Faculty Members Website
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Papers in Journals

1. Reza Behinfaraz, Amir Aminzadeh Ghavifekr, Roberto De Fazio, Paolo Visconti,Utilizing Fractional Artificial Neural Networks for Modeling Cancer Cell Behavior,Electronics,2023.
2. Reza Behinfaraz, Abdolmehdi Bagheri, Amir Aminzadeh Ghavifekr, Paolo Visconti,Risk Control for Synchronizing a New Economic Model,Systems,2023.
3. Seyed Matin Malakouti , Amir Rikhtehgar Ghiasi , Amir Aminzadeh Ghavifekr , Parvin Emami,Predicting wind power generation using machine learning and CNN-LSTM approaches,Wind Engineering,pp. 1853-1869,2022.
4. Seyed Matin Malakouti, Amir Rikhtehgar Ghiasi, Amir Aminzadeh Ghavifekr,AERO2022-flying danger reduction for quadcopters by using machine learning to estimate current, voltage, and flight area,e-Prime-Advances in Electrical Engineering, Electronics and Energy,2022.
5. Mar□a T Orva□anos , Guerrero, Mario Acevedo, Claudia N S□nchez, Daniel U Campos , Delgado, Amir Aminzadeh Ghavifekr, Paolo Visconti, Ramiro Vel□zquez,Complete balancing of the six-bar mechanism using fully cartesian coordinates and multiobjective differential evolution optimization,Mathematics,2022.
6. Amir Aminzadeh Ghavifekr, Roberto De Fazio, Ramiro Velazquez, Paolo Visconti,Sensors Allocation and Observer Design for Discrete Bilateral Teleoperation Systems with Multi-Rate Sampling,sensors,2022.
7. Amir A Ghavifekr, Amir R Ghiasi, Mohammad Ali Badamchizadeh, Farzad Hashemzadeh,Exponential stability of bilateral sampled-data teleoperation systems using multirate approach,ISA transactions,2020.
8. Amir A Ghavifekr, Amir R Ghiasi, Mohammad A Badamchizadeh, Farzad Hashemzadeh, Paolo Fiorini,Stability analysis of the linear discrete teleoperation systems with stochastic sampling and data dropout,European Journal of Control,pp. 63-71,2018.
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11. A. A. Ghavifekr, M.A. Badamchizadeh, A.R. Ghiasi,Evaluation of Three Different Null Space Joint Velocities For a Redundant 5-Bar Linkage Manipulator,International Journal of Electrical, Electronics and Data Communication (IJEEDC),2016.
12. A Ghavifekr, S Ghaemi, R Behinfaraz,A Modified biogeography based optimization (bbo) algorithm for time optimal motion planning of 5 dof pc-based gryphon robot,International Journal of Engineering

works,2014.
13. Amir Aminzadeh Ghavifekr, Arash Arjmandi, Kanan Sehat,Evaluation of Particle Swarm Optimization and Adaptive Genetic Algorithm for Motion Planning in Minimally Invasive Surgery,Majlesi Journal of Mechatronic Systems,2012.