

جعفر کیقبادی

استاد

دانشکده: مهندسی مکانیک

سوابق تحصیلی

مقطع تحصیلی	سال اخذ مدرک	رشته و گرایش تحصیلی	دانشگاه
کارشناسی ارشد		مهندسی مکانیک	Amirkabir University of Technology (Tehran (Polytechnic
دکترای تخصصی		مهندسی مکانیک کنترل	Amirkabir University of Technology (Tehran (Polytechnic
دوره های تخصصی	۲۰۰۸	بهینه سازی محدب	استنفورد - استفان بوید

مقالات در همایش ها

۱. Sadra RafatniaJavad FarajiJavad FarajiJafar KeighobadiJafar KeighobadiAbolfazl totounchi،Design and implementation of model predictive estimation algorithm for In-move aligned INS/GPS system،27th International Conference of Iranian Society of Mechanical Engineers (ISME)At: Tehran, Iran،2019 04 27.

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۲. Jafar Keighobadi Mehran Hossein iJavad Faraji،Adaptive neural dynamic surface control of mechanical systems using integral terminal sliding mode،Neurocomputing،2019 12 21.

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4. Hossein Nourmohammadi iJafar Keighobadi,Decentralized INS/GPS system with MEMS-grade inertial sensors using QR-factorized CKF,IEEE Sensors Journal,2017 06 01.

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6. Mohammad Reza Moghanni Bavil Olyaei Jafar Keighobadi Ahmad Ghanbari Angelina Olegovna Zekiy,Passivity-based hierarchical sliding mode control/observer of underactuated mechanical systems,Journal of Vibration and Control,2022 05 19.
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12. Mohammad Reza Moghanni Bavil Olyaei Ahmad Ghanbari Jafar Keighobadi,Trajectory Tracking Control of a Class of Underactuated Mechanical Systems with Nontriangular Normal Form Based on Block Backstepping Approach,Journal of Intelligent & Robotic Systems,2019 01 24.
۱۳. Ahmadreza Najafi Jafar Keighobadi،Full-state-feedback, Fuzzy type I and Fuzzy type II control of MEMS accelerometer،Journal of Mechanical Science and Technology،2018 10 12.
14. Jafar Keighobadi Mehran Hosseini Atta Oveisi Tamara Nestorovi'c,Robust Linear Output Regulation Using Extended State Observer,Mathematical Problems in Engineering Mathematical Problems in,2018 10 12.
15. Jafar Keighobadi Hojjat Fouladi Davood Hashempour Amirreza Rafat Talebi,Dynamical Investigation of Cam-Follower Profile Under Space -100 to + 120°C Temperature Condition,Journal of Mechanical Engineering and Applications,2021 12 19.
۱۶. Sharifi Mohammad Ali Hamed،Design and و Jafar Keighobadi Javad Faraji Farrokh Janabi experimental evaluation of block-pulse functions and Legendre polynomials observer for attitude-heading reference system،ISA Transactions،2021 05 21.
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پایان‌نامه‌ها

۱. ۴- Advanced integrated sensor-based path planning and navigation system for autonomous intelligent robot Mars rover ، ۱۴۰۵/۱۲/۱۲

۲. Design and control of quantum sensors based on a new filtering method for inertial positioning ، ۱۴۰۵/۶/۲۱

۳. ۵- Control of a cam-based infinitely variable transmission using fast and hyper-torque terminal sliding mode controllers tuned based on behavior tree ، ۱۴۰۵/۶/۱۸

۴. ۳- Application of artificial intelligence in graphene-reinforced nanocomposite lubricants to improve wear resistance in deep drawing dies with temperature effects ، ۱۴۰۵/۶/۱۸

۵. ۲- Implementing and increasing the performance and prediction accuracy of the INS-GNSS positioning system using intelligent estimation and deep learning ، ۱۴۰۵/۳/۲

۶. ۷- Nanotechnology Application to Enhance the Emission Control by Using Activated Carbons Modified by Magnesium Oxide ، ۱۴۰۲/۳/۸

۷. INS/GPS with Deep Belief Networks based Bayesian Filtering Techniques and Implementation by Linux Systems, Parisa Doostdar

۸. ۹- Design and implementation of a comprehensive navigation algorithm for INS/GPS with IMU alignment and auto-calibration