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Education

- 2005-2008 Ph.D., Theoretical Physics, Eastern Mediterranean University, Gazimağusa, North Cyprus.
Thesis: Non-Hermitian Quantum Mechanics.
- 1997-2000 M.S., Theoretical Physics, University of Isfahan, Isfahan, Iran.
Thesis: Stability of the super heavy nuclei.
- 1992-1997 B.S., Theoretical Physics, University of Isfahan, Isfahan, Iran.
Thesis: Detectors of Radioactive Radiations.

Area of specialization

Quantum Theory, Mathematical Physics, General Theory of Gravity, Classical Field Theories, Electrodynamics, Nuclear Physics, Quantum on Surfaces, Physical of Biological Bilayers.

Classes taught

Graduate: Advanced Quantum Mechanics, Advanced Electrodynamics, Advanced Mathematical Methods, General Relativity, Differential Geometry, Relativistic Quantum Mechanics, Field Theory,

Undergraduate: Quantum Mechanics, Electromagnetics I & II, Mathematical Methods I & II, Special and General Relativity, Differential Geometry, Solid State Physics, Physics I & Physics II for Engineering, Biophysics for Health Science, Biophysics for Dentistry, Physics Project.

Experience:

- 1994-1999 *Teaching Assistant, Isfahan University, Isfahan, IRAN.*
- 1995 *Lecturer of Physics for Olympiad Students, Isfahan, IRAN.*
- 1997-1999 *Physics Lecturer, Islamic Azad University of Falavarjan, Isfahan, IRAN.*
- 1999-2002 *Director and Instructor, Quantum Institute, Isfahan, Iran.*
- 2002-2005 *Physics Lecturer, Babol Noshirvani University of Technology (NIT), Mazandaran, Iran*
- 2005-2008 *Research Assistant, Department of Physics, Eastern Mediterranean University, Gazimağusa, North Cyprus.*
- 2008-2010 *Researcher and Lecturer, Department of Physics, Eastern Mediterranean University, Gazimağusa, North Cyprus.*
- 2010-2013 *Assistant Professor, Department of Physics, Eastern Mediterranean University, Gazimağusa, North Cyprus.*
- 2013-2019 *Associate Professor, Department of Physics, Eastern Mediterranean University, Gazimağusa, North Cyprus.*
- 2019-Present *Professor, Department of Physics, Eastern Mediterranean University, Gazimağusa, North Cyprus.*
- 2018-Present *Vice Chair, Department of Physics, Eastern Mediterranean University, Gazimağusa, North Cyprus.*
- 2018-Present *Chair of the Laboratory Manual Renewal Committee, Department of Physics, Eastern Mediterranean University, Gazimağusa, North Cyprus*
- 2022-Present *Board Member, Nanotechnology and Multifunctional Structures Research Center, Eastern Mediterranean University, Gazimağusa, North Cyprus.*
- 2018-Present *Chairman of the graduate committee, Department of Physics, Eastern Mediterranean University, Gazimağusa, North Cyprus.*

Research & publications

Papers published in refereed journals

171. S. Habib Mazharimousavi, Thin-shell wormholes with non-collapsing dark energy throats connecting flat Minkowski spacetimes. *Ann. Phys.* 471, 169834 (2024),

doi.org/10.1016/j.aop.2024.169834.

171. S. Habib Mazharimousavi, Slow-rotating dirty black hole in Einstein-nonlinear electro-dynamics-dilaton theory. *Physics of the Dark Universe* 46, 101696 (2024),

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170. S. Habib Mazharimousavi, Revisiting the fastest way to circle a black hole. *Physica Scr.* 99, 105280 (2024), doi.org/10.1088/1402-4896/ad7ce4.

169. S. Habib Mazharimousavi, Nonlinear Maxwell's theory mimics dark energy. *Ann. Phys.* 469, 169774 (2024), doi.org/10.1016/j.aop.2024.169774.

168. S. Habib Mazharimousavi, One-dimensional quantum scattering from multiple Dirac δ -potentials: a Python-based solution. *Physica Scr.* 99, 075229 (2024), doi.org/10.1088/1402-4896/ad5234.

