

Frankfurter Seminar

Kolloquium des Instituts für Mathematik

Wintersemester 2026/27

Frankfurter Seminar, 18. November 2026, 16:45 Uhr

Shiri Artstein-Avidan (Tel Aviv University)

A Duality Inspired Journey in Convex Geometric Analysis

We will explore the field of convex geometric analysis through the prism of duality theory.

We discuss the theoretical basis of, and the motivation for, studying order reversing involutions. We investigate different dualities which share some basic structure. Several classical and new examples will be given.

As a testing ground for these dualities, we use the Blaschke–Santaló inequality and its variants.

Tee ab 16:15 Uhr

Robert-Mayer-Straße 10 | Raum 711

Ginkgo-Seminar 15:15 - 16:00 Uhr

Lorenzo Baldi, Convex bodies: polarity, volumes, and inequalities

Teilnahme nur für Studierende, Promovierende und Postdocs

Tee 16:15 - 16:45 Uhr

