



## 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

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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

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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. State Space Modeling and Robust Wind Power Generation System,Journal of Alternate Energy Sources & Technologies,Vol. 8,pp. 24,2017 08 11.
6. 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. 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. 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.