167. S. Habib Mazharimousavi, Quantum Oppenheimer-Snyder-Swiss Cheese model. *Physics of the Dark Universe* 45, 101532 (2024), doi.org/10.1016/j.dark.2024.101532.

166. S. Habib Mazharimousavi, Generic spherically symmetric thin-shell wormholes with equilibrium throat at the innermost photon sphere are unstable. *Eur. Phys. J. C* 84, 303 (2024), doi.org/10.1140/epjc/s10052-024-12678-w.

165. S. Habib Mazharimousavi, The null circular geodesic outside the spherically symmetric asymptotically flat hairy black hole is not stable. *Eur. Phys. J. C* 84, 85 (2024), doi.org/10.1140/epjc/s10052-024-12447-9.

164. S. Habib Mazharimousavi, Axially Symmetric Exponential Metric. *Physics of the Dark Universe* 43, 101412 (2024), doi.org/10.1016/j.dark.2023.101412.

163. S. Habib Mazharimousavi, Confinement, and Nonlinear Electrodynamics: Asymptotic Schwarzschild Charged Black Hole. *Physics of the Dark Universe* 43, 101413 (2024), doi.org/10.1016/j.dark.2023.101413.

162. S. Habib Mazharimousavi, Asymptotically AdS-Schwarzschild black hole in Pure-Lovelock theory in 3+1-dimensions. *Annals of Physics* 459, 169491 (2023), [doi:10.1016/j.aop.2023.169491](https://doi.org/10.1016/j.aop.2023.169491).

161. S. Habib Mazharimousavi, (2023) A note on the stability of generic spherically symmetric thin-shell wormhole supported by a false vacuum. *Physics of the Dark Universe* 42, 101332 (2023), [doi:10.1016/j.dark.2023.101332](https://doi.org/10.1016/j.dark.2023.101332).

160. S. Habib Mazharimousavi, Nonspherically-symmetric black hole in Einstein-massless scalar theory. *Eur. Phys. J. C* 83, 1131 (2023), [10.1140/epjc/s10052-023-12300-5](https://doi.org/10.1140/epjc/s10052-023-12300-5).

159. S. Habib Mazharimousavi, K. Verma, Magnetic black hole in Einstein-Dilaton-Square root nonlinear electrodynamics. *Annals of Physics* 457, 169439 (2023), [doi:10.1016/j.aop.2023.169439](https://doi.org/10.1016/j.aop.2023.169439).

