

Asghar Qadir

Consultant
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About

Dr. Asghar Qadir is working as Consultant in the School of Natural Sciences. Dr. Asghar Qadir has published 77 research articles & conference papers having a citation count of 1031, carried out 1 projects and filed 0 intellectual property.

Qualifications

Experience

Consultant	2019- Present
School of Natural Sciences	
Consultant	2012 - 2019
School of Natural Sciences	
Professor	2011 - 2011
School of Natural Sciences	
Professor	2006 - 2011
School of Natural Sciences	
Professor	2004 - 2005
School of Natural Sciences	

Research Projects

National Projects

Research Collaboration with Centre for Differential Equation, Continuum Mechanics and Applications, School of Computational and Applied Mathematics, University of Witwatersrand, Wits 2050, Johannesburg, South Africa	2008
Funding Agency: HEC	
Amount: PKR 90,000.00	
Status: Completed	

International Projects

Research Articles

Colliding plane gravitational waves of unequal strength	2023
Kamran Qadir Abbasi Asghar Qadir	
General Relativity and Gravitation , Volume:55, Issue:10, Pages: 13	
Impact Factor: 2.8 Quartile: 2 Citations: 1	
DOI: 10.1007/s10714-023-03162-z	
On the Galactic Halos Rotation by Planck Data	2023
Francesco De Paolis Asghar Qadir Achille A. Nucita Noraiz Tahir	
Symmetry , Volume:15, Issue:1, Article Number: 160	
Impact Factor: 2.7 Quartile: 2 Citations: 1	
DOI: 10.3390/sym15010160	
The rotational kinetic Sunyaev- Zeldovich contribution to the temperature asymmetry toward the M 31 halo	2022
Francesco De Paolis Asghar Qadir Achille A. Nucita Noraiz Tahir	
Astronomy & Astrophysics , Volume:664, Article Number: A30, Pages: 05	
Impact Factor: 6.5 Quartile: 1 Citations: 4	

DOI: 10.1051/0004-6361/202142686

Evolution of virial clouds-I: from surface of last scattering up to the formation of population-III stars

2021

Noraiz Tahir Asghar Qadir Muhammad Sakhi Francesco De Paolis
European Physical Journal C, Volume:81, Issue:9, Article Number: 827

Impact Factor: 4.994 | **Quartile:** 2 | **Citations:** 2

DOI: 10.1140/epjc/s10052-021-09620-9

Seeing the halo rotation of nearby spiral galaxies using Planck data

2019

Noraiz Tahir Francesco De Paolis Asghar Qadir Achille A. Nucita
Arabian Journal of Mathematics, Volume: 8, Issue: 3, Pages: 193-199 Part: 1, Supplement: SI

Impact Factor: 0 | **Citations:** 6

DOI: 10.1007/s40065-019-0244-x

Recent results and perspectives on cosmic backgrounds from radio to far-infrared

2019

Carlo Burigana Gianfranco De Zotti Anastasia Fialkov Asghar Qadir Tiziana Trombetti Matteo Bonato Mattia Negrello Hans Ulrik Norgaard-Nielsen Noraiz Tahir
International Journal of Modern Physics D, Volume: 28, Issue: 12, Article Number: 1930021

Impact Factor: 2.154 | **Quartile:** 2

DOI: 10.1142/S0218271819300210

Linearization criteria for two-dimensional systems of third-order ordinary differential equations by complex approach

2019

Muhammad Safdar Asghar Qadir Hina Munir Dutt
Arabian Journal of Mathematics, Volume 8, Issue 3, Pages 163-170, Part 1

Impact Factor: N/A | **Citations:** 6

DOI: 10.1007/s40065-019-0238-8

Virial clouds explaining the observed rotational asymmetry in the galactic halos

2019

Asghar Qadir Noraiz Tahir Muhammad Sakhi
Physical Review D, Vol. 100, Issue 4, Article Number 043028

