

علی مددی

دانشیار

دانشکده: مهندسی برق



سوابق تحصیلی

مقطع تحصیلی	سال اخذ مدرک	رشته و گرایش تحصیلی	دانشگاه
کارشناسی	۱۳۶۸	مهندسی برق (الکترونیک)	دانشگاه صنعتی امیرکبیر (پلی تکنیک تهران)
کارشناسی ارشد	۱۳۷۲	مهندسی برق (کنترل)	دانشگاه صنعتی امیرکبیر (پلی تکنیک تهران)
دکتری	۱۳۸۰	مهندسی برق (کنترل)	دانشگاه صنعتی امیرکبیر (پلی تکنیک تهران)

اطلاعات استخدامی

محل خدمت	عنوان سمت	نوع استخدام	نوع همکاری	پایه
دانشکده مهندسی برق		رسمی قطعی	تمام وقت	۳۳

سوابق اجرایی

- 1- مدیر گروه الکترونیک (از تاریخ 1386/3/26 تا 1387/12/1)
- 2- معاون آموزشی و پژوهشی دانشکده مهندسی برق (از تاریخ 1388/12/18 تا 1389/7/14)
- 3- ریاست دانشکده مهندسی برق (از تاریخ 1389/7/14 تا 1391/8/17)
- 4- مدیر گروه کنترل (از تاریخ 1392/2/4 تا 1394/2/22)
- 5- مدیر گروه کنترل (از تاریخ 1396/5/31)

فعالیت های علمی و اجرایی

- 1- ایجاد و راه اندازی گروه کنترل در دانشکده مهندسی برق دانشگاه تفرش (در تابستان 1391)

1. Ali Madady– M. Ramezani,Introducing a weighted adaptive filter to eliminate salt و S. Kalantari and pepper noise from digital images using Manhattan distance and average values of minima.Fifth International Conference on New Horizons in Electrical, Computer and Mechanical Engineering,June ۲۰۲۰
2. S. Kalantari , M. Ramezani , Ali Madady ,Reduction AWGN from Digital Images Using a New Local Optimal Low-Rank Approximation Method ,5th Brazilian Technology Symposium ,October 2019
3. Momeni Zadeh , A. Madady , H. R. Alikhani ,A Graphical Approach to Design PI Controller for Integrator plus Dead-Time Processes ,2nd International Conference on Control, Instrumentation and Automation ,Dec. 27-29, 2011
4. A. Madady , M. Shafiee , H. R. Alikhani ,Model Reference Adaptive Control of 2-D Systems via Wave Advanced Model ,IEEE Multi-Conference on Systems and Control ,Aug. 28-30, 2013
5. A. Madady ,& H. R. Alikhani ,Strong Stabilizing of Integral plus Dead-Time Processes using First-Order Controllers ,IEEE Multi-Conference on Systems and Control ,Aug. 28-30, 2013
6. H. R. Alikhani ,& A. Madady ,A Graphical Method for Designing PD Controller for IPDT Processes ,IEEE Multi-Conference on Systems and Control ,Aug. 28-30, 2013
7. H. R. Alikhani ,& A. Madady ,First-Order Controllers Design for Second-Order Integrating Systems with Time Delay ,IEEE Multi-Conference on Systems and Control ,Aug. 28-30, 2013
8. A. Madady ,& H. R. Alikhani ,Stabilization of Integral plus Dead-Time Processes by Digital PI Controller ,IEEE Multi-Conference on Systems and Control ,Aug. 28-30, 2013
9. A. Madady ,& H. R. Alikhani ,Optimal FOPDT Model Fitting to an nth-Order All Pole Process: Impulse Response Approach ,IEEE Multi-Conference on Systems and Control ,Aug. 28-30, 2013

