

Sajid Ali

Associate Professor

School of Electrical Engineering and Computer Science

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About

Dr. Sajid Ali is working as Associate Professor in the School of Electrical Engineering and Computer Science. Dr. Sajid Ali has a PhD in Mathematics. Dr. Sajid Ali has published 20 research articles & conference papers having a citation count of 285, carried out 0 projects and filed 0 intellectual property.

Qualifications

PhD in Mathematics	2004 - 2009
NUST, Islamabad , Pakistan	
MSc in Mathematics	2002 - 2004
Quaid-i-Azam University , Pakistan	
BSc in Math-Ab, Physics	1999 - 2001
University of the Punjab , Pakistan	

Experience

Associate Professor	2023- Present
School of Electrical Engineering and Computer Science	
Associate Professor	2018 - 2015
School of Electrical Engineering and Computer Science	
Associate Professor	2015 - 2023
School of Electrical Engineering and Computer Science	
Assistant Professor	2012 - 2009
School of Electrical Engineering and Computer Science	
Assistant Professor	2009 - 2018
School of Electrical Engineering and Computer Science	
Lecturer	2008 - 2012
School of Natural Sciences	
Post-Doctorate	2010 - 2011
, St. Catherines, ON, Canada	
Lecturer	2008 - 2009
NUST University , CAMP, NUST	

Awards

Silver Medal	2002
It was awarded for obtaining highest marks in Math-A & B.	

Research Articles

On Decoupled Decoding of Quasi-Orthogonal STBCs using Quaternion Algebra	2019
Erum Mushtaq Sajid Ali Syed Ali Hassan	
IEEE Systems Journal, Volume: 13 Issue: 2 Pages: 1589-1595	
Impact Factor: 3.987 Quartile: 1	
DOI: 10.1109/JSYST2018.2865216	
Embedding algorithms and applications to differential equations	2018
Sajid Ali Hassan Azad Indranil Biswas Ryad Ghanam M.T. Mustafa	

<i>Journal of Symbolic Computation</i> , Volume 86, Pages 166-188	
Impact Factor: 0.876 Quartile: 3 Citations: 5	
DOI: https://doi.org/10.1016/j.jsc.2017.05.002	
On the outage analysis of a D2D network with uniform node distribution in a circular region	2017
<i>Syed Ali Hassan Sajid Ali Chrysostomos Chrysostomou Marios Lestas</i>	
<i>Physical Communication</i> , NULL	
Impact Factor: 1.522 Quartile: 3 Citations: 6	
DOI: 10.1016/j.phycom.2017.09.006	
On Low Complexity ML Decoder for Quaternion Orthogonal Designs	2017
<i>Erum Mushtaq Sajid Ali Syed Ali Hassan</i>	
<i>IEEE Communications Letters</i> , Volume: 21 Issue: 5 Pages: 1087-1090	
Impact Factor: 2.723 Quartile: 2 Citations: 7	
DOI: 10.1109/LCOMM.2017.2665538	
Marginally stable circular orbits in the Schwarzschild black hole surrounded by quintessence matter	2016
<i>Ibrar Hussain Sajid Ali</i>	
<i>European Physical Journal Plus</i> , Volume 131, Article Number 275	
Impact Factor: 1.753 Quartile: 2 Citations: 30	
DOI: DOI:10.1140/epjp/i2016-16275-3	
A study of positive energy condition in Bianchi V spacetimes via Noether symmetries	2016
<i>Sajid Ali Ibrar Hussain</i>	
<i>European Physical Journal C</i> , Volume 76, Article Number 63	
Impact Factor: 5.297 Quartile: 1 Citations: 13	
DOI: 10.1140/epjc/s10052-016-3903-5	
3D MCRLB Evaluation of a UMTS-based Passive Multistatic Radar Operating in a Line-of-Sight Environment	2016
<i>Muhammad Nohman Javed Sajid Ali Syed Ali Hassan</i>	
<i>IEEE Transactions on Signal Processing</i> , Volume: 64 Issue: 19 Pages: 5131-5144	
Impact Factor: 4.300 Quartile: 1 Citations: 13	
DOI: 10.1109/TSP.2016.2573753	
Complete classification of spherically symmetric static space-times via Noether symmetries	2015
<i>Farhad Ali Tooba Feroze Sajid Ali</i>	
<i>Theoretical and Mathematical Physics</i> , Volume 184, Issue 1, Pages 973-985	
Impact Factor: 0.831 Quartile: 3 Citations: 27	
DOI: DOI:10.1007/s11232-015-0310-2	
The Classification of Spherically Symmetric Static Spacetimes via Noether Symmetries	2015
<i>Farhad Ali Tooba Siddiqui Sajid Ali</i>	
<i>Theoretical and Mathematical Physics</i> , Volume 184(1), Pages 973-985	
Impact Factor: 0.831 Quartile: 3	
DOI: 10.1007/s10773-015-2590-6	
Effect of a Quintessence Model on the Energy of the Reissner-Nordstrom Black Hole	2015
<i>Ibrar Hussain Sajid Ali</i>	
<i>General Relativity and Gravitation</i> , Volume 47, Article Number 34	
Impact Factor: 1.668 Quartile: 2 Citations: 18	
DOI: 10.1007/s10714-015-1883-7	
Linearization from Complex Lie Point Transformations	2014
<i>Sajid Ali Muhammad Safdar Asghar Qadir</i>	
<i>Journal of Applied Mathematics</i> , Volume 2014, Article ID 793247, 8 pages	
Impact Factor: N/A Citations: 11	
DOI: http://dx.doi.org/10.1155/2014/793247	
Bianchi type I cosmology in generalized Saez-Ballester theory via Noether gauge symmetry	2012
<i>Mubasher Jamil Sajid Ali Davood Momeni Ratbay Myrzakulov</i>	
<i>European Physical Journal C</i> , Volume 72, Issue 4, Pages 1-6, Article Number 1998	
Impact Factor: 5.247 Quartile: 1 Citations: 71	
DOI: 10.1140/epjc/s10052-012-1998-x	

