Leonid Petrov. Publication List

Preprints (*), accepted, or published works

- [38] (*) (with Amol Aggarwal, Alexei Borodin, and Michael Wheeler) *Free Fermion Six Vertex Model: Symmetric Functions and Random Domino Tilings*, arXiv:2109.06718 [math.PR].
- [37] Refined Cauchy identity for spin Hall-Littlewood symmetric rational functions, arXiv:2007.10886 [math.CO]. **Journal of Combinatorial Theory Ser. A**, to appear. PDF link
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- [35] (with Mikhail Tikhonov) Parameter symmetry in perturbed GUE corners process and reflected drifted Brownian motions, arXiv:1912.08671 [math.PR]. Journal of Statistical Physics, 181 (2020), 1996–2010. PDF link
- [34] *Parameter permutation symmetry in particle systems and random polymers*, arXiv:1912.06067 [math.PR]. **SIGMA**, 17 (2021), 021, 34 pages. PDF link
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- [24] (with Alexei Borodin) *Inhomogeneous exponential jump model*, **Probab. Th. Rel. Fields.** 172 (2018), 323-385, arXiv:1703.03857 [math.PR]. PDF link
- [23] (with Daniel Orr) Stochastic higher spin six vertex model and q-TASEPs, Adv. Math. 317 (2017), 473-525, arXiv:1610.10080 [math.PR]. PDF link
- [22] (with Vadim Gorin) *Universality of local statistics for noncolliding random walks*, **Ann. Probab.** (2019), Vol. 47, No. 5, 2686-2753, arXiv:1608.03243 [math.PR]. PDF link
- [21] (with Alexei Borodin) *Lectures on Integrable probability: Stochastic vertex models and symmetric functions* (2016), arXiv:1605.01349 [math.PR]. **Lecture Notes of the Les Houches Summer School**, Volume 104, July 2015. PDF link
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Other works

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