Seminar/Talk

On the local circular law for non-Hermitian random matrices and products of non-Hermitian matrices

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Host: Laszlo Erdös

We prove a local version of the circular law for non-hermitian random matrices and products of independent non-Hermitian matrices under weak moment conditions. Our results generalise recent results of P. Bourgade, H.-T. Yau, J. Yin and Y. Nemish. We apply Stein's method and some new ideas which help to simplify the proof of the local laws. The talk will be based on joint results with F. Goetze and A. Naumov.

Thursday, March 30, 2017 04:00pm - 04:45pm

Seminar room Big Ground floor / Office Bldg West (I21.EG.101)

This invitation is valid as a ticket for the ISTA Shuttle from and to Heiligenstadt Station. Please find a schedule of the ISTA Shuttle on our webpage: https://ista.ac.at/en/campus/how-to-get-here/ The ISTA Shuttle bus is marked ISTA Shuttle (#142) and has the Institute Logo printed on the side.