Mashhood Ahmad

Defence Faculty

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About

Dr. Mashhood Ahmad is working as Defence Faculty in the College of Electrical & Mechanical Engineering. Dr. Mashhood Ahmad has a PhD in Quantum Optic0.s. Dr. Mashhood Ahmad has published 13 research articles & conference papers having a citation count of 11, carried out 0 projects and filed 0 intellectual property.

Qualifications

PhD in Quantum Optic0.s

Quaid-i-Azam University , Pakistan

Experience	
Defence Faculty	2024- Present
College of Electrical & Mechanical Engineering	
Defence Faculty	2010 - 2010
College of Electrical & Mechanical Engineering	
Faculty Member	2002 - 2022
NUST, CEME and PMA	

Research Articles

Physical Review A, Volume 62, Issue 4, Article Number 043814

Impact Factor: 2.831 | Quartile: 1 DOI: 10.1103/PhysRevA.62.043814

Effect of environmental conditions and geometric parameters on the squeeze film damping in RF-2019 **MEMS** switches Syed Turab Haider Muhammad Mubasher Saleem Mashhood Ahmed Analog Integrated Circuits and Signal Processing, Volume 100, pages 357-368 Impact Factor: 0.925 | Quartile: 4 | Citations: 5 DOI: 10.1007/s10470-018-1283-5 Measuring the multimode entangled state of the field using amplification in a driven three-level atomic 2004 Shahid Qamar M. Suhail Zubairy Mashhood Ahmad Optics Communications, Volume 239, Issue 4-6, Pages 389-396 Impact Factor: 1.581 | Quartile: 2 | Citations: 1 DOI: 10.1016/j.optcom.2004.05.059 2003 Reconstruction of a multimode entangled state using a two-photon phase-sensitive linear amplifier Shahid Qamar M. Suhail Zubairy Mashhood Ahmad Physical Review A, Volume 67, Issue 4, Article Number 043815 Impact Factor: 2.9 | Quartile: 2 DOI: 10.1103/PhysRevA.67.043815 Quantum state measurement using phase-sensitive amplification in a driven three-level atomic system 2001 Mashhood Ahmad Shahid Qamar M. Suhail Zubairy Physical Review A, Volume 64, Issue 2, Article no 23811 Impact Factor: 2.810 | Quartile: 1 | Citations: 1 DOI: 10.1103/PhysRevA.64.023811 2000 Quantum-state tomography using phase-sensitive amplification Shahid Qamar M. Suhail Zubairy Mashhood Ahmad

Conference Proceedings

Design Optimization of RF-MEMS Based Multiband Reconfigurable Antenna Using Response Surface Methodology	2018
Fatima Akhtar Muhammad Mubasher Saleem Muhammad Zubair Mashhood Ahmad	
2018 Progress in Electromagnetics Research Symposium (PIERS-Toyama), res.country(113,)	
Citations: N/A	
DOI: 10.23919/PIERS.2018.8598186	
Impact of Iron Doping on Structural and Optical Properties of Titanium dioxide	2017
Asfandyar Imtiaz Mashhood Ahmad Attaullah Shah Saifullah Awan	
6th International Conference on Advances in Mechanical and Robotics Engineering, res.country(109,)	
Citations: N/A	
DOI: 10.15224/978-1-63248-138-2-07	
FEM modeling of squeeze film damping effect in RF-MEMS switches	2017
Syed Turab Haider Muhammad Mubasher Saleem Mashhood Ahmad	
4th International Conference on Electrical Engineering, Computer Science and Informatics (EECSI), res.country(100,)	
Citations: N/A	
DOI: 10.1109/EECSI.2017.8239182	
Simulation Based Sensitivity Analysis of Split Ring Resonator for Detecting Compositional Variations	2017
in Mixture of Polar Liquids	
Mashhood Ahmad M. Haris Amir Muhammad Naveed Tahir Ejaz Tahir Zaid Muhammad Shoaib	
7th International Conference On Advances In Computing, Electronics And Electrical Technology - CEET 2017, res.country(157,)	
Citations: N/A	
DOI: 10.15224/978-1-63248-126-9-29	
Simulation Based Sensitivity Analysis of Split Ring Resonator for Detecting Compositional Variations in Mixture of Polar Liquids	2017
M. Haris Amir Muhammad Naveed Tahir Ejaz Tahir Zaidi Muhammad Shoaib Mashhood Ahmad	
7th International Conference on Advances in Computing, Electronics and Electrical Technology, res.country(157,)	
Citations: N/A	
DOI: 10.15224/978-1-63248-126-9-29	
Simulation based Comparative Analysis of Resonant Frequency for Tunable Split Ring Resonator in	2017
Different Configurations	
Muhammad Shoaib Muhammad Naveed Tahir Ejaz Tahir Zaidi Haris Amir Mashhood Ahmad	
5th International Conference on Advances in Computing, Electronics and Communication, res.country(109,)	
Citations: N/A	
DOI: 10.15224/978-1-63248-121-4-06	
Optimized Residential Load Scheduling Under User Defined Constraints in a Real-time Tariff Paradigm	2016
Madia Safdar Mashhood Ahmad Amjad Hussain Matti Lehtonen	
2016 17th International Scientific Conference on Electric Power Engineering (EPE), res.country(56,)	
Citations: N/A	
DOI: 10.1109/EPE.2016.7521798	