Impact Factor: 4.833 | **Quartile:** 1 | **Citations:** 4

DOI: 10.1103/PhysRevD.100.043028

Constraining Baryons in the M31 galactic halo by Planck data

2019

Noraiz Tahir Francesco De Paolis Asghar Qadir Achille A. Nucita
International Journal of Modern Physics D, Volume 28, Issue 7, Article Number 1950088

Impact Factor: 2.154 | **Quartile:** 3 | **Citations:** 9

DOI: 10.1142/S0218271819500883

Probing the Khan-Penrose colliding plane impulsive gravitational waves solution

2018

Kamran Qadir Abbasi Asghar Qadir
Journal of Physics Communications, Volume 2, Number 2, Article No.025021

Impact Factor: - | **Citations:** 2

DOI: <https://doi.org/10.1088/2399-6528/aaaa7f>

Messier 81's Planck view versus its halo mapping

2018

V. G. Gurzadyan A. A. Nucita A. Amekhyan G. Yegorian G. Ingrassio D. Vetrugno F. De Paolis A. L. Kashin S. Sargsyan Asghar Qadir Ph. Jetzer
Astronomy & Astrophysics, Volume 609, Article Number: A131

Impact Factor: 6.209 | **Quartile:** 1 | **Citations:** 25

DOI: 10.1051/0004-6361/201731725

Classification of scalar third order ordinary differential equations linearizable via generalized contact transformations

2017

Hina Munir Dutt Asghar Qadir
Quaestiones Mathematicae, Volume: 41, Issue: 01, Pages:15-26

Impact Factor: 0.428 | **Quartile:** 4 | **Citations:** 1

DOI: 10.2989/16073606.2017.1369194

Triangulum galaxy viewed by Planck

2016

F. De Paolis V. G. Gurzadyan A. A. Nucita L. Chemin Asghar Qadir A. L. Kashin H. G. Khachatryan S. Sargsyan G. Ingrassio Ph. Jetzer D. Vetrugno
Astronomy & Astrophysics, Volume 593, Article number A57

Impact Factor: 5.014 | **Quartile:** 1 | **Citations:** 16

DOI: 10.1051/0004-6361/201628780

Invariant linearization criteria for a three-dimensional dynamical system of second-order ordinary differential equations and applications <i>Adnan Aslam F.M.Mahomed Asghar Qadir</i> <i>International Journal of Non-Linear Mechanics</i> , Volume 78, Pages 9-16 Impact Factor: 2.074 Quartile: 2 DOI: 10.1016/j.ijnonlinmec.2015.09.016	2016
Planck View of the M82 Galaxy <i>V. G. Gurzadyan F. De Paolis A. A. Nucita G. Ingrosso A. L. Kashin H. G. Khachatryan S. Sargsyan G. Yegorian Ph. Jetzer Asghar Qadir D. Vetrugno</i> <i>Astronomy and Astrophysics (A&A)</i> , Volume 582, Article Number A77 Impact Factor: 5.185 Quartile: 1 Citations: 17 DOI: http://dx.doi.org/10.1051/0004-6361/201527132	2015
Planck revealed bulk motion of Centaurus A lobes <i>V. G. Gurzadyan A. A. Nucita G. Ingrosso A. L. Kashin H. G. Khachatryan S. Mirzoyan G. Yegorian Ph. Jetzer Asghar Qadir D. Vetrugno F. De Paolis</i> <i>Astronomy & Astrophysics</i> , Volume 580, L8, Pages 04 Impact Factor: 5.185 Quartile: 1 Citations: 16 DOI: 10.1051/0004-6361/201526797	2015
Fourier transform representation of the generalized hypergeometric functions with applications to the confluent and Gauss hypergeometric functions <i>Mohammed H. Al-Lail Asghar Qadir</i> <i>Applied Mathematics and Computation</i> , Volume 263, Pages 392-397 Impact Factor: 1.345 Quartile: 1 Citations: 15 DOI: doi:10.1016/j.amc.2015.04.083	2015
Noether symmetries and isometries of the minimal surface Lagrangian under constant volume in a Riemannian space <i>Michael Tsamparlis Andronikos Paliathanasis Asghar Qadir</i> <i>International Journal of Geometric Methods in Modern Physics</i> , Volume:12, Issue:1, Article Number:1550003 Impact Factor: 0.769 Quartile: 4 Citations: 13 DOI: DOI:10.1142/S0219887815500036	2015
Linearization from Complex Lie Point Transformations <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	2014
Proceedings of the 4th Italian-Pakistani Workshop on Relativistic Astrophysics Preface <i>Francesco De Paolis Asghar Qadir AZAD AKHTER SIDDIQUI</i> <i>Physica Scripta</i> , Volume: 89, Issue: 8, Article Number: 080301 Impact Factor: 1.126 Quartile: 3 Citations: 2 DOI: 10.1088/0031-8949/89/8/080301	2014
Reduction of fourth order ordinary differential equations to second and third order Lie linearizable forms <i>Hina Munir Dutt Asghar Qadir</i> <i>Communications in Nonlinear Science and Numerical Simulation</i> , Volume 19, Issue 8, Pages 2653-2659 Impact Factor: 2.866 Quartile: 1 Citations: 3 DOI: 10.1016/j.cnsns.2013.12.031	2014
Noether Symmetries of the Area-Minimizing Lagrangian <i>Adnan Aslam Asghar Qadir</i> <i>Journal of Applied Mathematics</i> , Volume 2012, Article ID 532690, 14 pages Impact Factor: 0.834 Quartile: 2 Citations: 10 DOI: 10.1155/2012/532690	2012
Extension of Hardy's class for Ramanujan's interpolation formula and master theorem with applications <i>Muhammed Aslam Chaudhry Asghar Qadir</i> <i>Journal of Inequalities and Applications</i> , Volume 52(1), Article Number 52, Pages 13 Impact Factor: 0.822 Quartile: 1 Citations: 5 DOI: https://doi.org/10.1186/1029-242X-2012-52	2012
Classification of ordinary differential equations by conditional linearizability and symmetry	2012

