

Dr. S. Habib Mazharimousavi

Physics Department, EMU, G. Magusa, north Cyprus



PERSONAL DATA

Date and Place of Birth: 30/06/1972, Babool - Iran.
Nationality: IRAN
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FAMILY:(The picture above)

My wife:	Z. Amirabi	Ph.D in Physics
My first daughter	Rira	Second grade
My second daughter	Rita	1.5 years old

ACADEMIC QUALIFICATIONS

- 2008 (08/08/08) Ph.D. in Theoretical Physics, Eastern Mediterranean University, north Cyprus, TURKEY.
- 2000 MS in APPLIED Physics, University of Isfahan, Isfahan, IRAN.
- 1997 BS in APPLIED Physics, University of Isfahan, Isfahan, IRAN.

WORK EXPERIENCE

- 1997-1999: Physics instructor (101 and 102), Azad University, Isfahan, IRAN.
- 1999-2002: Physics instructor (Classical Mechanics, Quantum Mechanics, Electromagnetic and Electrodynamics), in a private institute of education.
- 2002-2004: Physics instructor (101 and 102) in University of Mazandaran, Babool, IRAN.
- 15/09/05-08/08/08: Research Assistant, Dept. of Phys., EMU, Gazimağusa, north Cyprus.
- 08/08/08-15/09/2010: Physics instructor, Dept. of Phys., EMU, Gazimağusa, north Cyprus.
- 15/09/2010-15/09/2013: Assistant Professor, Dept. of Phys., EMU, Gazimağusa, north Cyprus.
- 15/09/2013-present: Associate Professor, Dept. of Phys., EMU, Gazimağusa, north Cyprus.

LANGUAGES

English (advance), Persian (native), Turkish (moderate).

RESEARCH INTERESTS

- General Relativity and Gravitation.
- Black Holes and Wormholes.
- New Solutions in the Einstein's Theory.
- Higher Dimensions in General Relativity.
- Yang-Mills Theory.
- Gauss-Bonnet and Lovelock theory.
- Colliding Gravitational Waves.
- Non-Linear Electrodynamics.
- Mathematical methods in Physics.
- PT-Symmetric Quantum Mechanics
- Pseudo-Hermiticity of non-Hermitian Hamiltonians.
- Point canonical transformation and position-dependent mass Hamiltonians.
- Position-dependent-mass and ordering ambiguity in Hermitian and non-Hermitian Quantum theory.
- Cell's membranes, theoretical membranes.

COURSES THAT I HAVE TAUGHT

- General Physics.
- Classical Mechanics.
- Modern Physics.
- Electrodynamics.
- Quantum Mechanics.
- Methods in Mathematical Physics.
- General Relativity.
- Differential Geometry.

REFERENCES

1- Prof. Dr. Mustafa Halilsoy:	Department of Physics, EMU, Gazimağusa, North Cyprus, Mersin 10, TURKEY. Tel: +90 392 630 1314/1254 Fax: +90 392 365 1604. E-mail: mustafa.halilsoy@emu.edu.tr
1- Prof. Dr. Omar Mustafa:	Department of Physics, EMU, Gazimağusa, North Cyprus, Mersin 10, TURKEY. Tel: +90 392 630 1314/1378 Fax: +90 392 365 1604. E-mail: omar.mustafa@emu.edu.tr
3- Prof. Dr. Miloslav Znojil:	Theoretical Mathematical Group, Institute of Nuclear Physics, AV CR, 250 68 Rez, Prague, Czech Republic. Tel: +420 2 6617 3286, Doppler Institute of Mathematical Physics, Fac. Nucl. Sci. and Phys. Eng., Czech Technical University, 115 19 Prague, Czech Republic. Email: znojil@ujf.cas.cz.

