

Working Seminar on Integral Geometry

Date: December 17 (Fri) 10:30–12:00

Place: RIMS Room 402

Speaker: Bernhard Krötz (RIMS)

Title: Working Seminar on Integral Geometry 9

Abstract:

We will discuss the duality between horospheres and horocycles on $G_{\mathbb{C}} = \mathrm{Sl}(2, \mathbb{C})$, both from a structural and geometrical point of view. After that we will describe $G_{\mathbb{R}} \times G_{\mathbb{R}}$ -invariant domains in $G_{\mathbb{C}}$ and explain some of their basic geometry.

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