158. S. Habib Mazharimousavi, Stability of the static-fluid cylindrical regular space-time. *Annals of Physics* 458, 169455 (2023), doi:10.1016/j.aop.2023.169455.
157. V. Memari, S Habib Mazharimousavi, Causal structure and the geodesics in the hairy extension of the Bertotti-Robinson space-time. *Phys. Scr.* 98, 075303 (2023), doi:10.1088/1402-4896/acdeb6.
156. S. Habib Mazharimousavi, M. Halilsoy, Topologically quantized Schwarzschild black hole. *Phys. Scr.* 98, 085007 (2023), doi:10.1088/1402-4896/ace28c.
155. S. Habib Mazharimousavi, M. Halilsoy, and Chia-Li Hsieh, Confinement and null-source collision in a particular 4-dimensional third-order Lovelock gravity. *Phys. Scr.* 98, 065220 (2023), doi:10.1088/1402-4896/acd033.
154. S. Habib Mazharimousavi, Quark-antiquark confinement and nonlinear electrodynamics. *Phys. Lett. B* 841, 137948 (2023), doi:10.1016/j.physletb.2023.137948.
153. S. Habib Mazharimousavi, Dirty black hole supported by a uniform electric field in Einstein-nonlinear electrodynamics-Dilaton theory. *Eur. Phys. J. C* 83, 406 (2023), doi:10.1140/epjc/s10052-023-11544-5.
152. S. Habib Mazharimousavi, Generalization of the Guendelman nonlinear electrodynamics model. *Phys. Scr.* 98, 015305 (2023), doi:10.1088/1402-4896/acad40.
151. S. Habib Mazharimousavi, Regular Electric Field in Electromagnetic Coupled to a Scalar Field. *Annal. der Phys.* 535, 1 (2023), doi:10.1002/andp.202200249.
150. S. Habib Mazharimousavi, The Bonnor-Melvin magnetic 2+1+p-brane solution in gravity coupled to nonlinear electrodynamics. *Phys. Scr.* 98, 015201 (2023), doi:10.1088/1402-4896/aca43e.
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148. S. Habib Mazharimousavi, Classical and quantum particles in the brachistochrone upper half-space, *Eur. Phys. J. P*, 137, 1237 (2022), doi:10.1140/epjp/s13360-022-03466-0.
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146. S. Habib Mazharimousavi, Regular black hole powered by a self-gravitating magnetic monopole, *Phys. Scr.* 97, 095205 (2022), doi:10.1088/1402-4896/ac86ff/pdf.
145. Z. Amirabi and S. Habib Mazharimousavi, Thin-shell wormhole supported by exotic dust in gravity coupled with nonlinear electrodynamics, *Phys. Scr.* 97, 095301 (2022), doi:10.1088/1402-4896/ac831e/pdf.
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- 136.** S. Habib Mazharimousavi, Revisiting the nonsingular black holes in the 4-dimensional regularized Lovelock gravity, *Eur. Phys. J. Plus* 137, 595 (2022), doi:10.1140/epjp/s13360-022-02818-0.
- 135.** S. Habib Mazharimousavi, Quantum particle on a surface: Catenary surface and paraboloid of revolution, *Phys. Scr.* 96, 125245 (2021), doi:10.1088/1402-4896/ac326f/meta.
- 134.** S. Habib Mazharimousavi, A note on Reissner–Nordström black holes in the inverse electrodynamics model, *International Journal of Geometric Methods in Modern Physics* 18, 2150155 (2021), doi:10.1142/S0219887821501553.
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- 132.** I. Gullu, S. Habib Mazharimousavi, S. D. Forghani, A geometrical model for the evolution of spherical planetary nebulae based on thin-shell formalism, *International Journal of Geometric Methods in Modern Physics* 18, 2150191 (2021), doi:10.1142/S0219887821501917.
- 131.** S. Habib Mazharimousavi and M. Halilsoy, Electric and magnetic black holes in a new nonlinear electrodynamics model, *Ann. Phys.* 433, 168579 (2021), doi:10.1016/j.aop.2021.168579.
- 130.** S. Habib Mazharimousavi and M. Halilsoy, Interpolation of Schwarzschild and de Sitter spacetimes by a cosmological fluid, *Phys. Scr.* 96, 065208 (2021), doi:10.1088/1402-4896/abf0d3/meta.
- 129.** I. Gullu and S. Habib Mazharimousavi, Black holes in double-Logarithmic nonlinear electrodynamics, *Phys. Scr.* 96, 095213 (2021), doi:10.1088/1402-4896/ac098f/meta.
- 128.** S. Habib Mazharimousavi, A regular universe filled with uniform electric and magnetic field, *Eur. Phys. J. Plus* 136, 285 (2021), doi:10.1140/epjp/s13360-021-01264-8.
- 127.** I. Gullu and S. Habib Mazharimousavi, Black holes in double-Logarithmic nonlinear electrodynamics, *Phys. Scr.* 96, 045217 (2021), doi:10.1088/1402-4896/ac098f/meta.
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- 125.** S. Danial Forghani, S. Habib Mazharimousavi, Higher-dimensional particle model in pure Lovelock gravity, *Mod. Phys. Lett. A* 38, 2050317 (2020), doi:10.1142/S0217732320503174.

