

Mehdi Golshani

Born: Isfahan, Iran in 1939

Education:

Bachelor (Physics) from Tehran University in 1959

PhD from University of California, Berkeley in 1969

Workspace:

The Founder and Chairman of the Faculty of Philosophy of Science at Sharif University of Technology in 1995

The Director of Institute of Humanities and Cultural Studies at Tehran, Iran in 1993

A Professor at Physics Department of Sharif University of Technology

A Senior Fellow of School of Physics at Institute for Studies in Theoretical Physics and Mathematics

A Member of American Association of Physics Teachers and Center for Theology and Natural Sciences

A Senior Associate of International Center for Theoretical Physics at Trieste, Italy in 1990

A Member of Philosophy of Science Association at Michigan, United States

A Fellow of Islamic World Academy of Sciences IAS.

Publications:

Articles:

1. **Title:** On The Geometrization of Bohmian Mechanics: A New Approach to Quantum Gravity
Detail of journal: International Journal of Modern Physics A Vol 13, No 4 Pages 677-693
Web link: <https://doi.org/10.1142/S0217751X98000305>
Published Year: 1998
Author: Mehdi Golshani and Fatimah Shojai
2. **Title:** How to Make Sense of Islamic Science
Detail of journal: American Journal of Islamic Social Sciences Vol 17, Issue 3
Author: Mehdi Golshani
3. **Title:** Conformal Transformations and Quantum Gravity
Detail of journal: Modern Physics Letter A Vol 13, No 34 Pages 2725-2729
Web link: <https://doi.org/10.1142/S0217732398002898>
Published year: 1998
Author: Fatimah Shojai, Ali Shojai, Mehdi Golshani
4. **Title:** Scalar-Tensor Theories and Quantum Gravity
Detail of Journal: Modern Physics Letters A Vol 13, No 36 Pages 2915-2922
Web link: <https://doi.org/10.1142/S0217732398003090>
Published year: 1998
Author: Fatimah Shojai, Ali Shojai, Mehdi Golshani

5. **Title:** Nonlocal Effects In Quantum Gravity
Detail of journal: Modern Physics Letters A Vol 13, No 37 Pages 2965-2969
Web link: <https://doi.org/10.1142/S0217732398003144>
Published year: 1998
Author: Fatimah Shojai, Ali Shojai, Mehdi Golshani
6. **Title:** On the General Covariance in Bohmian Quantum Gravity
Detail of journal: International Journal of Modern Physics A Vol 14, No 13 Pages 2135-2144
Web link: <https://doi.org/10.1142/S0217751X98000950>
Author: Fatimah Shojai and Mehdi Golshani
7. **Title:** Islam and the Sciences of Nature: Some Fundamental Questions
Detail of journal: Islamic Studies Vol 39, no 4, Issue: Islam and Science pages 597-611
Author: Mehdi Golshani
Publisher: Islamic Research Institute, International Islamic University, Islamabad
8. **Title:** On Variational Principle and Canonical Structure of Gravitational Theory in Double-Foliation Formalism
Detail of Journal: Classical and Quantum Gravity, Vol 36, No 1
Published Year: 2018
Author: Sajad Aghapour, Ghadir Jafari, Mehdi Golshani
Publisher: Publishing Ltd
9. **Title:** A Quasi-Newtonian Approach to Bohmian Mechanics I: Quantum Potential
Detail of Journal: Annales de la Fondation Louis de Broglie, Vol 34, No 1
Author: Mahdi Atiq, Mozafar Karamian and Mehdi Golshani
10. **Title:** Comment on “A Religiously Partisan Science? Islamic and Christian Perspectives”
Detail of Journal: Theology and Science, Vol 3, No 1, Pages 88-91
Published year: 2007
Author: Mehdi Golshani
11. **Title:** Values and Ethical Issues in Science and Technology: A Muslim Perspective
Detail of Journal: Islamic Studies, Vol 42, No 2 Pages 317-330
Author: Mehdi Golshani
Publisher: Islamic Research Institute, International Islamic University, Islamabad
12. **Title:** Conformal Invariance and Wave-Particle Duality
Detail of Journal: Modern Physics Letters A Vol 14, No 36 Pages 2481-2485
Author: H. Motavali, H. Salehi and Mehdi Golshani
13. **Title:** Mutahhari’s Encounter with Modern Science
Detail of Journal: Islamic Studies vol 43, No 2 Pages 293-303
Author: Mehdi Golshani
Publisher: Islamic Research Institute, International Islamic University, Islamabad
14. **Title:** Some Important Questions Concerning the Relationship Between Science and Religion
Detail of Journal: Islam and Science, Vol 3, Issue 1
Author: Mehdi Golshani
Publisher: Center for Islam & Science
15. **Title:** Gravitational Reduction of the Wave Function Based on Bohmian Quantum Potential
Detail of Journal: International Journal of Modern Physics A, Vol 33, No 2