F.M. Mahomed Asghar Qadir

Communications in Nonlinear Science and Numerical Simulation, Volume 17, Issue 2, Pages 573-584

Impact Factor: 2.773 | **Quartile:** 1 | **Citations:** 8

DOI: <https://doi.org/10.1016/j.cnsns.2011.06.012>

Linearizability of Systems of Ordinary Differential Equations Obtained by Complex Symmetry Analysis

2011

Muhammad Sajdar 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>

A New Generalization of the Reimann Zeta Function and its Difference Equation

2011

Muhammad Aslam Chaudhry Asghar Qadir Asifa Tassaddiq

Advances in Difference Equations, Volume 2011, Article Number: 20

Impact Factor: 0.845 | **Quartile:** 1 | **Citations:** 3

DOI: <https://doi.org/10.1186/1687-1847-2011-20>

Fourier transform representation of the extended Fermi-Dirac and Bose-Einstein functions with applications to the family of the zeta and related functions

2011

Asifa Tassaddiq Asghar Qadir

Integral Transforms and Special Functions, Volume:22, Issue:6, Pages: 453-466

Impact Factor: 0.759 | **Quartile:** 2 | **Citations:** 14

DOI: <https://doi.org/10.1080/10652469.2011.561002>

Estimating the Parameters of the Sgr A* Black Hole

2011

F. De Paolis G. Ingrosso A. A. Nucita Asghar Qadir A. F. Zakharov

General Relativity and Gravitation, Volume 43, No. 4, Pages 977-988

Impact Factor: 2.069 | **Quartile:** 1 | **Citations:** 43

DOI: <https://doi.org/10.1007/s10714-010-1122-1>

Primordial black holes in phantom cosmology

2011

Mubasher Jamil Asghar Qadir

General Relativity and Gravitation, Volume 43, Pages 1069-1082

Impact Factor: 2.069 | **Quartile:** 1 | **Citations:** 41

DOI: <https://doi.org/10.1007/s10714-010-0928-1>

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>

Some extensions of the Fermi-Dirac and Bose-Einstein functions with applications to the family of the zeta and related functions

