

**Публикациите на Михаил Школников  
за участие в конкурса за академична длъжност „доцент“:**

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12. Shkolnikov, Mikhail. "Relaxation in one-dimensional tropical sandpile." *Communications in Mathematics* 31 (2023): no. 3, 21–31.
11. Mikhalkin, Grigory, and Mikhail Shkolnikov. "Non-commutative amoebas." *Bulletin of the London Mathematical Society* 54.2 (2022): 335-368.
10. Lang, Moritz, and Mikhail Shkolnikov. "Sandpile monomorphisms and limits." *Comptes Rendus Mathématique* 360.G4 (2022): 333-341.
9. Kalinin, Nikita, and Mikhail Shkolnikov. "Sandpile solitons via smoothing of superharmonic functions." *Communications in Mathematical Physics* 378.3 (2020): 1649-1675.
8. Lang, Moritz, and Mikhail Shkolnikov. "Harmonic dynamics of the abelian sandpile." *Proceedings of the National Academy of Sciences of the United States of America* 116.8 (2019): 2821-2830.
7. Kalinin, Nikita, and Mikhail Shkolnikov. "Tropical formulae for summation over a part of  $SL(2, \mathbb{Z})$ ." *European Journal of Mathematics* 5.3 (2019): 909-928.
6. Yakaboylu, Enderalp, Mikhail Shkolnikov, and Mikhail Lemeshko. "Quantum groups as hidden symmetries of quantum impurities." *Physical Review Letters* 121.25 (2018): 255302.
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2. Duzhin, Sergei, and Mikhail Shkolnikov. "A formula for the HOMFLY polynomial of rational links." *Arnold Mathematical Journal* 1.4 (2015): 345-359.
1. Duzhin, Sergei, and Mikhail Shkolnikov. "Bipartite knots." *Fundamenta Mathematicae* 225.1 (2014): 95-102.