

Dr Atif Qayyum

Defence Faculty

College of Electrical & Mechanical Engineering

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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 NUST, Islamabad , Pakistan	2012 - 2020
MSc in Control System Beijing Institute of Technology , China	2007 - 2010

Experience

Defence Faculty College of Electrical & Mechanical Engineering	2017- Present
PhD Student College of E&ME , DD ICT, College of EME	2012 - 2017

Awards

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

PEC	Since 1996
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Research Articles

Control Refinement Using Particle Methods
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

2022

Receding Horizon Observer for Linear Time Varying Systems
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

2019

ON FINITE TIME STABILITY WITH GUARANTEED COST CONTROL OF UNCERTAIN LINEAR SYSTEMS
Atif Qayyum Alfredo Pironi
Kybernetika , Volume: 54 Issue: 5 Pages: 1071-1090
Impact Factor: 0.56 | **Quartile:** 4 | **Citations:** 10
DOI: 10.14736/kyb-2018-5-1071

2018

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

2018

Conference Proceedings

Parameter Estimation of PMDC Machine for Speed Control Application
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

2024

Finite Horizon Estimation for Linear Systems with Noisy Measurements
Dr Atif Qayyum
10th International Conference on Control, Automation and Robotics (ICCAR 2024), res.country(197,)
Citations: N/A
DOI: Not yet available

2024

Image Based Multi Objects' Trajectories Estimation through Reduced Order Observer
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

2022

Observer design for Multi-Rate Linear Systems with Delayed Output
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

2022

Sampled-data Tracking and Disturbance Compensation of Nonlinear Systems
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

2020

Prediction Impulsive Observer for Sampled-data Linear Systems
Atif Qayyum
18th International Conference on Control, Automation, and Systems (ICCAS), res.country(121,)
Citations: N/A
DOI: <https://ieeexplore.ieee.org/document/8571751>

2018

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

Reviewed Papers for Journals

Impact Factor: 3.856

2018