2011

H. M. Srivastava M. A. Chaudhry Asghar Qadir Asifa Tassaddiq

Russian Journal of Mathematical Physics, Volume 18, No. 1, Pages 107-121

Impact Factor: 1.253 | **Quartile:** 2 | **Citations:** 22

DOI: <https://doi.org/10.1134/S1061920811010110>

On gauss-type Quadrature Rules

2010

M. A. Bokhari Asghar Qadir H. Al-Attas

Numerical Functional Analysis and Optimization, Volume 31(10), Pages 1120-1134

Impact Factor: 0.687 | **Quartile:** 3 | **Citations:** 1

DOI: <https://doi.org/10.1080/01630563.2010.510981>

Black Holes in Bulk Viscous Cosmology

2010

Francesco de Paolis Mubasher Jamil Asghar Qadir

International Journal of Theoretical Physics, Volume 49, Pages 621-632

Impact Factor: 0.670 | **Quartile:** 3 | **Citations:** 24

DOI: 10.1007/s10773-009-0242-4	
Approximate Partial Noether Operators of the Schwarzschild Spacetime	2010
Ibrar Hussain F. M. Mahomed Asghar Qadir	
<i>Journal of nonlinear Mathematical Physics</i> , Volume 17, No. 1, Pages 13–25	
Impact Factor: 0.447 Quartile: 4 Citations: 2	
DOI: 10.1142/S1402925110000556	
Conditional linearizability criteria for a system of third-order ordinary differential equations	2009
Fazal M. Mahomed I. Naeem Asghar Qadir	
<i>Nonlinear Analysis: Real World Applications</i> , Volume 10, Issue 6, Pages 3404-3412	
Impact Factor: 2.381 Quartile: 1 Citations: 9	
DOI: https://doi.org/10.1016/j.nonrwa.2008.09.021	
Complex Lie symmetries for scalar second-order ordinary differential equations	2009
Sajid Ali F.M. Mahomed Asghar Qadir	
<i>Nonlinear Analysis: Real World Applications</i> , Volume 10, Issue 6, Pages 3335-3344	
Impact Factor: 2.381 Quartile: 1 Citations: 27	
DOI: https://doi.org/10.1016/j.nonrwa.2008.07.011	
Conditional Linearizability of Fourth-Order Semi-Linear Ordinary Differential Equations	2009
F. M. Mahomed Asghar Qadir	
<i>Journal of Nonlinear Mathematical Physics</i> , Volume 16, Pages 165-178	
Impact Factor: 0.621 Quartile: 4 Citations: 6	
DOI: https://doi.org/10.1142/S140292510900039X	
Approximate Noether Symmetries of the Geodesic Equations for the Charged- Kerr Spacetime and Re-scaling of Energy	2009
Asghar Qadir Ibrar Hussain F. M. Mahomed	
<i>General Relativity and Gravitation</i> , Volume 41, No. 10, Pages 2399-2414	
Impact Factor: 2.616 Quartile: 2 Citations: 35	
DOI: 10.1007/s10714-009-0772-3	
Another Representation for the Maximal Lie Algebra of $sl(n+2, R)$ in Terms of Operators	2009
Asghar Qadir TOOBA SIDDIQUI	
<i>Differential Equations and Nonlinear Mechanics</i> , Article ID 152698, 3 pages	
Impact Factor: N/A Citations: 2	
DOI: 10.1155/2009/152698	
A Proposal for Determining the Energy Content of Gravitational Waves by Using Approximate Symmetries of Differential Equations	2009
Ibrar Hussain F. M. Mahomed Asghar Qadir	
<i>Physical Review D</i> , Volume 79, Issue 12-15, Article Number 125014	
Impact Factor: 4.922 Quartile: 1 Citations: 20	
DOI: 10.1103/PhysRevD.79.125014	
On the Definition of Matter Collineations	2009
Asghar Qadir Khalid Saifullah	
<i>Modern Physics Letters A</i> , Volume: 24, Issue: 34, Pages 2769-2775	
Impact Factor: 1.075 Quartile: 3 Citations: 6	
DOI: 10.1142/S0217732309031247	
Asymptotic Behaviour of Proper Length and Volume of the Schwarzschild Singularity	2009
Asghar Qadir Azad Akhter Siddiqui	
<i>International Journal of Modern Physics D</i> , Volume: 18 Issue: 3 Pages: 397-404	
Impact Factor: 1.046 Quartile: 3 Citations: 3	
DOI: 10.1142/S0218271809014510	
Gauss-Bonnet and Lovelock Gravities and the Generalized Second Law of Thermodynamics	2009
Muhammad Akbar Asghar Qadir	
<i>Chinese Physics Letters</i> , Volume: 26, Issue: 6, Page 1-4, Article Number: 060402	
Impact Factor: 0.972 Quartile: 3 Citations: 2	
DOI: 10.1088/0256-307X/26/6/060402	
Invariant Linearization Criteria for Systems of Cubically Nonlinear Second-order Ordinary Differential Equations	2009

