



## Majid Monemzadeh

Associate Professor

College: faculty of Physics

Department: Elementary Particles and Field Theory  
Physics

### Education

Degree	Graduated in	Major	University
MSc	1997	Physics	Isfahan University of Technology
BSc	2005	Physics	Isfahan University of Technology
Ph.D	2005	Physics	Isfahan University of Technology

### Work Experience

2007 – Present Vice-Chancellor for Research and Technology – University of Kashan – Kashan

2005 – Present Academic Staff – University of Kashan – Kashan

2003/03 – 2007/07 Head of Physics Department – University of Kashan – Kashan

### Papers in Journals

1. سیدمحمد رضا میرعباسی، کاظم بی تقصیر فدافن، مجید منعم زاده، مطالعه تصحیحات بر سرعت صوت صفرم. ۷۷۳، ۱۴۰۱/۱۲/۲۹، شماره صفحات ۲۲، مجلد ۲۲، پژوهش فیزیک ایران، SCOPUS, ISC.
2. Salman Abarghouei Nejad, Mehdi Dehghani, Majid Monemzadeh, Spinning toroidal brane cosmology; A classical and quantum survey, Nuclear Physics B, January 2020.
3. Majid Monemzadeh, Mehdi Dehghani, Salman Abarghouei Nejad, Gauging the Relativistic Particle Model on the Noncommutative Plane, International Journal of Theoretical Physics, April 2017.
4. F. Chezani Sharahi, M. Monemzadeh and A. Abdoli Arani, Bound state energy and wave function of tetraquark  $b\bar{b}\bar{u}d$  from lattice QCD potential, Modern Physics Letters A, 2019.
5. Salman Abarghouei Nejad, Mehdi Dehghani, Majid Monemzadeh, Lagrange multiplier and Wess-Zumino variable as extra dimensions in the torus universe, Journal of High Energy Physics, 2018 01 04.
6. M. Monemzadeh, N. Tazimi, and Sh. Babaghodrat, Calculating Masses of Pentaquarks Composed of

Baryons and Mesons, *Advances in High Energy Physics*, 2016 07 25.

7. Fahimeh Sarvi, Majid Monemzadeh, and Salman Abarghouei Nejad, A Gauged Open 2-Brane String in the p-Brane Background, *Advances in High Energy Physics*, 2016 06 06.

8. Salman Abarghouei Nejad, Majid Monemzadeh, Enhancing Gauge Symmetries Via the Symplectic Embedding Approach, *Distance, Symmetry, and Topology in Carbon Nanomaterials*, 2016.

9. Kh. Bahalke Gharavi, M. Monemzadeh & S. Abarghouei Nejad, Enhancing Gauge Symmetries of Non-Abelian Supersymmetric Chern-Simons Model, *International Journal of Theoretical Physics*, 2016.

10. N. Daneshnia & M. Monemzadeh & A. Ebrahimi, *International Journal of Theoretical Physics, Chinese Journal of Physics*, 2015.

11. M. Monemzadeh, N. Tazimi, P. Sadeghi, Tetraquarks as diquark-antidiquark bound systems, *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, 2015.

12. Mehdi Dehghani, Maryam Mardaani, Majid Monemzadeh and Salman Abarghouei Nejad, *Chinese Journal of Physics, Modern Physics Letters A*, 2015.

13. M. Taie, M. Monemzadeh & B. Khoshnevisan, BFT Embedding and Gauge Symmetries of Graphene System in Non-Commutative Space, *International Journal of Theoretical Physics*, 2015.

14. M. Radin, Sh. Babaghodrat, and M. Monemzadeh, Estimation of heavy baryon masses  $\square ccc++$  and  $\square bbb-$  by solving the Faddeev equation in a three-dimensional approach, *Physical Review D - Particles, Fields, Gravitation and Cosmology*, 2014.

15. Aghileh S. Ebrahimi & Majid Monemzadeh, Mathematical Feature of Gauge Theory, *International Journal of Theoretical Physics*, 2014.

16. M. Monemzadeh, Aghileh S. Ebrahimi, S. Sramadi and M. Dehghani, Gauging of non-Abelian Chern-Simons model, *Physical Review D - Particles, Fields, Gravitation and Cosmology*, 2014.

17. N. Tazimi, M. Monemzadeh & M. R. Hadizadeh, Heavy Mesons Spectroscopy, *International Journal of Theoretical Physics*, 2013.

18. M. MONEMZADEH and AGHILEH S. EBRAHIMI, Embedding of noncommutative massive QED, *Modern Physics Letters A*, 2012.

19. N. Tazimi, M. Monemzadeh & M. R. Hadizadeh, Description of Heavy Quark MS Mass by Lippmann-Schwinger Equation, *International Journal of Theoretical Physics*, 2012.

20. M. MONEMZADEH, V. NIKOOFARD and R. RAMEZANI, & ARANI, Hamiltonian embedding of Einstein-Hilbert action in (1+1) dimensions, *Modern Physics Letters A*, 2011.

21. M. MONEMZADEH and M. TAKI, Hamiltonian embedding of noncommutative D-brane system, *International Journal of Modern Physics A*, 2011.

22. M. Monemzadeh, M. Hadizadeh & N. Tazimi, Identification of the Mass and Stability Interval of Strong Potential in Heavy Mesons, *International Journal of Theoretical Physics*, 2011.

23. B. Jazi, A. Abdoli, Arani, Z. Rahmani, M. Monemzadeh & R. Ramezani, Arani, Propagation of electromagnetic waves in elliptical waveguides made of materials with anisotropic Hermitian dielectric tensors, *Waves in Random and Complex Media*, 2011.

24. Monemzadeh Majid, Nikoofard Vahid and Taki Mehran, Finite order Batalin-Fradkin-Tyutin method for chiral bosons in non-commutative space, *Communications in Theoretical Physics*, 2010.

25. B. Jazi, A. Abdoli, Arani, Z. Rahmani, R. Ramezani, Arani, M. Monemzadeh, The dielectric tensor and field equations in the inhomogeneous cold collisionless magnetized drift plasmas with elliptical cross sections, *Physics Letters, Section A: General, Atomic and Solid State Physics*, 2010.

26. Fatemeh Davar, Masoud Salavati, & Niasari, Noshin Mir, Kamal Saberyan, Majid Monemzadeh, Eshagh Ahmadi, Thermal decomposition route for synthesis of Mn<sub>3</sub>O<sub>4</sub> nanoparticles in presence of a novel precursor, *Polyhedron*, 2010.

27. Masoud Salavati, & Niasari, Fatemeh Mohandes, Fatemeh Davara, Mehdi Mazaheri, Majid Monemzadeh, Nooshin Yavarinia, Preparation of NiO nanoparticles from metal-organic frameworks via a solid-state decomposition route, *Inorganica Chimica Acta*, 2009.

28. Bahram Jazi, Monemzadeh R. Ramezani, & Arani, The theoretical simulation of fabry-perot interferometer with a cold collisionless plasma layer, *Journal of Infrared, Millimeter, and Terahertz*

Waves,2009.

29. M. Monemzadeh and A . Shirzad,Batalin-Fradkin-Tyutin method for mixed constrained systems and Chern-Simons theory,Physical Review D - Particles, Fields, Gravitation and Cosmology,2005.

30. M. Monemzadeh, A. Shirzad,The BFT method with chain structure,Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics,2004.

31. M. MONEMZADEH and A. SHIRZAD,Finite order BFFT method,International Journal of Modern Physics A,2003.