1. A. Abedi , M. Pishvaie , A. Madady , H. Meshgin Kelk.Analyzing Vector Control of a Grid-Connected DFIG under Simultaneous Changes of Two Inputs of Control System.European Journal of Scientific Research.۲۰۱۰
2. R. M. Asl ,& A. Madady,Stabilization of two-dimensional mixed continuous-discrete-time systems via dynamic output feedback with application to iterative learning control design,Transactions of the Institute of Measurement and Control,2022
3. F. Afsharnia , A. Madady , M. B. Menhaj,Neural iterative learning identifier-based iterative learning controller for,Asian Journal of Control,2022
4. K. Mohajeri , A. Madady , B. Tavassoli,Tracking Control with Aperiodic Sampling over Networks with Delay and Dropout,International Journal of Systems Science,2021
5. K. Mohajeri , A. Madady , B. Tavassoli,Reducing Conservatism in Analysis of Networked Control Systems Using Order Constraints,INCAS BULLETIN,2021
6. S. Kalantari – M. Ramezani ,& Ali Madady,Introducing a New Hybrid Adaptive Local Optimal Low Rank Approximation Method for Denoising Images,International Journal of Industrial Electronics, Control and Optimization (IECO),2020
7. F. Afsharnia , A. Madady , M. B. Menhaj,Adaptive Iterative Learning Control for Unknown Linear Time-Varying Continuous Systems,Transaction of the institute of measurement and control,2020
8. F. Afsharnia , A. Madady , M. B. Menhaj,Iterative Learning Identification and Control for Dynamic Systems Described by NARMAX Model,AUT Journal of MODELING AND SIMULATION,2019
9. Ali Madady – H. R. Alikhani ,& S. Zamiri,Optimal N-Parametric Type Iterative Learning Control,International Journal of Control, Automation, and Systems,2018

- N. Razmjooy ,& Ali Madady – M. Ramezani,Robust Control of Power System Stabilizer Using World Cup Optimization Algorithm,International Journal of Information, Security and Systems Management,2017 .10
- Ali Madady ,& N. Razmjooy,Designing a Robust Controller for Power System Stabilizer by Using Quantum Invasive Weed Optimization Algorithm,International Journal of Information, Security and Systems Management,2016 .11
- Ali Madady ,& M. Mohseni,Optimal Control of DC Motor using Grey Wolf Optimizer Algorithm,Technical Journal of Engineering and Applied Sciences,2015 .12
- N. Razmjooy , Ali Madady , H. R. Alikhani M. Mohseni,Comparison of LQR and Pole Placement Design Controllers for Controlling the Inverted Pendulum,Journal of World's Electrical Engineering and Technology,2014 .13
- S. Zamiri ,& Ali Madady – H. R. Alikhani,Adaptive PID Type Iterative Learning Control,International Journal of Electrical and Computer Engineering (IJECE),2014 .14
- A. Madady,An Extended PID Type Iterative Learning Control,International Journal of Control, Automation, and Systems,2013 .15
- A. Madady ,& H. R. Alikhani,A Guaranteed Monotonically Convergent Iterative Learning Control,Asian Journal of Control,2012 .16
- A. Madady ,& H. R. Alikhani,Stabilization of Control Loops Consisting of FOPDT Process and Parameter-Dependent PID Controller,Journal of Process Control,2012 .17
- A. Madady,PID Type Iterative Learning Control with Optimal Gains,International Journal of Control, Automation, and Systems,2008 .18
- A. Madady,A Self-Tuning Iterative Learning Controller for Time Variant Systems,Asian Journal of Control,2008 .19
- A. Madady ,& M. Shafiee,Application of RLS Method in Adaptive Estimation of 2-D Systems Parameters,Amirkabir Journal of Science and Technology,2007 .20
- A. Madady ,& M. Shafiee,Adaptive Parameter Estimation of 2-D Systems Using Wave Advanced Model,Amirkabir Journal of Science and Technology,2001 .21
- A. Madady ,& M. Shafiee,Adaptive Parameter Estimation of Two-Dimensional Systems,Iranian Journal of Engineering Sciences,2000 .22