



Seminar/Talk

Bulk universality for sparse complex matrices

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Host: Laszlo Erdős & Jan Maas

We consider large random matrices with independent complex entries whose moments decay slowly in the dimension. In particular, this model contains sparse matrices whose entries are the product of a Bernoulli random variable and an independent complex random variable. We show that the local eigenvalue statistics in the bulk are universal, based on a multi-resolvent local law.

Monday, December 1, 2025 04:00pm - 05:00pm

Central Bldg / O1 / Mondi 2a (I01.O1.008)



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