

# Maysam Maysami Sadr

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## Publications

### Journals

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- Sadr, Maysam Maysami, "A modification of Hardy-Littlewood maximal-function on Lie groups", arXiv preprint arXiv:2301.07075, 2023
- Sadr, Maysam Maysami and Shahrestani, Mina, "Topological entropy for arbitrary subsets of infinite product spaces", Journal of Dynamical and Control Systems, Vol. 51, NO. 1, 2022
- Sadr, Maysam Maysami, "On Contractible Banach Algebras of Operators", arXiv preprint arXiv:2211.03493, 2022
- Sadr, Maysam Maysami, "A note on the best approximation in spaces of affine functions", Mathematical Analysis and Convex Optimization, Vol. 3, NO. 3, 2022
- Sadr, Maysam Maysami and Shahrestani, Mina, "A Notion of Entropy for Stochastic Processes", arXiv preprint arXiv:2110.01541, 2021
- Sadr, Maysam Maysami and Ganji, Monireh Barzegar, "Random Quantum Maps and Their Associated Quantum Markov Chains", arXiv preprint arXiv:2109.11529, 2021
- Sadr, Maysam Maysami and Amnieh, Danial Bouzarjomehri, "On the Differential Geometry of Some Classes of Infinite Dimensional Manifolds", arXiv preprint arXiv:2111.09646, 2021



- Sadr, Maysam Maysami, "On the Stability of First Order PDEs Associated to Vector Fields", *Differential Equations and Dynamical Systems*, Vol. 29, NO. 2, 2021
- Sadr, Maysam Maysami and Barzegar Ganji, Monireh, "Abstract Hardy--Littlewood Maximal Inequality", *Iranian Journal of Science and Technology, Transactions A: Science*, Vol. 45, NO. 5, 2021
- Sadr, Maysam Maysami, "Mathematical Theory of Probability and Foundations of Quantum Mechanics (in Persian)", *Farhang o Andisheh Riazhi*, Vol. 39, NO. 67, 2021
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- Sadr, Maysam Maysami, "Path-Connected Components of Affine Schemes and Algebraic K-Theory", arXiv preprint arXiv:1911.04204, 2019
- Sadr, Maysam Maysami, "Some Inequalities for Continuous Algebra-Multiplications on a Banach Space", arXiv preprint arXiv:1907.10042, 2019
- Sadr, Maysam Maysami, "Pseudo-amenability of Brandt semigroup algebras", *Commentationes Mathematicae Universitatis Carolinae*, Vol. 50, NO. 3, 2019
- Sadr, Maysam Maysami and Amnieh, Danial Bouzarjomehri, "On the Cohomology of Topological Semigroups", *Communications in Advanced Mathematical Sciences*, Vol. 2, NO. 3, 2018



- Sadr, Maysam Maysami, "Quantum metric spaces of quantum maps", *Universal Journal of Mathematics and Applications*, Vol. 1, NO. 1, 2018
- Sadr, Maysam Maysami, "Quantum metrics on noncommutative spaces", *Fundamental Journal of Mathematics and Applications*, Vol. 1, NO. 1, 2018
- Sadr, Maysam Maysami, "Vietoris topology on hyperspaces associated to a noncommutative compact space", *Mathematica*, Vol. 60, NO. 1, 2018
- Sadr, Maysam Maysami, "A class of Banach algebras of generalized matrices", *Functional Analysis and Its Applications*, Vol. 51, NO. 1, 2017
- Sadr, Maysam Maysami, "Decomposition of functions between Banach spaces in the orthogonality equation", *Aequationes mathematicae*, Vol. 91, NO. 1, 2017
- Sadr, Maysam Maysami, "Stability of additive functional equation on discrete quantum semigroups", *Sahand Communications in Mathematical Analysis*, Vol. 8, NO. 1, 2017
- Sadr, Maysam Maysami, "On the quantum groups and semigroups of maps between noncommutative spaces", *Czechoslovak Mathematical Journal*, Vol. 67, NO. 1, 2017
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- Sadr, Maysam Maysami, "A kind of compact quantum semigroups", *International Journal of Mathematics and Mathematical Sciences*, Vol. 2012, NO. 3, 2012
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- Sadr, Maysam Maysami, "Quantum Functor \$ Mor\$", *Mathematica Pannonica*, Vol. 21, NO. 1, 2010
- Sadr, Maysam Maysami and Pourabbas, Abdolrasoul, "Johnson amenability for topological semigroups", *International Journal of Mathematics and Mathematical Sciences*, Vol. 2012, NO. 3, 2010
- Sadr, M Maysami and Pourabbas, A, "Approximate amenability of Banach category algebras with application to semigroup algebras", *Semigroup Forum*, 2009