F. M. Mahomed Asghar Qadir

Journal of Nonlinear Mathematical Physics, Volume 16, No. 3, Pages 283-298

Impact Factor: 0.621 | **Quartile:** 4 | **Citations:** 32

DOI: <https://doi.org/10.1142/S1402925109000236>

**UNIQUENESS OF THE McVITTIE SOLUTION AS PLANE SYMMETRIC SOURCELESS
ELECTROMAGNETIC FIELD SPACETIMES**

2008

TOOBA FEROUZ Asghar Qadir M. ZIAD

Modern Physics Letters A, Modern Physics Letters A Vol. 23, No. 11, Pages 825-828, 2008

Impact Factor: 1.334 | **Quartile:** 2 | **Citations:** 1

DOI: doi.org/10.1142/S0217732308025437

Conformal Ricci Collineations of Static Spherically Symmetric Spacetimes

2008

Ugur Camci Asghar Qadir Khalid Saifullah

Communication in Theoretical Physics, Volume 49, Number 6, Pages 1527-1532

Impact Factor: 0.719 | **Quartile:** 3 | **Citations:** 15

DOI: [10.1088/0253-6102/49/6/38](https://doi.org/10.1088/0253-6102/49/6/38)

Comments on Charged Particle Dynamics in the Field of a Slowly Rotating Compact Star

2008

Mubasher Jamil Asghar Qadir

Nuovo Cimento Della Societa Italiana Di Fisica B-General Physics Relativity Astronomy and Mathematical Physics and Methods Volume122, Issue 5, Pages 599-602

Impact Factor: 0.238 | **Quartile:** 4

DOI: [10.1393/ncb/i2007-10385-7](https://doi.org/10.1393/ncb/i2007-10385-7)

Fresnel's diffraction and scintillation of gravitational waves

2008

D. Vetrugno Giuseppe Congedo F. De Paolis P. Longo A. A. Nucita Asghar Qadir

Nuovo Cimento Della Societa Italiana Di Fisica B-General Physics Relativity Astronomy and Mathematical Physics and Methods Volume 122(5), Pages 611-616

Impact Factor: 0.238 | **Quartile:** 4

DOI: [10.1393/ncb/i2007-10392-8](https://doi.org/10.1393/ncb/i2007-10392-8)

Charged black holes in phantom cosmology

2008

Mubasher Jamil Asghar Qadir Muneer Ahmad Rashid

European Physical Journal C, Volume 58 (2), Pages 325-329

Impact Factor: 2.805 | **Quartile:** 2 | **Citations:** 122

DOI: [10.1140/epjc/s10052-008-0761-9](https://doi.org/10.1140/epjc/s10052-008-0761-9)

Conditional Linearizability Criteria for Third Order Ordinary Differential Equations

2008

Fazal M Mahomed Asghar Qadir

Journal of Nonlinear Mathematical Physics, Volume 15, Pages, 124-133

Impact Factor: 0.760 | **Quartile:** 4 | **Citations:** 10

DOI: <https://doi.org/10.2991/jnmp.2008.15.s1.11>

Relativistic Effects at the Galactic Center

2008

A. A. Nucita Alexander Fyodorovich Zakharov Asghar Qadir

Nuovo Cimento Della Societa Italiana Di Fisica B-General Physics Relativity Astronomy and Mathematical Physics and Methods Volume 122, Issue 5, Pages 537-546

