



Hamed Torabi

Professor

Faculty : Electrical and Computer Engineering

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Education

- ✓ B.Sc, Electrical Engineering - Electronics,Sistan and Baluchestan University - 2001
- ✓ MS, electrical Engineering - control,Iran University of Science and Technology - 2004
- ✓ PhD, electrical Engineering - control,Ferdowsi University of Mashhad - 2016

Courses

- | | |
|---|---|
| 1. Systems Identification | 2. FUND ELEC ENG |
| 3. Engineering Mathematics | 4. Linear System and Control lab |
| 5. linear Algebra | 6. special issues of control(adaptive control and predictive) |
| 7. Introduction to Electrical Engineering | 8. Digital control and un linear |
| 9. Industrial Control | 10. Electric Circuits II |

Journals Papers

2022

1. Identification of Switched ARX Systems using an Iterative Weighted Least Squares Algorithm

Hamed Torabi, Hadi KeshvariKhor

international journal of industrial electronics, control and optimization Volume: (5) 23 - 30

2021

2. Improved model predictive control for modular multilevel converter with reduced voltage sensors based on Kalman filter

Abolfazl Shiybani far, S. Masoud Barakati, Hamed Torabi, , Vahid Barahouei

International Transactions on Electrical Energy Systems Volume: (31) 13199-1 - 13199-21

2019

3. Kalman Filter-Smoothed Random Walk Based Centralized Controller for Multi-Input Multi-Output Processes

, Saeed Tavakoli Afshari, Jafar Sadeghi, Hamed Torabi

international journal of industrial electronics, control and optimization Volume: (2) 155 - 166

2018

4. Kalman filter-based centralized controller design for non-square multi-input multi-output processes

, Saeed Tavakoli Afshari, Jafar Sadeghi, Hamed Torabi

CHEMICAL ENGINEERING RESEARCH and DESIGN Volume: (132) 187 - 198

Conferences Papers

2021

1. Improved Indirect Model Predictive Control for Modular Multilevel Converter

12th Power Electronics, Drive Systems, and Technologies Conference (PEDSTC)

Abolfazl Shiybani far, S. Masoud Barakati, , , Hamed Torabi