CONFERENCES ATTENDED

<i>“6th international workshop on pseudo-Hermitian Hamiltonians in quantum physics”</i>	City University London, UK, 16th -18th of July 2007. Poster on: <i>“First-order intertwining operators with position dependent mass and η- weak-pseudo-Hermiticity generators ”</i>
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<p><i>“A topical conference on elementary particles, astrophysics, and cosmology”</i></p>	<p>Department of Physics and the College of Arts and Sciences, University of Miami, USA Tuesday - Sunday, 16 - 21 December 2008. Talk on: <i>“Black Hole solutions in Einstein-Maxwell-Yang-Mills-Gauss-Bonnet Theory”</i></p>
<p><i>“8th Workshop on QUANTIZATION, DUALITIES & INTEGRABLE SYSTEMS”</i></p>	<p>Ankara University, Tandoğan Campus, Ankara, TURKEY April 23 - 25, 2009 Talk on: <i>“Dynamic Domain Walls in Einstein-Yang-Mills-Dilaton Background”</i></p>
<p><i>“9th Workshop on QUANTIZATION, DUALITIES & INTEGRABLE SYSTEMS”</i></p>	<p>YEDİTEPE UNIVERSITY, ŞİLE, ISTANBUL, TURKEY April 23 - 25, 2010 Talk on: <i>“Revisiting the dyonic Majumdar-Papapetrou black holes”</i></p>
<p><i>“A topical conference on elementary particles, astrophysics, and cosmology”</i></p>	<p>Department of Physics and the College of Arts and Sciences, University of Miami, USA Tuesday - Sunday, 14 - 19 December 2010. Talk on: <i>“Higher dimensional Yang-Mills Black String Construction and its stability”</i></p>
<p><i>“10th Workshop on QUANTIZATION, DUALITIES & INTEGRABLE SYSTEMS”</i></p>	<p>Eastern Mediterranean University, Magusa, north Cyprus, TURKEY April 22 - 24, 2011 Talk on: <i>“Higher dimensional thin-shell wormholes in Einstein-Yang-Mills-Gauss-Bonnet gravity”</i></p>
<p><i>“10th Workshop on QUANTIZATION, DUALITIES & INTEGRABLE SYSTEMS”</i></p>	<p>Pamukkale Üniversitesi, Pamukkale, TURKEY April 21 - 23, 2012 Talk on: <i>“Confinement in general relativity”</i></p>
<p><i>“The Seventh Harvard-Smithsonian , Conference on Theoretical Astrophysics”</i></p>	<p>Institute for Theory and Computation, Harvard University, Cambridge, MA USA May 14 through Thursday, May 17, 2012 Poster on: <i>“Colliding plane wave solution in $f(R) = R^N$ gravity”</i></p>

LIST OF PUBLICATIONS

1. O. Mustafa and **S. Habib Mazharimousavi**, **J. Phys. A: Math. & Gen.** **39**, **10537 (2006)**: arXiv: math-ph/0602044 "d-dimensional generalization of the Point Canonical Transformation for a quantum particle with position dependent mass".✓
2. O. Mustafa and **S. Habib Mazharimousavi**, **Phys. Lett. A** **358**, **258 (2006)**: arXiv: quant-ph/0603134 "Quantum particles trapped in a position-dependent mass barriers; a d-dimensional recipe".✓
3. O. Mustafa and **S. Habib Mazharimousavi**, **Czech. J. Phys.** **56**, **967 (2006)**: arXiv: quant-ph/0601017 "Non-Hermitian d-dimensional Hamiltonians with position dependent mass and their η -Pseudo-Hermiticity generators".✓
4. O. Mustafa and **S. Habib Mazharimousavi**, **Phys. Lett. A** **357**, **295 (2006)**: arXiv: quant-ph/0604106 " η -weak-psuedo-Hermiticity generators and exact solvability".✓
5. O. Mustafa and **S. Habib Mazharimousavi**, **Int. J. Theor. Phys.** **46**, **1786 (2007)**: arXiv: quant-ph/ 0607158 "Ordering ambiguity revisited via position dependent mass pseudo-momentum operators" .✓
6. O. Mustafa and **S. Habib Mazharimousavi**, **J. Phys. A: Math. Theor.** **40**, **863 (2007)**: arXiv: quant-ph/ 0611288 Comment on "Position-dependent effective mass Dirac equation with PT-symmetric and non-PT-symmetric potentials".✓
7. **S. Habib Mazharimousavi** and M. Halilsoy, **Phys. Rev. D** **76 (2007) 087501**, arXiv:0801.1562 [gr-qc]. "5D black hole solution in Einstein-Yang-Mills-Gauss-Bonnet theory".✓
8. O. Mustafa and **S. Habib Mazharimousavi**, **Int. J. Theor. Phys.** **47**, **446 (2008)**: arXiv: quant-ph/0607030 "First-order intertwining operators with position dependent mass and η -weak-psuedo-Hermiticity generators".✓
9. O. Mustafa and **S. Habib Mazharimousavi**, **Int. J. Theor. Phys.** **47**, **1112 (2008)**: arXiv: quant-ph/ 0611149 "(1+1)-Dirac particle with position-dependent mass in complexified Lorentz scalar interactions: effectively PT-symmetric".✓