Impact Factor: 0.238 | **Quartile:** 4 | **Citations:** 3

DOI: [10.1393/ncb/i2007-10380-0](https://doi.org/10.1393/ncb/i2007-10380-0)

Conversion of an Extreme Reissner-Nordstrom Black Hole to a Naked Singularity

2008

F. De Paolis Asghar Qadir

Nuovo Cimento Della Societa Italiana Di Fisica B-General Physics Relativity Astronomy and Mathematical Physics and Methods Volume122, Issue5, Pages 569-572

Impact Factor: 0.238 | **Quartile:** 4

DOI: [10.1393/ncb/i2007-10388-4](https://doi.org/10.1393/ncb/i2007-10388-4)

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: [10.2991/jnmp.2008.15.s1.2](https://doi.org/10.2991/jnmp.2008.15.s1.2)

Studies of strong gravitational fields near super-massive black hole horizons with space missions

2008

<i>Alexander Fyodorovich Zakharov Francesco De Paolis Gabriele Ingrosso Achille Nucita Asghar Qadir</i> <i>Advances in Space Research</i>, Volume 41, Issue 12, Pages 2061-2063 Impact Factor: 0.860 Quartile: 3 DOI: https://doi.org/10.1016/j.asr.2007.06.053		
Ultra-fast Rotating Neutron Stars Revisited <i>Asghar Qadir</i> <i>Nuovo Cimento Della Societa Italiana Di Fisica B-General Physics Relativity Astronomy and Mathematical Physics and Methods</i>, Volume 122 B, No. 5, Pages 465-470 Impact Factor: 0.238 Quartile: 4 Citations: 4 DOI: 10.1393/ncb/i2007-10377-7		2008
Geometric Linearization of Ordinary Differential Equations <i>Asghar Qadir</i> <i>Symmetry, Integrability and Geometry: Methods and Applications</i>, Volume 3, Article Number 103, Pages 1-7 Impact Factor: 0 Citations: 24 DOI: 10.3842/SIGMA.2007.103		2007
Linearization criteria for a system of second-order quadratically semi-linear ordinary differential equations <i>F. M. Mahomed Asghar Qadir</i> <i>Nonlinear Dynamics</i>, Volume 48, No. 4, Pages 417-422 Impact Factor: 1.045 Quartile: 1 Citations: 39 DOI: 10.1007/s11071-006-9095-z		2007
Approximate Symmetries of Lagrangians for Plane Symmetric Gravitational Wave-like Spacetimes <i>Ibrar Hussain Asghar Qadir</i> <i>Nuovo Cimento della Societa Italiana di Fisica B</i>, Volume 122B(5), Pages 593-597 Impact Factor: 0.217 Quartile: 4 Citations: 11 DOI: 10.1393/ncb/i2007-10379-5		2007
Sgr A*: A Laboratory to Measure the Central Black Hole and Stellar Cluster Parameters <i>A. A. Nucita F. De Paolis G. Ingrosso Asghar Qadir A. F. Zakharov</i> <i>Publication of Astronomical Society of the Pacific</i>, Volume 119(854), Pages 349-359 Impact Factor: 3.737 Quartile: 1 Citations: 54 DOI: 10.1086/517934		2007
Similarities between classical time-like geodesics in a naked Reissner-Nordstrom singularity background and the behavior of electrons in quantum theory <i>Asghar Qadir Azad Akhter Siddiqui</i> <i>International Journal of Modern Physics D</i>, Volume: 16 Issue: 1 Pages: 25-33 Impact Factor: 1.87 Quartile: 2 Citations: 8 DOI: 10.1142/S0218271807009280		2007
Centrifugal force induced collapse of strange stars into black holes <i>De Paolis F Ingrosso G A.A Nucita Asghar Qadir</i> <i>International Journal of Modern Physics D</i>, Volume 16(5), Pages 827-831 Impact Factor: 1.870 Quartile: 2 Citations: 3 DOI: https://doi.org/10.1142/S0218271807010420		2007
Focusing Surfaces <i>Hassan Azad Abdullah Laradji Asghar Qadir</i> <i>Mathematical Gazette</i>, Volume 90, No. 519, Pages 404-411 Impact Factor: 0 DOI: -		2006
Foliation of the Schwarzschild and Reissner-Nordstrom Space-Time by Flat Space-Like Hypersurface <i>Asghar Qadir Azad Akhter Siddiqui</i> <i>International Journal of Modern Physics D</i>, Volume 14, No.9, Pages 1419-1440 Impact Factor: 1.651 Quartile: 2 Citations: 18 DOI: https://doi.org/10.1142/S0218271806009157		2006
The connection between isometries and symmetries of geodesic equations of the underlying spaces <i>F. M. Mahomed Asghar Qadir Tooba Feroze</i> <i>Nonlinear Dynamics</i>, Volume: 45 Issue: 1-2 Pages: 65-74		2006