Web link: <https://doi.org/10.1142/S0217751X18501294>

Author: Faramarz Rahmani, Mehdi Golshani and Ghadir Jafari

16. **Title:** Complete Correlation, Detection Loophole and Bell's Theorem
Detail of Journal: Fortschritte der Physik, Vol 53, Issue 1
Web link: <https://doi.org/10.1002/prop.200410191>
Author: Mehdi Golshani
17. **Title:** Classicalization of Quantum State of Detector by Amplification Process
Detail of Journal: Physics Letters A, Vol 383, Issue 15, Pages 1677-1682
Web link: <https://doi.org/10.1016/j.physleta.2019.02.039>
Author: Arash Tirandaz, Farhad Taher, Ali Asadian, Mehdi Golshani
18. **Title:** Islam Can Give a Proper Orientation to Science and Technology Development
Detail of Journal: Islamic Perspectives on Science and Technology, Pages 119-130
Author: Mehdi Golshani
19. **Title:** From Knowledge to Wisdom: A Quranic Perspective
Detail of journal: Islamic Studies Vol 44, No 1, Pages 5-14
Publisher: Islamic Research Institute, International Islamic University, Islamabad
20. **Title:** Bell's Theorem and Chemical Potential
Detail of Journal: Journal of Physics A: Mathematical and General, Vol 35, No 40
Published Year: 2002
Author: A Shafiee, M Golshani and M G Mahjani
21. **Title:** On the Relevance of Fair Sampling Assumption in the Recent Bell Photonic Experiments
Detail of Journal: Journal of Modern Optics, Vol 52, Issue 10, pages 1405-1414
Published year: 2006
Author: A Shafiee and Mehdi Golshani
22. **Title:** Ramsey Interferometers as a Test of Open System Evolution or a Modified Quantum-mechanical Model
Detail of Journal: The European Physical Journal Plus, Vol 134, No 327
Author: Abasalt Rostami, Javad T. Firouzjaee and Mehdi Golshani
23. **Title:** Science Needs A Comprehensive Worldview
Detail of Journal: Journal Theology and Science, Vol 18, Issue 3, Pages 438-447
Published Year: 2020
Author: Mehdi Golshani
24. **Title:** Scientific Prediction of Our Universe Fate and Divine Purpose
Detail of Journal: Theology and Science, Vol 17, Issue 4, Pages 444-454
Published Year: 2019
Author: Mahmoud Mokhtari and Mehdi Golshani
25. **Title:** Fifteen Years of Islam & Science / Islamic Sciences
Detail of Journal: Islamic Sciences, Vol 15, Issue 2, Pages 156-181
Author: Mehdi Golshani
26. **Title:** Excitation of Highly Ionized Atoms by Electron Impact
Detail of Journal: Physical Review A, Vol 2, No 2340
Published Year: 1970
Author: Mehdi Golshani

27. **Title:** Some clarifications about the Bohmian geodesic deviation equation and Raychaudhuri's equation
Detail of Journal: International Journal of Modern Physics A, Vol 33, No 3
Author: Faramarz Rahmani and Mehdi Golshani
28. **Title:** A Critical Review of Sharif and Pitt's Models of Technology
Detail of Journal: Behbood Modiri, Vol 6, No 2, Pages 100-115
Author: Taghavi Mostafa, Mehdi Golshani