10. O. Mustafa and **S. Habib Mazharimousavi**, **Int. J. Theor. Phys.** **47**, **2029** (2008): arXiv: hep-th/0601017 “ η -weak-pseudo-Hermiticity generators and radially symmetric Hamiltonians”.✓
11. O. Mustafa and **S. Habib Mazharimousavi**, **J. Phys. A: Math. Theor.** **41**, **244020** (2008): arXiv: quant-ph/ 0707.3738 “Complexified von Roos Hamiltonian’s η -weak-psuedo-Hermiticity, isospectrality and exact solvability”.✓
12. **S. Habib Mazharimousavi** and M. Halilsoy, **Phys. Lett. B** **665** (2008) **125**, "Higher dimensional Yang-Mills black holes in third order Lovelock gravity".✓
13. **S. Habib Mazharimousavi** and M. Halilsoy, **Phys. Lett. B** **659** (2008) **471**, "Einstein-Yang-Mills black hole solution in higher dimensions by the Wu-Yang Ansatz".✓
14. **S. Habib Mazharimousavi**, **J. Phys. A: Math. Theor.** **41** (2008) **244016**, (13pp), arXiv:0801.1549. "Non-Hermitian Hamiltonian versus $E = 0$ localized states".✓
15. **S. Habib Mazharimousavi**, M. Halilsoy and Z. Amirabi, **Phys. Rev. D** **78** (2008) **064050**, arXiv:0806.4614 [gr-qc]. "New non-Abelian black hole solutions in Born-Infeld gravity".✓
16. **S. Habib Mazharimousavi** and M. Halilsoy, **J. of Cosmology and Astroparticle Phys. (JCAP)** **12** (2008) **005**: arXiv:0801.2110"Black Hole solutions in Einstein-Maxwell-Yang-Mills-Gauss-Bonnet Theory".✓
17. O. Mustafa and **S. Habib Mazharimousavi**, **Int. J. Theor. Phys.** **48**, **183** (2009): arXiv: 0801.3572 “Spherical-separablility of non-Hermitian Hamiltonians and pseudo-PT-symmetry”.✓
18. O. Mustafa and **S. Habib Mazharimousavi**, **Phys. Lett. A** **373** (2009) **325**, "A singular position-dependent mass particle in an infinite potential well".✓
19. **S. Habib Mazharimousavi**, M. Halilsoy and Z. Amirabi, **General Relativity and Gravitation** **28** (2009) **261**: arXiv:0802.3990"N-Dimensional non-abelian dilatonic, stable black holes and their Born-Infeld extension".✓
20. **S. Habib Mazharimousavi** and M. Halilsoy, **Phys. Lett. B** **672** (2009) **177** : arXiv:0808.0107"Hawking radiation for higher dimensional Einstein-Yang-Mills linear dilaton black holes".✓
21. **S. Habib Mazharimousavi**, O. Gurtug and M. Halilsoy, **International Journal of Modern Physics D** **18** (2009) **2061–2082**: arXiv:0809.3649 "Generating Static, Spherically Symmetric Black-holes in Lovelock Gravity".✓
22. **S. Habib Mazharimousavi** and M. Halilsoy, **Phys. Lett. B** **678** (2009) **407**: arXiv:0812.0989"Black holes and the classical model of a particle in Einstein non-linear electrodynamics theory".✓