Impact Factor: 0.902 Quartile: 2 Citations: 79 DOI: 10.1007/s11071-006-0729-y	
Gravitational Wave Scintillation by a Stellar Cluster <i>G. Congedo F. De Paolis P. Longo A.A. Nucita D. Vetrugno Asghar Qadir</i> <i>International Journal of Modern Physics D</i> , Volume 15, No. 11, Pages 1937-1945 Impact Factor: 1.651 Quartile: 2 Citations: 2 DOI: https://doi.org/10.1142/S0218271806009248	2006
Weyl Collineations that are not curvature collineations <i>Ibrar Hussain Asghar Qadir K. Saifullah</i> <i>International Journal of Modern Physics D</i> , Volume 14(8), Pages 1431-1437 Impact Factor: 1.225 Quartile: 3 Citations: 15 DOI: 10.1142/S021827180500695X	2005
The effect of mass on the radiation from relativistically rotating neutron stars <i>Al-Aithan, T De Paolis, F Al-Mohammad, AS Asghar Qadir</i> <i>NUOVO CIMENTO DELLA SOCIETA ITALIANA DI FISICA B-GENERAL PHYSICS RELATIVITY ASTRONOMY AND MATHEMATICAL PHYSICS AND METHODS</i> , Vol: 120 (1), Page: 25-35 Impact Factor: 0.324 Quartile: 4 Citations: 1 DOI: 10.1393/ncb/i2004-10123-9	2005
On Ricci inheritance symmetry in general relativity <i>A. H. Bokhari Asghar Qadir M. Karim D. Kuebel</i> <i>NUOVO CIMENTO DELLA SOCIETA ITALIANA DI FISICA B-GENERAL PHYSICS RELATIVITY ASTRONOMY AND MATHEMATICAL PHYSICS AND METHODS</i> , Vol:119, Issue: 12, Pages:1187-1195 Impact Factor: 0.307 Quartile: 4 DOI: 10.1393/ncb/i2004-10166-x	2004
Comments on matter collineations of plane symmetric, cylindrically symmetric and spherically symmetric space-time <i>Asghar Qadir K. Saifullah</i> <i>Journal of Mathematical Physics</i> , Vol:45 (11), Pages:4191-4192 Impact Factor: 1.430 Quartile: 2 Citations: 3 DOI: 10.1063/1.1793331	2004
Fourier transform and distributional representation of the gamma function leading to some new identities <i>M.Aslam Chaudhry Asghar Qadir</i> <i>International Journal of Mathematics and mathematical Sciences</i> , Volume: 2004, Issue: 37-40, page 2091-2096 Impact Factor: 0 DOI: https://eudml.org/doc/53666	2004
Use of Carter's coordinates for the extreme Reissner-Nordstrom spacetime to construct free-fall geodesics and a flat foliation <i>Asghar Qadir Azad Akhter Siddiqui</i> <i>IL NUOVO CIMENTO</i> , , , Vol. No. 117 B, No.8, pp-909-916, Aug 2002 Impact Factor: 0.366 Quartile: 4 DOI: -	2002
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