



PERSONAL INFORMATION

Mohammad Abdi

POSITION : ALUMNUS

Gender: male

Birth date: January, 20, 1992

Nationality: Iranian

EDUCATION AND TRAINING

- B.S in Control Engineering at Tabriz University
2010 - 2014
Thesis title: Using Fuzzy Controller on Power Systems for Frequency Stability.
- M.S in Power Electronic Engineering at K.N.toosi university of technology.
2014 - 2017
Field of Study: Power Electronic And Drives
Thesis title: Design and Construction of Sensorless BLDC Motor Controller

PUBLICATIONS

“Design of voltage boost converter with using of push pull inverter and multiplier in order to reduce ripple and increase the accuracy of output voltage”
25th Iranian Conference on Electrical Engineering

RESEARCH INTEREST

- Modern motors controllers
 - Permanent Magnet Synchronous Motors (PMSM)
 - Brushless DC Motors (BLDC)
 - Different Control Algorithms (BEMF - FOC - ...)
- Power electronics subsets
 - Inverters
 - Switching power supplies
 - DC/DC converters and ...
- High Voltage power supplies for X-Ray and electron microscopy applications

CONTACT INFORMATION

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