23. **S. Habib Mazharimousavi** and M. Halilsoy, (2009): arXiv:0908.0308 "Lovelock black holes with a power-Yang-Mills source". **Physics Letters B** 681 (2009) 190–199.✓
24. **S. Habib Mazharimousavi**, M. Halilsoy, I. Sakalli and O. Gurtug, **Class. Quantum Grav.** **27** (2010) 105005, Xiv:0908.3113 "Dilatonic interpolation between Reissner-Nordström and Bertotti-Robinson spacetimes with physical consequences".✓
25. **S. Habib Mazharimousavi**, M. Halilsoy and Z. Amirabi, (2010) **Phys. Rev. D** 81 (2010) 104002, arXiv:0010.237 "Stability of thin-shell wormholes supported by normal matter in Einstein-Maxwell-Gauss-Bonnet gravity".✓
26. R. Akoglu, **S. Habib Mazharimousavi** and M. Halilsoy, *The Physics Teacher* 48 (2010) 230. "Simple system to measure the Earth's magnetic field".✓
27. **S. Habib Mazharimousavi**, O. Gurtug and M. Halilsoy, *Class. Quantum Grav.* 27 (2010) 205022. arXiv:0911.1919, "Theorem to generate Einstein-Non Linear Maxwell Fields".✓
28. **S. Habib Mazharimousavi** and M. Halilsoy, *Physics Letters B* 694 (2010) 54. arXiv:1007.4888, "Solution for Static, Spherically Symmetric Lovelock Gravity Coupled with Yang-Mills hierarchy".✓
29. **S. Habib Mazharimousavi** and M. Halilsoy, *Phys. Rev. D* 82, 087502 (2010): arXiv:1008.2671, "Domain-Walls in Einstein-Gauss-Bonnet Bulk".✓
30. **S. Habib Mazharimousavi** and O. Mustafa, *SIGMA* **6** (2010) 088, arXiv:1003.3003 "Flatland position dependent mass; Polar coordinates, separability and exact solvability". ✓
31. O. Mustafa and **S. Habib Mazharimousavi**, *Phys. Scr.* **82** (2010) 065013: arXiv:0906.4534 "A quasi-free position-dependent-mass jump and self-scattering correspondence". ✓
32. **S. Habib Mazharimousavi**, M. Halilsoy and Z. Amirabi, *Class. Quant. Grav.* **28** (2011) 025004, arXiv:0082365 "Higher dimensional thin-shell wormholes in Einstein-Yang-Mills-Gauss-Bonnet gravity".✓
33. **S. Habib Mazharimousavi**, M. Halilsoy and Z. Amirabi, *Phys. Lett. A* **375** (2011) 231, arXiv:1005.2953 " d -dimensional non-asymptotically flat thin-shell wormholes in Einstein-Yang-Mills-Dilaton gravity". ✓
34. **S. Habib Mazharimousavi** and M. Halilsoy, *Phys. Lett. B* **697** (2011) 497, arXiv:1102.2502 "Note on: "Domain wall universe in the Einstein-Born-Infeld theory".✓
35. **S. Habib Mazharimousavi** and M. Halilsoy (2011) arXiv:1105.3659 "Black hole solutions in $f(R)$ gravity coupled with non-linear Yang-Mills field", *Phys. Rev. D* **84** (2011) 064032. ✓

