

המחלקה למתמטיקה, בן-גוריון

קולוקוויום

ביום שלישי, 28 במרץ, 2017

בשעה 14:30 – 15:30

ב-101 Math

ההרצאה

Convex in Relations Operator Fundamental Some Analysis Classical and Geometry

חינתן על-ידי

University) Aviv (Tel Milman Vitali

תקציר: The main goal of this talk is to show how some classical constructions and elementary functions in Analysis and Geometry (and appear in unique way) support and relation polarity the example, For simple very properties. Convex in Geometry, Convex in constructions known well and important very are functional their to lead and constructions, these imply uniquely properties elementary are they that out turns It functions. log-concave of class the in say, versions, functions. of classes other many for as well as class, this for also defined uniquely main the to introduction an as results Geometric these use will we talk this In Analysis the start will We Analysis. in results analogous the involves which topic as, \mathbb{R}^n) in class Schwartz the (on transform Fourier the characterizing by part and convolution, the to product the transforms which map only the essentially,

(which equation Operator Rule Chain the of rigidity surprising very a discuss
pointing examples more be will There operation). derivation the characterizes
Analysis. in direction this of continuation exciting an to
Artstein- Shiri with work joint mostly are part geometric the of results The
Hermann with work joint mostly are part, Analysis second, the of and Avidan,
Koenig.
students. graduate for accessible easily be will talk The