Seminar/Talk

GeomTop Seminar: talk by Mehdi Makhul

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Host: Uli Wagner

We study the probability for a random line to intersect a givenplane curve, defined over a finite field, in a given number of pointsdefined over the same field. In particular, we focus on the limits ofthese probabilities under successive finite field extensions. Veronesemaps allow us to compute similar probabilities of intersection between agiven curve and random curves of given degree. Finally, we use Bertini'sTheorem to compute the probability that a random linear subspace of theright dimension intersects X in a given number of points.

Wednesday, November 14, 2018 01:00pm - 02:15pm
Mondi Seminar Room 3, Central Building

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.