

המחלקה למתמטיקה, בן-גוריון

אלגבראות של אופרטורים ותורת האופרטורים

ביום שני, 14 בנובמבר, 2022

בשעה 16:00 – 17:00

ב-101 (basement)

ההרצאה

from algebra Cuntz the of Representations functions rational noncommutative

חינתן על-ידי

(BGU) Shamovich Eli

חקציר: In this talk, I will describe joint work with Mike Jury and Rob Martin. The focus of this talk will be on noncommutative (NC) rational functions. I will discuss the theory of rational NC functions and how it relates to the theory of representations of the Cuntz algebra. I will also discuss the theory of inner-outer factorization of elements in the Cuntz algebra and how it relates to the theory of rational NC functions. I will finish with some open questions.