36. **S. Habib Mazharimousavi**, M. Halilsoy and Z. Amirabi, (2010) arXiv:0908.3967: "Black holes and thin-shell wormholes in Hoffman-Born-Infeld theory", Phys. Lett. A **375** (2011) 3649. ✓
37. **S. Habib Mazharimousavi**, O. Gurtug, M. Halilsoy and O. Unver. "2+1 dimensional magnetically charged solutions in Einstein-Power-Maxwell theory". Phys. Rev. D **84** (2011) 124021. ✓
38. **S. Habib Mazharimousavi**, M. Halilsoy and T. Tahamtan (2012) arXiv:1107.0242 "Regular charged black hole construction in 2 + 1 –dimensions". Phys. Lett. A 376 (2012) 893. ✓
39. **S. Habib Mazharimousavi**, M. Halilsoy and T. Tahamtan, arXiv:1110.5085 "Solutions for $f(R)$ gravity coupled with electromagnetic field". European Physics Journal C. 72, 1851 (2012). ✓
40. **S. Habib Mazharimousavi** and M. Halilsoy, arXiv:0810.0818 "Ground State H-Atom in Born-Infeld Theory". Found. Phys. **42** (2012) 524. ✓
41. **S. Habib Mazharimousavi** and M. Halilsoy, arXiv:1102.2501, "Specific dynamics for the Domain-Walls in Einstein-Maxwell-Dilaton theory". Class. Quantum Grav. 29 (2012) 065013. ✓
42. **S. Habib Mazharimousavi**, arXiv:1203.2799, "Revisiting the displacement operator for quantum systems with position-dependent mass". Phys. Rev. A 85, 034102 (2012). ✓
43. **S. Habib Mazharimousavi** and M. Halilsoy, arXiv:1201.2321 "'Square Root' of the Maxwell Lagrangian versus confinement in general relativity". Physics Letters B 710 (2012) 489-492. ✓
44. **S. Habib Mazharimousavi**, M. Halilsoy and T. Tahamtan, arXiv:1109.3655, "Constant curvature $f(R)$ gravity minimally coupled with Yang-Mills field" Eur. Phys. J. C (2012) 72:1958. ✓
45. O. Gurtug, **S. Habib Mazharimousavi** and M. Halilsoy, arXiv:1010.2340, "2+1-dimensional electrically charged black holes in Einstein - Power Maxwell Theory" Phys. Rev. D 85, 104004 (2012). ✓
46. **S. Habib Mazharimousavi** and M. Halilsoy, arXiv:1210.4699. "Comment on "Static and spherically symmetric black holes in $f(R)$ theories"". Phys. Rev. D 86, 088501 (2012). ✓
47. **S. Habib Mazharimousavi**, M. Halilsoy and T. Tahamtan (2012) arXiv:1207.1644 "Double-bounce domain-wall in Einstein-Yang-Mills-Scalar black holes". Eur. Phys. J. C (2013) 73, 2264. ✓

48. **S. Habib Mazharimousavi** and O. Mustafa, arXiv:1208.1095 "Classical and quantum quasi-free position dependent mass; Pöschl-Teller and ordering-ambiguity". *Physics Scripta* 87 (2013) 055008. ✓
49. **S. Habib Mazharimousavi**, M. Kerachian and M. Halilsoy, arXiv:1210.4696 "Existence of Reissner-Nordstrom type black holes in $f(R)$ gravity". *Int. J. Modern Physics D* 22, 1350057 (2013). ✓
50. Z. Amirabi, M. Halilsoy and **S. Habib Mazharimousavi**, arXiv:1103.3019 "Stable thin-shell wormholes with a Chaplygin gas in Einstein-Maxwell-Gauss-Bonnet gravity". *Phys. Rev. D* 88, 124023 (2013).✓
51. M. Halilsoy, O. Gurtug and **S. Habib Mazharimousavi**, arXiv:1312.5574 , "Rindler Modified Schwarzschild Geodesics". *Gen. Rel. Grav.* 45, 2363 (2013).✓
52. M. Halilsoy and **S. Habib Mazharimousavi**, arXiv:1211.6983 "Unified Bertotti-Robinson and Melvin Spacetimes". *Phys. Rev. D* 88, 064021 (2013).✓
53. **S. Habib Mazharimousavi** and M. Halilsoy, arXiv:1302.2545, "Rindler type acceleration in $f(R)$ gravity" *Mod. Phys. Lett. A*, Vol. 28, No. 17 (2013) 1350073.✓
54. **S. Habib Mazharimousavi**, Ashkan Roozbeh and M. Halilsoy, arXiv:1303.3264, "Electromagnetic wave propagation through inhomogeneous material layers" *Journal of Electromagnetic Waves and Applications*, 27, 2065 (2013).✓
55. **S. Habib Mazharimousavi** and M. Halilsoy, arXiv:1305.2909. "Charge screening by thin-shells in a $2 + 1$ -dimensional regular black hole". *Eur. Phys. J. C* (2013) 73: 2527.✓
56. **S. Habib Mazharimousavi**, M. Halilsoy and Z. Amirabi, arXiv:1403.2861 "Stability of generic cylindrical thin shell wormholes". *Physical Review D* 89, 084003 (2014). ✓
57. M. Halilsoy, A. Ovgun and **S. Habib Mazharimousavi**, arXiv:1312.6665 "Thin-shell wormholes from the regular Hayward black hole". *Eur. Phys. J. C* (2014) 74:2796. ✓
58. O. Gurtug, M. Halilsoy, **S. Habib Mazharimousavi**, arXiv:1312.4453 "Quantum probes of timelike naked singularities in the weak field regime of $f(R)$ global monopole spacetime". *JHEP* 01 (2014) 178. ✓
59. **S. Habib Mazharimousavi**, M. Kerachian, M. Halilsoy, arXiv:1309.4768 "A scan of $f(R)$ models admitting Rindler type acceleration". *Eur. Phys. J. C*, 74 3 (2014) 2795.✓
60. **S. Habib Mazharimousavi**, M. Halilsoy and Ozay Gurtug, arXiv:1304.5206, "A new Einstein-nonlinear electrodynamics solution in $2 + 1$ -dimensions" *Eur. Phys. J. C* 74, 2735 (2014).✓
61. **S. Habib Mazharimousavi**, M. Halilsoy and Z. Amirabi, arXiv:1403.6940 "Microscopic thin shell wormholes in magnetic Melvin universe". *Eur. Phys. J. C* (2014) in press.✓

