

המחלקה למתמטיקה, בן-גוריון

קולוקוויום

ביום שלישי, 17 ביוני, 2025

בשעה 14:30 – 15:30

ב-101 Math

ההרצאה

persistence and Bézout Courant,

תינתן על-ידי

(TAU) Buhovski Lev

תקציר: It is possible to measure the oscillations of functions by means of Sobolev norms. I will explain how persistence modules and barcodes will explain the theory of generalizations. Applications include measurements of control. Such control can be based on the theorem of Bézout and the theorem of Courant nodal domain. The theorem of Shelukhin, Egor Polterovich, Leonid Polterovich, Iosfi Payette, Jordan with works joint and Logunov Aleksandr with work joint a on and Stojisavljević, Vukašin and Sodin. Mikhail