

Working Seminar on Integral Geometry

Date: October 29 (Fri) 10:30–12:00

Place: RIMS Room 402

Speaker: Bernhard Krötz (RIMS)

Title: Working Seminar on Integral Geometry 4

Abstract:

In this session we will complete our discussion for compact symmetric spaces. We define the horospherical Cauchy transform and explain the geometry of the underlying double fibration. We shall introduce the inverse transform and prove a geometric inversion formula. As usual, the story is rounded up with our favorite example of the sphere.

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