

Attaullah Memon

Defence Faculty
Pakistan Navy Engineering College

Email:
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About

Dr. Attaullah Memon is working as Defence Faculty in the Pakistan Navy Engineering College. Dr. Attaullah Memon has published 11 research articles & conference papers having a citation count of 100, carried out 2 projects and filed 0 intellectual property.

Qualifications

Experience

Defence Faculty	2023- Present
Pakistan Navy Engineering College	
Defence Faculty	2022 - 2023
Pakistan Navy Engineering College	
Defence Faculty	2009 - 2022
Pakistan Navy Engineering College	

Research Projects

National Projects

Design and Prototyping of High Energy Density Electrical Machine for Gearbox Free Powertrain of Electric Vehicle	2022
Funding Agency: HEC	
Amount: PKR 10,143,000.00	
Status: Approved_inprocess	
Design and Development of a wall traversing robot for diverse applications	2020
Funding Agency: IGNITE	
Amount: PKR 65,800.00	
Status: Completed	

International Projects

- Active and Reactive Power Control of the Voltage Source Inverter in an AC Microgrid** 2023
Hamid Saeed Khan Attaullah Memon
Sustainability , Volume 15(2), Article Number 1621
Impact Factor: 3.9 | **Quartile:** 2 | **Citations:** 7
DOI: 10.3390/su15021621
- Robust Output Feedback Control of the Voltage Source Inverter in an AC Microgrid** 2022
Hamid Saeed Khan Attaullah Memon
Energies , Volume 15, Issue 15, Article Number 5586
Impact Factor: 3.200 | **Quartile:** 3 | **Citations:** 3
DOI: 10.3390/en15155586
- Trajectory tracking and stabilization of nonholonomic wheeled mobile robot using recursive integral backstepping control** 2021
Junaid Rabbani Attaullah Memon
Electronics , Volume 10, Issue 16, Article Number 1992
Impact Factor: 2.690 | **Quartile:** 3 | **Citations:** 36
DOI: 10.3390/electronics10161992
- An extended observer-based robust nonlinear speed sensorless controller for a PMSM** 2019
Syed Ali Asad Rizvi Attaullah Memon
International Journal of Control , Volume: 92, Issue: 9, Pages: 2123-2135
Impact Factor: 2.780 | **Quartile:** 2 | **Citations:** 14
DOI: DOI:10.1080/00207179.2018.1428768
- Suboptimal Output Tracking and Regulation of a Class of Nonlinear Systems** 2019
Salman Zaffar Attaullah Memon
Arabian Journal for Science and Engineering , Volume 44, Pages 1989-2002
Impact Factor: 1.711 | **Quartile:** 3
DOI: <https://doi.org/10.1007/s13369-018-3218-y>
- Robust optimal stabilization of balance systems with parametric variations** 2017
Salman Zaffar Attaullah Memon
Turkish Journal of Electrical Engineering and Computer Sciences , Volume 25, Pages 4091-4103
Impact Factor: 0.580 | **Quartile:** 4 | **Citations:** 1
DOI: doi:10.3906/elk-1611-2
- Integral terminal sliding mode formation control of non-holonomic robots using leader follower approach** 2017
Muhammad Asif Khan Muhammad Junaid Khan Attaullah Memon
Robotica , Volume: 35, Issue: 7, Pages: 1473-1487
Impact Factor: 1.177 | **Quartile:** 4 | **Citations:** 21
DOI: 10.1017/S0263574716000230
- Output Feedback Control of a Class of Under-Actuated Nonlinear Systems Using Extended High Gain Observer** 2016
Nasir Khalid Attaullah Memon
Arabian Journal for Science and Engineering , Volume 41, Pages3531-3542
Impact Factor: 0.865 | **Quartile:** 3 | **Citations:** 18
DOI: doi:10.1007/s13369-016-2144-0

Optimal Output Regulation of a Field-controlled DC Motor using an Extended High-Gain Observer <i>Arifa Qazi Dr Attaullah Memon Dr Lubna Moin</i> <i>10th International Conference on Control, Decision, and Information Technologies (CoDIT 2024), res.country(152,)</i> Citations: N/A DOI: 10.3390/su1502	2024
Output Feedback Stabilization of Nonholonomic Wheeled Mobile Robot Using Backstepping Control <i>Dr Attaullah Memon Junaid Rabbani</i> <i>ICCSCCE 2022 - Proceedings: 2022 12th IEEE International Conference on Control System, Computing and Engineering res.country(157,)</i> Citations: N/A DOI: 10.1109/ICCSCCE54767.2022.9935650	2022
Cyber security backdrop: A SCADA testbed <i>Adnan A Farooqui Sajjad Zaidi Attaullah Memon Sameer Qazi</i> <i>Proceedings - 2014 IEEE Computers, Communications and IT Applications Conference, ComComAp 2014, res.country(48,)</i> Citations: N/A DOI: https://doi.org/10.1109/ComComAp.2014.7017178	2014