The Hong Kong University of Science and Technology

Department of Mathematics

Seminar on Probability

Gaussian Approximation of the Distribution of Strongly Repelling Particles on the Unit Circle

by

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Abstract

In this talk, we will consider an interacting particle system on the unit circle with stronger repelling than that of Circular beta ensemble. I will prove the Gaussian approximation of the distribution of the particles in this model. This is joint work with Alexander Soshnikov.

Date: Tuesday, 20 August 2019

Time: 4:00p.m. - 5:00p.m.

Venue: Room 4472, Academic Building, (near Lifts 25-26), HKUST

All are welcome!