

Publications list

Bohdan Feshchenko

Tuesday 10th August, 2021

- [1] Максименко С. И., Фещенко Б. Г. Гомотопические свойства пространств гладких функций на 2-торе. *Український математичний журнал*, 66(9), 1205–1212, 2014.
English translation: Sergiy Maksymenko, Bogdan Feshchenko. Homotopy properties of spaces of smooth functions on 2-torus. *Ukrainian Mathematical Journal*, 66(9), 1205–1212, 2014. [arXiv:1401.2296](#)
- [2] Sergiy Maksymenko and Bohdan Feshchenko. Orbits of smooth functions on 2-torus and their homotopy types. *Matematychni Studii*, 44(1), 67–83, 2015. [arXiv:1409.0502](#)
- [3] Sergiy Maksymenko and Bohdan Feshchenko. Smooth functions on 2-torus whose Kronrod-Reeb graph contains a cycle. *Methods of Functional Analysis and Topology*, 21(1), 22–40, 2015. [arXiv:1411.6863](#)
- [4] Bohdan Feshchenko. Деформації гладких функцій на 2-торі, граф Кронрода-Ріба яких є деревом. *Праці Інституту математики НАН України*, 12(6), 22–40, 2015.
English translation: Bohdan Feshchenko. Deformations of smooth function on 2-torus whose KR-graph is a tree. *Proceedings of National Academy of Sciences of Ukraine*, 12(6), 22–40, 2015. [arXiv:1804.08966](#)
- [5] Bohdan Feshchenko. Actions of finite groups and smooth functions on surfaces. *Methods of Functional Analysis and Topology*, 22(3), 210–219, 2016. [arXiv:1610.01219](#)
- [6] Bohdan Feshchenko. Deformations of smooth functions on 2-torus. *Proceedings of the International Geometry Center*, 12(3), 30–50, 2019. [arXiv:1903.01753](#)
- [7] Anna Kravchenko and Bohdan Feshchenko. Automorphisms of Kronrod-Reeb graphs of Morse functions on 2-torus. *Methods of Functional Analysis and Topology*, 26(1), 88–96, 2020. [arXiv:1912.00624](#)
- [8] Bohdan Feshchenko. Deformations of circle-valued functions on 2-torus. *Proceedings of the International Geometry Center* (to appear), 2021. [arXiv:2104.06151](#)