Graduate Seminar

Speaker

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1pm, HH-3017

Valuations theory on function spaces

Abstract:
The theory of valuations is a fundamental tool in convex geometry and we can see it as a generalization of the concept of measure. First we present briefly the definition and the main characterization theorems for valuations on convex bodies, i.e. compact and convex subsets of R^n. Then we focus on the extension of these results to valuations defined on function spaces, in particular quasi-concave functions.