- Linearizability of Systems of Ordinary Differential Equations Obtained by Complex Symmetry Analysis** 2011
Muhammad Safdar Asghar Qadir Sajid Ali
Mathematical Problems in Engineering, Volume 2011, Article ID 171834, 17 pages
Impact Factor: 0.777 | **Quartile:** 2 | **Citations:** 8
DOI: <https://doi.org/10.1155/2011/171834>
- Linearizability criteria for systems of two second-order differential equations by complex methods** 2011
Sajid Ali F. M. Mahomed Asghar Qadir
Nonlinear Dynamics, Volume 66, Numbers 1-2, Pages 77-88
Impact Factor: 1.247 | **Quartile:** 1 | **Citations:** 21
DOI: <https://doi.org/10.1007/s11071-010-9912-2>
- Linearization of systems of four second order ordinary differential equations** 2011
Sajid Ali F M Mahomed M SAFDAR
PRAMANA-journal of physics, Volume 77, Issue 3, Pages 581-594, Special Issue SI
Impact Factor: 0.575 | **Quartile:** 3 | **Citations:** 6
DOI: <https://doi.org/10.1007/s12043-011-0177-1>
- Exact Solutions of Nonlinear Partial Differential Equations by the Method of Group Foliation Reduction** 2011
Stephen C. Anco Sajid Ali Thomas Wolf
Symmetry Integrability and Geometry Methods and Applications, Volume:7, Article Number: 066
Impact Factor: 1.071 | **Quartile:** 3 | **Citations:** 4
DOI: <https://doi.org/10.3842/SIGMA.2011.066>
- Invariants of two-dimensional systems via complex Lagrangians with applications** 2011
Sajid Ali Asghar Qadir Muhammad umar Farooq
Commun Nonlinear Sci Numer Simulat, Volume: 16 Issue: 4 Pages: 1804-1810
Impact Factor: 2.806 | **Quartile:** 1 | **Citations:** 13
DOI: <https://doi.org/10.1016/j.cnsns.2010.08.007>
- Two-dimensional Systems that Arise from the Noether Classification of Lagrangians on the Line** 2011
Muhammad Umar Farooq Sajid Ali F.M. Mahomed
Applied Mathematics and Computation, Volume: 217 Issue: 16 Pages: 6959-6973
Impact Factor: 1.317 | **Quartile:** 1 | **Citations:** 10
DOI: <https://doi.org/10.1016/j.amc.2011.01.104>
- Complex Lie Symmetries for Variational Problems** 2008
Sajid Ali Fazal M Mahomed Asghar Qadir
Journal of Nonlinear Mathematical Physics, Volume 15, Pages 25-35
Impact Factor: 0.760 | **Quartile:** 4 | **Citations:** 22
DOI: <https://doi.org/10.2991/jnmp.2008.15.s1.2>

Conference Proceedings

- NOETHER SYMMETRIES AND $f(R)$ THEORY OF GRAVITY** 2012
Ibrar Hussain Sajid Ali
The Thirteenth Marcel Grossmann Meeting, res.country(196,)
Citations: N/A
DOI: https://doi.org/10.1142/9789814623995_0158