Curriculum Vitae

Ivan Novikov

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Education

- 2021–...: PhD in Mathematics, Université Paris-Dauphine;

- 2020–2021: M.Sc. in Optimization, Université Paris-Saclay;

- 2016–2020: B.Sc. in Mathematics, National Research University Higher School of Economics (Moscow).

Publications

- *Percolation of three fluids on a honeycomb lattice*, Monatsh Math 199, 611-626 (2022). `https://doi.org/10.1007/s00605-022-01753-7`;

- *Feynman checkers: the probability to find an electron vanishes nowhere inside the light cone*, Reviews Math Physics 34:07, 2250020 (2022). `https://doi.org/10.1142/S0129055X22500209`;

- *Cutting Polygons Composed of Equal Rectangles into Similar Rectangles.* Math Notes 110, 726–731 (2021). `https://doi.org/10.1134/S0001434621110092`.

Preprints, submitted, or work in progress

- *Zero-Sum Repeated Games with Stage Duration and Public Signals.* Work in progress.

Conference Talks

- The 2023 Alpine Game Theory Symposium, Grenoble, 26/06/2023 – 30/06/2023, lightning talk + poster presentation.

Seminar Talks

- Combinatorial and number-theoretic problems on lattices, Higher School of Economics, Moscow (participated online), 16/02/2023;

- I.Kh. Sabitov's Seminar, Moscow State University, Moscow, 25/10/2019.

Scholarships

- 2020-2021: Sophie Germain Master's Scholarship (FMJH).

Skills

Computer skills: C++, Python, Wolfram Mathematica, Matlab;
Language skills: English (fluent), French (fluent), Russian (mother tongue).