62. **S. Habib Mazharimousavi** and M. Halilsoy, "Counterrotational effects on stability of 2+1-dimensional thin-shell wormholes" *Eur. Phys. J. C* 74, 3073 (2014).✓
63. **S. Habib Mazharimousavi** and M. Halilsoy, "Flare-out conditions in static thin-shell wormholes" *Phys. Rev. D* 90, 087501 (2014).✓
64. M. Halilsoy, **S. Habib Mazharimousavi**, and Ozay Gurtug, "Emergent cosmological constant from colliding electromagnetic waves" *JCAP* 11, 010 (2014).✓
65. **S. Habib Mazharimousavi** and M. Halilsoy, "Thin-shell wormholes supported by total normal matter" *Eur. Phys. J. C* 74, 3067 (2014).✓
66. **S. Habib Mazharimousavi** and M. Halilsoy, "Einstein-Maxwell gravity coupled to a scalar field in 2+1-dimensions" *Eur. Phys. J. Plus*, 130, 158 (2015).✓
67. **S. Habib Mazharimousavi** and M. Halilsoy "Einstein-Born-Infeld black holes with a scalar hair in three-dimensions" *Mod. Phys. Lett. A*, 30, 1550177 (2015).✓
68. **S. Habib Mazharimousavi**, M. Halilsoy, "2+1-dimensional wormhole from a doublet of scalar fields" *Phys. Rev. D* 92, 024040 (2015).✓
69. **S. Habib Mazharimousavi**, M. Halilsoy, "Screening of the Reissner-Nordström charge by a thin-shell of dust matter" *Eur. Phys. J. C* 75, 334 (2015).✓
70. **S. Habib Mazharimousavi**, M. Halilsoy, "A topological metric in 2+1-dimensions" *Eur. Phys. J. C* 75, 249 (2015).✓
71. **S. Habib Mazharimousavi**, M. Halilsoy, "3+1-dimensional thin-shell wormhole with deformed throat can be supported by normal matter" *Eur. Phys. J. C* 75, 271 (2015).✓
72. **S. Habib Mazharimousavi**, M. Halilsoy, "2+1-dimensional traversable wormholes supported by positive energy" *Eur. Phys. J. C* 75, 81 (2015).✓
73. O. Gurtug, M. Halilsoy and **S. Habib Mazharimousavi**, "Quantum probes of time-like naked singularities in 2+1-dimensional power - law spacetimes" *Advances in High Energy Physics* 2015, 684731 (2015).✓
74. **S. Habib Mazharimousavi**, O. Gurtug, M. Halilsoy, "Modified Rindler acceleration as a nonlinear electromagnetic effect" *Astroparticle Physics* 68, 1 (2015).✓
75. **S. Habib Mazharimousavi**, M. Halilsoy, "Hypocycloidal throat for 2+1-dimensional thin-shell wormholes" *Eur. Phys. J. C* 75, 540 (2015).✓
76. **S. Habib Mazharimousavi**, M. Halilsoy, "Einstein-Born-Infeld black holes with a scalar hair in three dimensions" *Mod. Phys. Lett. A* 30, 1550177 (2015).✓
77. **S. Habib Mazharimousavi** and M. Halilsoy, "Cloud of strings as source in 2 + 1-dimensional $f(R) = R^n$ gravity" *Eur. Phys. J. C* 76, 95 (2016).✓

