

THE LOGARITHMIC CHRISTOFFEL-MINKOWSKI PROBLEM

Speaker: Qiang Sun
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Time: Tue, Jun 30th, 14:00 - 14:30

Venue: Room 106, SCMS

Abstract:

The Minkowski problem is a cornerstone of convex geometry and is the problem of characterizing geometric measures. In this talk, we focus on the logarithmic Christoffel-Minkowski problem. We will first survey recent progress on this problem. Then we will present our new results: a solution to the logarithmic Christoffel problem for polytopes, and a solution to the logarithmic Minkowski problem for frustums in \mathbb{R}^n .