- 124.** S. Kanzi, S. Habib Mazharimousavi, I. Sakalli, Greybody factors of black holes in dRGT massive gravity coupled with nonlinear electrodynamics, *Ann. Phys.* 422, 168301 (2020), [doi:10.1016/j.aop.2020.168301](https://doi.org/10.1016/j.aop.2020.168301).
- 123.** S. Danial Forghani, S. Habib Mazharimousavi, Thin-shell wormholes with ordinary matter in pure Gauss-Bonnet gravity, *Journal of Cosmology and Astroparticle Physics* 11, 018 (2020), [doi:10.1088/1475-7516/2020/11/018](https://doi.org/10.1088/1475-7516/2020/11/018).
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- 121.** M. Izadparast and S. Habib Mazharimousavi, PT-symmetric momentum operator and bound states, *Phys. Scr.* 95, 105216 (2020), [doi:10.1088/1402-4896/abb85c](https://doi.org/10.1088/1402-4896/abb85c).
- 120.** S. Habib Mazharimousavi, M. Halilsoy, n+1-Dimensional Bertotti–Robinson solutions in gravity coupled with nonlinear electrodynamics, *Class. Quantum Grav.* 37, 177001 (2020), [doi:10.1088/1361-6382/aba222/meta](https://doi.org/10.1088/1361-6382/aba222/meta).
- 119.** P. Dehghani, S. Habib Mazharimousavi, S. Danial Forghani, Behavior of a free quantum particle in the Poincaré upper half-plane geometry, *Ann. Phys.* 419, 168234 (2020), [doi:10.1016/j.aop.2020.168234](https://doi.org/10.1016/j.aop.2020.168234).
- 118.** S. Danial Forghani, S. Habib Mazharimousavi, M. Halilsoy, Higher-dimensional particle model in third-order Lovelock gravity, *Eur. Phys. J. Plus* 135, 581 (2020), [doi:10.1140/epjp/s13360-020-00602-6](https://doi.org/10.1140/epjp/s13360-020-00602-6).
- 117.** M. Izadparast and S. Habib Mazharimousavi, Generalized Extended Momentum Operator, *Phys. Scr.* 95, 075220 (2020), [doi:10.1088/1402-4896/ab97cf/meta](https://doi.org/10.1088/1402-4896/ab97cf/meta).
- 116.** S. Habib Mazharimousavi and M. Halilsoy, Colliding waves in a model of nonlinear electrodynamics, *Class. Quantum Grav.* 37 137001 (2020), [doi:10.1088/1361-6382/ab9516](https://doi.org/10.1088/1361-6382/ab9516).
- 115.** S. Danial Forghani, S. Habib Mazharimousavi, M. Halilsoy, Thin-shell wormhole satisfying energy conditions, *Phys. Lett. B* 804, 135374 (2020), [doi:10.1016/j.physletb.2020.135374](https://doi.org/10.1016/j.physletb.2020.135374).
- 114.** S. Habib Mazharimousavi, M. Halilsoy and K. Kianfar, Thin-shell wormholes in $f(R)$ -gravity coupled with nonlinear electrodynamics, *Eur. Phys. J. Plus* 135, 440 (2020), [doi:10.1140/epjp/s13360-020-00439-z](https://doi.org/10.1140/epjp/s13360-020-00439-z)
- 113.** S. Habib Mazharimousavi, Regular electric black hole in 2+1-dimensions Einstein-nonlinear electrodynamics, *Ann. Phys.* 416, 168145 (2020), [doi:10.1016/j.aop.2020.168145](https://doi.org/10.1016/j.aop.2020.168145).
- 112.** M. Izadparast and S. Habib Mazharimousavi, Two-dimensional non-Hermitian harmonic oscillator: coherent states, *Phys. Scr.* 94, 115215 (2019), [doi:10.1088/1402-4896/ab240b/meta](https://doi.org/10.1088/1402-4896/ab240b/meta).
- 111.** S. Habib Mazharimousavi and M. Halilsoy, Electric Black Holes in a Model of Nonlinear Electrodynamics, *Ann. Phys. (Berlin)* 531, 1900236 (2019), [doi:10.1002/andp.201900236?af=R](https://doi.org/10.1002/andp.201900236?af=R).
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- 103.** S. Danial Forghani, S. Habib Mazharimousavi, M. Halilsoy, Thin-shells and thin-shell wormholes in new massive gravity, *Eur. Phys. J. C* 79, 449 (2019), [doi:10.1140/epjc/s10052-019-6964-4](https://doi.org/10.1140/epjc/s10052-019-6964-4).
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Conference presentations & talks

17. S. Habib Mazharimousavi, Topologically Quantized Black Hole, *International Conference on Particle Physics and Cosmology*, October 2-October 7, 2023, Yerevan, Armenia.
16. S. Habib Mazharimousavi, Generalization of the Guendelman nonlinear electrodynamics, *11th International Conference of the Balkan Physical Union (BPU11 Congress)*, organized by the Balkan Physical Union, August 28-September 1, 2022, Belgrade, Serbia.
15. S. Habib Mazharimousavi, Quantum particle on a surface,

5th International Conference of Mathematical Sciences (ICMS 2021), June 23-June 27, 2021, Maltepe University, İstanbul, Turkey.