78. **S. Habib Mazharimousavi** and M. Halilsoy "Revisiting the dyonic Majumdar-Papapetrou black holes" Turk. J. Phys., 40, 163 (2016).✓
79. **S. Habib Mazharimousavi** and M. Halilsoy, "Non-Abelian magnetic black strings versus black holes" Eur. Phys. J. Plus, 131, 138 (2016).✓
80. **S. Habib Mazharimousavi** and M. Halilsoy, "Black holes from multiplets of scalar fields in $2 + 1-$ and $3 + 1-$ dimensions" Eur. Phys. J. C, 76, 458 (2016).✓
81. Z. Amirabi, M. Halilsoy and **S. Habib Mazharimousavi**, "Generation of spherically symmetric metrics in $f(R)$ gravity" Eur. Phys. J. C 76, 338 (2016).✓
82. **S. Habib Mazharimousavi** and M. Halilsoy, "Wormhole solutions in $f(R)$ gravity satisfying energy conditions" Mod. Phys. Lett. A 31, 1650192 (2016).✓
83. **S. Habib Mazharimousavi** and M. Halilsoy, "Necessary conditions for having wormholes in $f(R)$ gravity" Mod. Phys. Lett. A 31, 1650203 (2016).✓
84. **S. Habib Mazharimousavi**, M. Halilsoy and T. Tahamtan, "Colliding plane wave solution in $f(R) = R^N$ gravity" Eur. Phys. J. Plus, 131, 350 (2016).✓
85. **S. Habib Mazharimousavi** and M. Halilsoy, "Black p -Branes versus black holes in non-asymptotically flat Einstein-Yang-Mills theory" Eur. Phys. J. Plus 131, 202 (2016).✓
86. Z. Amirabi, M. Halilsoy and **S. Habib Mazharimousavi**, "Magnetic Morris-Thorne wormhole in $2 + 1-$ dimensions" Gen. Rel. Grav. in 48, 143 (2016).✓
87. **S. Habib Mazharimousavi**, Z. Amirabi and M. Halilsoy, "Thin-shell wormholes in $(2+1)-$ dimensional Einstein-scalar theory" Mod. Phys. Lett. A 32, 1750064 (2017).✓
88. **S. Habib Mazharimousavi**, S. Danial Forghani and S. Niloufar Abtahi, "Generalized Monge gauge" Int. J. Geom. Method Mod. Phys. 14, 1750062 (2017).✓
89. O. Gurtug, **S. Habib Mazharimousavi** and M. Halilsoy, "Classical and quantum analysis of an Einstein-Scalar solution in $2+1$ dimensions" Eur. Phys. J. Plus, 132, 161 (2017).✓
90. **S. Habib Mazharimousavi** and M. Halilsoy, "Morse simulation of the Global Monopole equation in flat spacetime" Int. J. Geom. Method Mod. Phys. in press (2017).✓
91. **S. Habib Mazharimousavi**, M. Halilsoy, S. N. Hamad Amen, "Stability of spherically symmetric timelike thin-shells in general relativity with a variable equation-of-state" Int. J. Mod. Phys. D in press (2017).✓