



Hasan Arianpoor

Assistant Professor

College: Mathematics

Education

Degree	Graduated in	Major	University
Doctoral	(not set)	Mathematics	
BSc	2001	B.Sc. in Pure Mathematics	Isfahan University of Technology, Isfahan, Iran
MSc	2003	M.Sc. in Pure Mathematics (Geometry)	Tarbiat Modares University, Tehran, Iran
Doctoral	2011	Ph.D. in Pure Mathematics (Noncommutative Geometry)	Shahid Beheshti University, Tehran, Iran

Employment Information

Faculty/Department	Position/Rank	Employment Type	Cooperation Type	Grade
Tafresh University	Assistant Professor	Tenure Track	Full Time	9

Subjects Taught

1. General Mathematics
2. Differential Geometry
3. Topology
4. Noncommutative Geometry
5. Operator Theory

Papers in Conferences

1. thحسن آریانیپور، صفر محمدی، مطالعه دستگاههای دینامیکی به روش نگاشت پوانکاره از مراتب بالاتر، ۱۳ International Seminar on Differential Equations, Dynamical Systems and Applications, Isfahan University of Technology, Isfahan, July ۲۰۱۶.
2. H. Arianpoor, star-Calculus on Quantized Coordinate Space, 2nd National Conference on Mathematics and its Applications, University of Malaya, June, 2015.
3. H. Arianpoor, A Pseudo Invariant First Order Differential Calculus on Deformed N-Space, CIMPA-UNESCO-MICINN-THAILAND School, Workshop on Spectral Triples and Applications, Chulalongkorn Univer, June, 2011.
4. H. Arianpoor, The Study of Quantum Principal Bundles on Some Quantum Spaces, Summer School on Noncommutative Geometry, Isfahan University o, June, 2008.
5. H. Arianpoor, Cohomology of Hom-Gerstenhaber algebra, The 9th Seminar on Geometry and Topology, University of Maragheh, Maragheh, July, 2017.
6. H. Arianpoor, Integrable Dirac Structures on Lie algebroids, 8th International Seminar on Geometry and Topology, Amirkabir University, December, 2015.
7. H. Arianpoor, (Non) linear Connections on Lie Algebroid Tangent Bundles, 47th Annual Iranian Mathematical Conference, Kharazmi University, Karaj, Aug. 2016.
8. H. Arianpoor, Hom-Lie algebroids associated to Hom-Poisson manifolds, The 48th Annual Iranian Mathematical Conference, Bu Ali Sina University, Hamedan, Aug., 2017.

Papers in Journals

1. Amene Alidadi, Ali Parsian, Hassan Arianpoor, The Minimum Sombor Index for Unicyclic Graphs with Fixed Diameter, MATCH Communications in Mathematical and in Computer Chemistry, Vol. 88, No. 3, pp. 561-572, 2022 4 29, 0340-6253.
2. حسن آریانیپور، درباره فضاهای انژکتیو تعمیم یافته در توپولوژیهای تعمیم یافته، پژوهشهای نوین در ریاضی، مجلد ۳، شماره ۱۲، شماره صفحات ۱۵-۲۰۱۷، ۲۴.
3. H. Arianpoor, On The Lattice of Principal Generalized Topologies, Periodica Mathematica Hungarica, Vol. 78, No. 1, pp. 79-87, 2019.
4. H. Barzegar, H. Arianpoor, On baer type criterion for C-dense, C-closed and quasi injectivity, Journal of Linear and Topological Algebra, Vol. 5, No. 2, pp. 105-109, 2016.
5. H. Arianpoor, Preorder Relators and Generalized Topology, Journal of Linear and Topological Algebra, Vol. 5, No. 4, pp. 271-277, 2016.
6. H. Arianpoor and V. Milani, A star-Differential Calculus on Functionally Quantized N-Space, Journal of Advanced Research in Pure Mathematics (JARPM), 2012, نمایه.
7. V. Milani, S.M.H. Mansourbeigi and H. Arianpoor, The Space of Integrable Dirac Structures on Hilbert C-Modules, Mathematics ArXiv, 2010, نمایه.

Thesis

1. Differential Calculus and Linear Connections on Almost Commutative Algebras
2. The Category of Rough Sets
3. Cohomology Theory for Representations of Hom-lie Algebras
4. Dirac-Nijenhuis Structures on Lie Algebroids
5. Differential calculus and Connection on Lie Algebroids
6. The Method of High Order Poicare Map for Analysis of Linear and Non Linear Dynamical Systems
7. Study of nonlinear dynamics and its applications