14. S. Habib Mazharimousavi, Black-hole solution in nonlinear electrodynamics with the maximum allowable symmetries, *19th Workshop on Quantization, Dualities and Integrable Systems*, April 23-April 25, 2021, University of Turkish Aeronautical Association, Ankara, Turkey.

13. S. Habib Mazharimousavi, Plenary speaker: Thin-shell formalism in general relativity, *4th International Conference of Mathematical Sciences (ICMS 2020)*, June 17-June 21, 2020, Maltepe University, İstanbul, Turkey.

12. S. Habib Mazharimousavi, Thin-shell wormhole in $f(R)$ gravity, *3th International Conference of Mathematical Sciences (ICMS 2019)*, September 5-September 8, 2019, Maltepe University, İstanbul Turkey.

11. S. Habib Mazharimousavi, Geometric model of particles, *The International Workshop Supersymmetries and Quantum Symmetries: SQS'19* August 26-August 30, 2018, Yerevan, Armenia.

10. S. Habib Mazharimousavi, Absence of Buckling in Nerve Fiber, *The 10th Jubilee Conference of the Balkan Physical Union (BPU10)*, August 26-August 30, 2018, Sofia, Bulgaria.

9. S. Habib Mazharimousavi, Rindler acceleration, *12th Workshop on QUANTIZATION, DUALITIES & INTEGRABLE SYSTEMS*, April 20-April 22, 2013, Koc University, İstanbul, Turkey.

8. S. Habib Mazharimousavi, Colliding plane wave solution in $f(R) = R^N$ gravity, *The Seventh Harvard-Smithsonian, Conference on Theoretical Astrophysics*, May 14-May 17, 2012, Institute for Theory and Computation, Harvard University, Cambridge, MA USA.

7. S. Habib Mazharimousavi, Confinement in general relativity, *10th Workshop on QUANTIZATION, DUALITIES & INTEGRABLE SYSTEMS*, April 21-April 23, 2012, Pamukkale Universites, Pamukkale, Turkey.

6. S. Habib Mazharimousavi, Higher dimensional thin-shell wormholes in Einstein-Yang-Mills-Gauss-Bonnet gravity, *10th Workshop on QUANTIZATION, DUALITIES & INTEGRABLE SYSTEMS*, April 22-April 24, 2011, Eastern Mediterranean University, Magusa, North Cyprus.

5. S. Habib Mazharimousavi, Higher dimensional Yang-Mills Black String Construction and its stability, *A topical conference on elementary particles, astrophysics, and cosmology*, December 14-December 19, 2010, Department of Physics and the College of Arts and Sciences, University of Miami, USA.

4. S. Habib Mazharimousavi, Revisiting the dyonic Majumdar-Papapetrou black holes, *9th Workshop on QUANTIZATION, DUALITIES & INTEGRABLE SYSTEMS*, April 23-April 25, 2010, YEDİTEPE UNIVERSITY, ŞİLE, İSTANBUL, Turkey.

3. S. Habib Mazharimousavi, Dynamic Domain Walls in Einstein-Yang-Mills-Dilaton Background, *8th Workshop on QUANTIZATION, DUALITIES & INTEGRABLE SYSTEMS*, April 23-April 25, 2009, Ankara University, Tandoğan Campus, Ankara, Turkey.

2. S. Habib Mazharimousavi, Black Hole solutions in Einstein-Maxwell-Yang-Mills-Gauss-Bonnet Theory, *A topical conference on elementary particles, astrophysics, and cosmology*, December 16-December 21, 2008, Department of Physics and the College of Arts and Sciences, University of Miami, USA.

