Dr Atif Qayyum

Defence Faculty

College of Electrical & Mechanical Engineering

Email: atifqayyum@ceme.nust.edu.pk
Contact:
LinkedIn:

About

Dr. Dr Atif Qayyum is working as Defence Faculty in the College of Electrical & Mechanical Engineering. Dr. Dr Atif Qayyum has a PhD in Electrical Engineering. Dr. Dr Atif Qayyum has published 15 research articles & conference papers having a citation count of 19, carried out 0 projects and filed 0 intellectual property.

Qualifications

PhD in Electrical Engineering   2012 - 2020
  NUST, Islamabad , Pakistan

MSc in Control System   2007 - 2010
  Beijing Institute of Technology , China

Experience

Defence Faculty   2017- Present
  College of Electrical & Mechanical Engineering

PhD Student   2012 - 2017
  College of E&ME , DD ICT, College of EME

Awards

2007
  Outstanding Foreign Student Award, from Beijing Institute of Technology, China

Professional Memberships

PEC   Since 1996

Research Articles

Control Refinement Using Particle Methods   2022

Saba Zia Atif Qayyum Fahad Mumtaz Malik Muhammad Bilal Malik

IEEE Access , Volume 10, Pages 19124-19132

Impact Factor: 3.367 | **Quartile:** 2 | **Citations:** 1
DOI: 10.1109/ACCESS.2022.3148306

Receding Horizon Observer for Linear Time Varying Systems   2019

Atif Qayyum Muhammad Salman Mohammad Bilal Malik

Transactions of the Institute of Measurement and Control, Volume 41, Issue 9, Pages 2612-2622

Impact Factor: 1.649 | **Quartile:** 3 | **Citations:** 6
DOI: 10.1177/0142331218805153

ON FINITE TIME STABILITY WITH GUARANTEED COST CONTROL OF UNCERTAIN LINEAR SYSTEMS   2018

Atif Qayyum Alfredo Pironti

Kybernetika , Volume: 54 Issue: 5 Pages: 1071-1090

Impact Factor: 0.56 | **Quartile:** 4 | **Citations:** 10
DOI: 10.14736/kyb-2018-5-1071

A Continuous Reconstruction Observer for Sampled-Data Linear Time Varying Systems   2018

Fahad Mumtaz Malik Atif Qayyum Rahat Ali Mohammad Bilal Malik

IEEE Access , NULL

Impact Factor: 4.098 | **Quartile:** 1 | **Citations:** 2
DOI: 10.1109/ACCESS.2018.2789731

Conference Proceedings

Parameter Estimation of PMDC Machine for Speed Control Application   2024

Atif Qayyum Abdullah Malik Ibrahim Malik

10th International Conference on Control, Decision and Information Technologies (CoDiT 2024), res.country(152,)

Citations: N/A
DOI: Not yet available

Finite Horizon Estimation for Linear Systems with Noisy Measurements   2024

Dr Atif Qayyum

10th International Conference on Control, Automation and Robotics (ICCAR 2024), res.country(197,)

Citations: N/A
DOI: Not yet available

Image Based Multi Objects' Trajectories Estimation through Reduced Order Observer   2022

Yasir Raza Adnan Zia Muhammad Bilal Malik Fahad Mumtaz Malik Atif Qayyum Mohammad Ibrahim Malik

2022 14th International Conference on Mathematics, Actuarial Science, Computer Science and Statistics (MACS), res.country(177,)

Citations: N/A
DOI: 10.1109/MACS56771.2022.10023115

Observer design for Multi-Rate Linear Systems with Delayed Output   2022

Shazma Atif Qayyum Fahad Mumtaz Malik Muhammad Bilal Malik

2022 14th International Conference on Mathematics, Actuarial Science, Computer Science and Statistics (MACS), res.country(177,)

Citations: N/A
DOI: 10.1109/MACS56771.2022.10022914

Sampled-data Tracking and Disturbance Compensation of Nonlinear Systems   2020

Saba Zia Atif Qayyum Mohammad Bilal Malik

IEEE 17th International Conference on Smart Communities: Improving Quality of Life Using ICT, IoT and AI (HONET) res.country(233,)

Citations: N/A
DOI: 10.1109/HONET50430.2020.9322825

Prediction Impulsive Observer for Sampled-data Linear Systems   2018

Atif Qayyum

18th International Conference on Control, Automation, and Systems (ICCAS), res.country(121,)

Citations: N/A
DOI: https://ieeexplore.ieee.org/document/8571751

Finite time stability with guaranteed cost control for linear systems   2017

Atif Qayyum Alfredo Pironti

21st International Conference on System Theory, Control and Computing (ICSTCC 2017), res.country(188,)

Citations: N/A
DOI: 10.1109/ICSTCC.2017.8107124

Finite Time Output Regulation of Sampled Data Linear Systems through Impulsive Observer   2017

Atif Qayyum

SICE International Symposium on Control Systems (SICE ISCS), res.country(113,)

Citations: N/A
DOI: N/A

Finite-time state estimation of sampled output impulsive dynamical linear system   2016

Atif Qayyum Gianmaria De Tommasi

2016 24th Mediterranean Conference on Control and Automation (MED), res.country(88,)

Citations: N/A
DOI: 10.1109/MED.2016.7535975

Finite time estimation of a linear system based on sampled measurement through impulsive observer   2016

Atif Qayyum Mohammad Bilal Malik Gianmaria De Tommasi Alfredo Pironti

Chinese Control and Decision Conference (CCDC) held from 28-30 May 2016 in China, res.country(48,)

Citations: N/A
DOI: 10.1109/CCDC.2016.7531125

Sampled Data Output Regulation of a Linear System based on Finite Time Impulsive Observer   2015

Atif Qayyum Rahat Ali Mohammad Bilal Malik Fahad Mumtaz Malik Muwahida Liaquat

2015 XXV International Conference on Information, Communication and Automation Technologies (ICAT), res.country(17,)

Citations: N/A
DOI: 10.1109/ICAT.2015.7340502

Editorial Activities

2018

Reviewed Papers for Journals
Impact Factor: 3.856