



ODTU-Bilkent Algebraic Geometry

Amoeba measures of random complex plane curves

By

Jean-Yves Welschinger
(Lyon)

Abstract: I will estimate the asymptotic behavior of the expected measure of the amoeba of complex plane curves. Given a collection of complex bidisks of size inverse to the square root of the degree, it involves a lower estimate of the probability that one of these bidisk be a submanifold chart of a complex plane curve. This is a joint work with Ali Ulaş Özgür Kişisel.

Date: 18 April 2025, Friday

Time: 15:40 (GMT+3)

Place: Zoom

This is an online seminar. To request the Zoom link, please send a message to sertoz@bilkent.edu.tr