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Papers in Conferences

1. [Design of Robust State Estimation Filter in The Presence of Uncertainty, Fault, and Unknown](#), 7th International Conference on Control, Instrumentation, and Automation (ICCIA), 1 - 23 02 2021, تبریز .
2. [Actuator Fault Detection and Isolation for Helicopter Unmanned Aerial Vehicle in the Present of Disturbance](#), 1 - 18 12 2019, شاهرود .

Papers in Journals

1. [با ضرایب بهینه H_∞ جاتی درچه، طراحی افزایشده پایداری مقاوم k زهرا سلامتی قمصری، علیرضا فرجی ارمکی، زهرا ژنتیکی برای مدل چند ورودی چند خروجی بالگرد بدون سرنشین با دینامیکهای وابسته، مهندسی برق و مهندسی کامپیوتر، ISC، date-error، ایران.](#)
2. [Vibration Suppression of Composite Plate Reinforced by CNTs On Elastic Foundation Using Active Control Method](#), Journal of Science and Technology of Composites, ۱۳۹۹/۱۲/۱۵، ISC.
3. [Modified three stage Kalman filtering for stochastic non-linear systems with randomly occurring faults and intermittent measurements](#), IET Control Theory & Applications, 2022 08 06, ISC ,JCR.
4. [Modified three stage Kalman filtering for stochastic non-linear systems with randomly occurring faults and intermittent measurements](#), IET Control Theory & Applications, 2022 08 06, ISC ,JCR.
5. [Modified three stage Kalman filtering for stochastic non-linear systems with randomly occurring faults and intermittent measurements](#), IET Control Theory & Applications, 2022 08 06, ISC ,JCR.
6. [Modified three stage Kalman filtering for stochastic non-linear systems with randomly occurring faults and intermittent measurements](#), IET Control Theory & Applications, 2022 08 06, SCOPUS ,JCR.
7. [Modified three stage Kalman filtering for stochastic non-linear systems with randomly occurring faults and intermittent measurements](#), IET Control Theory & Applications, 2022 08 06, SCOPUS ,JCR.
8. [Modified three stage Kalman filtering for stochastic non-linear systems with randomly occurring faults and intermittent measurements](#), IET Control Theory &

Applications,2022 08 06,SCOPUS ,JCR.

9. امیر امینی زازرانی،علیرضا فرجی ارمکی،مهدی محمدی مهر. Robust multi-model controllers design without impulse in switching times for non-linear vibrations suppression of sandwich plate,IET CONTROL THEORY A,2022 06 17,ISC ,JCR.

10. مرضیه احمدی،علیرضا فرجی ارمکی. Energy Optimization of Under-actuated Crane model for Time-Variant Load Transferring using Optimized Adaptive Combined Hierarchical Sliding Mode Controller,نشریه مهندسی و مدیریت انرژی دانشگاه کاشان,Vol. 11,pp. 2,2021 12 31,ISC.

11. مرضیه احمدی،علیرضا فرجی ارمکی. Optimized Adaptive Combined Hierarchical Sliding Mode Controller Design for a Class of Uncertain Under-actuated Time-Varying Systems,مجله مهندسی برق دانشگاه تبریز,Vol. 51,pp. 161,2021 11 16,ISC.

12. زهرا نجاتی درچه،علیرضا فرجی ارمکی. Actuator Fault Detection and Isolation for Helicopter Unmanned Aerial Vehicle in the Present of Disturbance,International Journal of Engineering,Vol. 34,pp. 676,2021 03 01,SCOPUS.

13. امیر امینی زازرانی،مهدی محمدی مهر،علیرضا فرجی ارمکی. Optimal placement of piezoelectric actuator/senor patches pair in sandwich plate by improved genetic algorithm,SMART STRUCT SYST,2020 12 25,SCOPUS ,JCR.

14. امیر امینی زازرانی،مهدی محمدی مهر،علیرضا فرجی ارمکی. Active control to reduce the vibration amplitude of the solar honeycomb sandwich panels with CNTRC facesheets using piezoelectric patch sensor and actuator,STEEL COMPOS STRUCT,Vol. 32,pp. 671,2019 09 10,JCR.

15. زهرا نجاتی درچه،مصطفی عابدی. Actuator Faults Estimation for a Helicopter UAV in Presence of Disturbances,journal of Control, Automation and Electrical Systems,0000 00 00,SCOPUS ,ISI-Listed.