

REPRESENTATION OF BINARY QUADRATIC FORMS BY QUATERNARY QUADRATIC FORMS

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Time: Wed, March. 18th, 14:30

Venue: Room 102, SCMS

Abstract:

We discuss the local-global principle of representation of integral binary quadratic forms by quaternary quadratic forms. Our approach is ergodic theoretic, and measure rigidity theorems in homogeneous dynamics play a key role. The talk is based on a joint work in progress with Wooyeon Kim and Andreas Wieser.