

Two lectures on random thoughts about random functions

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19-20 апреля, 15:00

The lectures will be independent from each other. They will present recent results and open questions, and will not require an advanced background either in analysis, or in probability theory.

Lecture 1: Spectral measures of finitely-valued stationary processes and asymptotic behaviour of Taylor series with correlated coefficients

(joint works with Alexander Borichev, Alon Nishry and Benjy Weiss, <https://arxiv.org/abs/1409.2736> , <https://arxiv.org/abs/1701.03407>)

Lecture 2: How many real zeroes has a random polynomial of large degree?
- from Mark Kac, John Edensor Littlewood and Cyril Offord to Ken Soze

(<https://arxiv.org/abs/1601.04850> , <https://arxiv.org/abs/1601.04858>)