

Ahmad Khajeh

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Education

- B.Sc, Electrical Engineering,Sistan and Baluchestan University - 2004
- MS, Electrical Engineering - power,Amirkabir University of Technology - 2007
- PhD, Electrical Engineering - power,Ferdowsi University of Mashhad - 2014

Courses

1. Power Systems Analysis II
2. Electrical Machines - I
3. Power Systems Dynamic Stability
4. Electrical Machines - III
5. Industrial Electronics
6. Analysis of Electrical Energy Systems -||
7. Special Electrical Machinery
8. drive control
9. Electrical Machines - II
10. Electrical Energy systems Analsis -|
11. Power system Analysis1
12. Electrical Machines - I

Master Thesis

Journals Papers

2019

1. A novel low-cost microcontroller-based implementation of SVM algorithm for an indirect matrix converter

Ahmad Khajeh, Mohamad Hosseini Abardeh, Reza Ghazi, S. Masoud Barakati, Mahmoud Oukati sadegh

EPE JOURNAL Volume: (29) 1 - 12

2018

2. Evaluation of Synchronization and MPPT algorithms in a DFIG Wind Turbine Controlled by an Indirect Matrix Converter

Ahmad Khajeh, Reza Ghazi, Mohamad Hosseini Abardeh, Mahmoud Oukati sadegh

international journal of power electronics and drive systems Volume: (9) 145 - 156

3. Adaptive Gain Scheduling Control of Doubly Fed Induction Generator Based Wind Turbines to Improve Fault Ride Through Performance

Ahmad Khajeh, Zahra Shabani Siahkalde

international journal of industrial electronics, control and optimization Volume: (1) 61 - 70

2015

4. Modeling of Dispersive Liquid-Liquid Microextraction for Determination of Essential Oil from Borago officinalis L. By Using Combination of Artificial Neural Network and Genetic Algorithm Method

Mostafa Khajeh, Zahra Safaei Moghaddam, Mousa Bohlooli, Ahmad Khajeh

JOURNAL OF CHROMATOGRAPHIC SCIENCE Volume: (53) 1801 - 1807

2013

5. GA-Based Optimal LQR Controller to Improve LVRT Capability of DFIG Wind Turbines

Ahmad Khajeh, Reza Ghazi

Iranian Journal of Electrical and Electronic Engineering Volume: (9) 167 - 176

6. Control of DFIG Wind Turbines Based on Indirect Matrix Converters in Short Circuit Mode to Improve the LVRT Capability

Reza Ghazi, Ahmad Khajeh

Advances in Power Electronics Volume: (2013) 1 - 12

Conferences Papers

2018

1. A New Slip Surface Sliding Mode Controller to Implement MPPT Method in Photovoltaic System

9th Power Electronics, Drive Systems, and Technologies

Amir Shahdadi, Ahmad Khajeh, S. Masoud Barakati