MATHEMATICS DEPARTMENT SEMINAR

Points, Partitions and Lattices

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2:00 PM TO 3:00 PM | Wednesday, November 18, 2026 | Science III, Room 123

Abstract

Something as simple as a set of points can hide surprising structure, if we ask the right questions. In this talk we review classical results about points, such as the Erdős–Szekeres “happy ending” theorem, the crossing number problem, and the theorems of Radon and Tverberg. We discuss the structure behind them and some recent advances, as well as new problems, such as Radon and Tverberg theorems for lattice points and a lattice version of Borsuk’s problem.

STUDENTS ARE WELCOME!