

המחלקה למתמטיקה, בן-גוריון

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## קולוקוויום

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ביום שלישי, 23 בדצמבר, 2025

בשעה 14:30 – 15:30

ב-101 Math

ההרצאה

### **of Properties Dimensional and Dynamical Finite-Rank Under Operators Schrödinger Perturbations**

תינתן על-ידי

(UCI) Levi Netanel

תקציר: In this talk, we present several fractal-dimensional and dynamical properties of Schrödinger operators, such as spectral measures, Hausdorff/packing dimensions, Rajchman behavior, and rank-one perturbations. We begin with concrete setting of the half-line Schrödinger operators, where rank-one perturbations eliminate generic behavior. We then discuss the extreme spectrum, point spectrum, and dynamical properties that demonstrate constructions will I slightly only for stable: entirely be fact, in can, spectrum point pure than weaker

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two the though even zero, dimension has - condition boundary any under -  
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