



## Seyed Hossein Ejtahed

Lecturer

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	Tenure Track	Full Time	17

## 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. سیدحسین 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 بدون جاروبک،نشریه انرژی ایران،مجلد DC سیدحسین اجتهد،ابو الفضل حلوائی نیاسر،کنترل محرکه های موتورهای ISC،۱۹،شماره صفحات ۲۰/۰۷/۱۳۹۵،۱۴۵.
3. A Non-linear Controller Design for UPQC in Distribution Systems,Alexandria Engineering Journal,Vol. 57,pp. 3387,2018 12 11,SCOPUS.
4. State Space Modeling and Robust Wind Power Generation System,Journal of Alternate Energy Sources & Technologies,Vol. 8,pp. 24,2017 08 11.
5. سیدحسین اجتهد،امیرحسین پیرزاده،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.
6. 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.
7. سعید خوبی آرانی،سیدحسین 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.