1. S. Habib Mazharimousavi, First-order intertwining operators with position dependent mass and η - weak-pseudo-Hermiticity generators, *6th international workshop on pseudo-Hermitian Hamiltonians in quantum physics*, July 16-July 18, 2008, City University London, UK.

Thesis supervision & co-supervision

Ph.D thesis

8. Keyvan Khatibi, *Finite and Large Deformation of Thin-Shells and Surfaces*, Eastern Mediterranean University, Graduate Institute, Gazimağusa, North Cyprus (2024).
7. Huseyin Karyal, *Gravity in lower-dimensions*, Eastern Mediterranean University, Graduate Institute, Gazimağusa, North Cyprus (2024).
6. Elham Poorkahnooji, *Quantum mechanics on curved spacetime*, Eastern Mediterranean University, Graduate Institute, Gazimağusa, North Cyprus (2024).
5. M. Izadparast, *Non-Hermitian momentum operator*, Eastern Mediterranean University, Graduate Institute, Gazimağusa, North Cyprus (2021).
4. Sara Kanzi, *Bosonic and Fermionic Graybody Factors of Four-Dimensional Black Holes in Various Theories*, Eastern Mediterranean University, Graduate Institute, Gazimağusa, North Cyprus (2020).
3. S. N. Abtahi, *Flexoelectric Fluid Membranes in External Electric Fields*, Eastern Mediterranean University, Graduate Institute, Gazimağusa, North Cyprus (2020).
2. S. Danial Forghani, *Asymmetric Thin Shell Wormholes*, Eastern Mediterranean University, Graduate Institute, Gazimağusa, North Cyprus (2019).
1. Ali Ovgun, *Studies on Thin-Shells and Thin-Shell Wormholes*, Eastern Mediterranean University, Graduate Institute, Gazimağusa, North Cyprus (2016).

M.Sc. thesis

18. Kanishk Verma, *Einstein-Maxwell-Dilaton Theory*, Eastern Mediterranean University, Graduate Institute, Gazimağusa, North Cyprus (2022).
17. Mahmud Farouk Rugga, *Noncommutative Quantum Mechanics*, Eastern Mediterranean University, Graduate Institute, Gazimağusa, North Cyprus (2021).
16. Roza Raoufi, *Quantum Particle Constrained to a Curved Surface*, Eastern Mediterranean University, Graduate Institute, Gazimağusa, North Cyprus (2021).
15. Khashayar Kianfar, *Thin-shell Wormholes in $f(R)$ gravity*, Eastern Mediterranean University, Graduate Institute, Gazimağusa, North Cyprus (2019).
14. Mohamed EM. F. Ali, *Kronig-Penney and Delta-Potential Models in Quantum Mechanics*, Eastern Mediterranean University, Graduate Institute, Gazimağusa, North Cyprus (2018).
13. Sarbaz Nabi Hamad Amen, *Stability of Spherically Symmetric Timelike Thin-shells in General Relativity*, Eastern Mediterranean University, Graduate Institute, Gazimağusa, North Cyprus (2017).
12. Asma Ali Abdulsalam Benghrian, *Generic Spherically Symmetric Thin-shells in General Relativity*, Eastern Mediterranean University, Graduate Institute, Gazimağusa, North Cyprus (2017).

