) : July 8-12, 2024, Toronto 2024 / p. 408-413 <https://doi.org/10.23919/ACC60939.2024.10644505> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Graphical tuning for robust stabilization : implementable stability regions for fractional-order proportional integral controllers in interval fractional-order systems

Ghorbani, Majid; Farnam, Arash; **Tepljakov, Aleksei**; **Petlenkov, Eduard**; Crevecoeur, Guillaume; Eskandarian, Azim 2024 IEEE 63rd Conference on Decision and Control (CDC) 2024 / p. 8902 - 8907 <https://doi.org/10.1109/CDC56724.2024.10885794> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Robust stability analysis of interval fractional-order plants with interval time delay and general form of fractional-order controllers

Ghorbani, Majid; Tavakoli-Kakhki, Mahsan; **Tepljakov, Aleksei**; **Petlenkov, Eduard**; Farnam, Arash; Crevecoeur, Guillaume IEEE Control Systems Letters 2022 / p. 1268-1273 <https://doi.org/10.1109/LCSYS.2021.3091525> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)