



Seyed Hossein Ejtahed

Assistant Professor

College: Faculty of Electrical and Computer Engineering

Department: Electrical Engineering - Control

- [Thought Courses](#)

Graduate Courses

Multi-variable control
Optimal control
Nonlinear control
Fault Tolerant Control

Under Graduate Courses

Linear Control
Linear Algebra
Electrical circuits
Digital/logic circuits
Fundamental of Electrical Engineering

Education

Degree	Graduated in	Major	University
BSc	2000	Control Engineering	Tehran
MSc	2004	Control Engineering	Tehran PolyTechnic
Ph.D	2022	Control Engineering	Ferdowsi University of Mashad

Employment Information

Faculty/Department	Position/Rank	Employment Type	Cooperation Type	Grade
Electrical & Computer Faculty	Lecturer	Tenured	Full Time	19

Papers in Conferences

1. Edjtahed ,Nonlinear State Space Modeling of Variable speed Wind Power Generation System ,IEEE Power Engineering Society (PES) General Meeting ,Montreal, Quebec, Canada ,18-20June 2006.

Papers in Journals

1. سيدحسين اجتهد،مدلسازی غیرخطی و کنترل جامع مقاوم توربین بادی سرعت- متغیر با ژنراتور القایی قفس سنجابی SID,ISC,و کنترل زاویه پیچش پره‌ها،نشریه مهندسی و مدیریت انرژی،مجلد ۷،شماره صفحات ۲۰/۰۶/۱۳۹۶،۲۶.
2. بدون جاروبک،نشریه انرژی ایران،مجلد DC سيدحسين اجتهد،ابو الفضل حلوائی نیاسر،کنترل محرکه های موتورهای ISC،۱۹،شماره صفحات ۲۰/۰۷/۱۳۹۵،۱۴۵.
3. Vibration analysis and control of micro porous beam integrated with FG-CNT distributed piezoelectric sensor and actuator,STEEL COMPOS STRUCT,Vol. 41,pp. 595,2021 11 25,JCR.
4. A Non-linear Controller Design for UPQC in Distribution Systems,Alexandria Engineering Journal,Vol. 57,pp. 3387,2018 12 11,SCOPUS.
5. سيدحسين اجتهد،State Space Modeling and Robust Wind Power Generation System,Journal of Alternate Energy Sources & Technologies,Vol. 8,pp. 24,2017 08 11.
6. سيدحسين اجتهد،اميرحسين پيرزاده،ابو الفضل حلوائی نیاسر،Dynamic Modeling and Simulation of Short-Duration Over-excitation Phenomenon in Hysteresis Motor,International Journal of Power Electronics and Drive System (IJPEDS),Vol. 8,pp. 31,2017 06 11,SCOPUS.
7. محسن تیموری،سيدحسين اجتهد،ابو الفضل حلوائی نیاسر،Design and Simulation of Z-Source Inverter Fed Brushless DC Motor Drive Supplied With Fuel Cell for Automotive Applications,Journal of Power Electronics & Power Systems,Vol. 6,pp. 60,2016 12 11.
8. سعيد خوبی آرانی،سيدحسين اجتهد،ابو الفضل حلوائی نیاسر،Energy Management of a Solar Powered Electric Vehicle with Multiple-Energy Storage via Optimized Fuzzy Controller,Journal of Control & Instrumentation (JoCI),Vol. 7,pp. 1,2016 11 11.
9. Integrated Fault Detection and Robust Control for Linear Uncertain Switched Systems with Mode-Dependent Time-Varying State Delay,Control and Optimization in Applied Mathematics,0000 00 00.