11. Mohammed Noor Sedeeq Rammoo, *The Exact Solutions in Quantum Mechanics*, Eastern Mediterranean University, Graduate Institute, Gazimağusa, North Cyprus (2016).
10. Sara Kanzi, *Perihelion Precession in the Solar System*, Eastern Mediterranean University, Graduate Institute, Gazimağusa, North Cyprus (2016).
9. Suleiman Bashir Adamu, *Quantum Particle in a PT-symmetric Well*, Eastern Mediterranean University, Graduate Institute, Gazimağusa, North Cyprus (2014).
8. Ala Hamd Hssain, *Schrödinger Equation with Noninteger Dimensions*, Eastern Mediterranean University, Graduate Institute, Gazimağusa, North Cyprus (2014).
7. Rafea Ismael Sulaiman, *Klein - Gordon equation in 1+1 - Dimensions*, Eastern Mediterranean University, Graduate Institute, Gazimağusa, North Cyprus (2014).
6. Zainab Sauod Muhmmmed Alhmod, *Wave Propagation in an Inhomogeneous Matter*, Eastern Mediterranean University, Graduate Institute, Gazimağusa, North Cyprus (2014).
5. Marzieh Parsa, *Gravitational lensing*, Eastern Mediterranean University, Graduate Institute, Gazimağusa, North Cyprus (2013).
4. Ashwaq Eyad Kadhim Al-Aakol, *Position dependent mass quantum particle*, Eastern Mediterranean University, Graduate Institute, Gazimağusa, North Cyprus (2013).
3. Yashar Alizadeh, *Nonlinear Electromagnetics in Flat and Curved Spacetime*, Eastern Mediterranean University, Graduate Institute, Gazimağusa, North Cyprus (2013).
2. Morteza Kerachian, *Existence of reissner - nordström type black hole in $f(R)$ gravity*, Eastern Mediterranean University, Graduate Institute, Gazimağusa, North Cyprus (2013).
1. Ashkan Roozbeh, *Wave propagation in a medium with position-dependent permittivity and permeability*, Eastern Mediterranean University, Graduate Institute, Gazimağusa, North Cyprus (2013).

B. Sc. thesis

1. Erfan Keshavarz, *One-dimensional quantum scattering from multiple Dirac delta potentials, A Python solution*, Eastern Mediterranean University, Department of Physics, Gazimağusa, North Cyprus (2023).

Editorial & referee

Referee:

Classical and Quantum Gravity, International Journal of Theoretical Physics, Advances in High Energy Physics, Modern Physics Lett. A, Gravitation and Cosmology, The European Physical Journal C, The European Physical Journal Plus, Physics Lett. A, Physics Lett. B, Physical Review D, Physica Scripta, Physics of the Dark Universe, Scientific Reports, General Relativity and Cosmology, Annalen der physik, Symmetry, Quantum Reports, Astrophysics and Space Science, Universe, Waves in Random and Complex Media.

Editor:

4. Black holes: Insight and Enigmas. Advances in high energy physics (2018).

3. Classical and Quantum Gravity and Its Applications. Advances in high energy physics (2017).
2. Global and Local Symmetry in Nonlinear & Linear Electrodynamics. Symmetry (2023).
1. Regular Black Holes. Frontiers in Astronomy and Spaces Cosmology (2023).

Honors, awards, and recognitions

- (2023) Top Researcher Award, Eastern Mediterranean University, Gazimağusa, North Cyprus,
(2023) The trusted reviewer of the journal Classical and Quantum Gravity,
(2023) Top 2% World's Most Influential Scientists List in Stanford University's Study
(2022) Top 2% World's Most Influential Scientists List in Stanford University's Study,
(2021) Top 2% World's Most Influential Scientists List in Stanford University's Study,
(2020) Top 2% World's Most Influential Scientists List in Stanford University's Study
(2022) Top Researcher Award, Eastern Mediterranean University, Gazimağusa, North Cyprus,
(2022) Top Publication Citation, Eastern Mediterranean University, Gazimağusa, North Cyprus,
(2021) Top Publication Citation, Eastern Mediterranean University, Gazimağusa, North Cyprus,
(2020) Top Research Incentive, Eastern Mediterranean University, Gazimağusa, North Cyprus,
(2020) Top Publication Citation, Eastern Mediterranean University, Gazimağusa, North Cyprus,
(2008) The best Ph.D. student completed the program with 15 published peer-reviewed papers in three years and a CGPA of 4.0/4.0, Eastern Mediterranean University, Gazimağusa, North Cyprus,
(2000) Top student in the national entrance exam to be awarded a fully funded PhD education abroad, Isfahan University, Isfahan Iran,
(1990) High school, National Physics Olympiad winner, Mazandaran, Iran,
(1988) The top talented student to be awarded the National School of Talented Students, Mazandaran, Iran.

Languages

Persian: Native.

Tabari (Mazani): Native.

English: reading (advance), writing (advance), and speaking (advance).

Turkish: reading (intermediate), writing (intermediate), and speaking (intermediate).

Arabic: reading (introductory), writing (introductory), and speaking (introductory).

