

המחלקה למתמטיקה, בן-גוריון

אלגבראות של אופרטורים ותורת האופרטורים

ביום שני, 7 בנובמבר, 2022

בשעה 16:00 – 17:00

בבldg 72, Room 110

ההרצאה

finite for dimension Rokhlin of values the On actions group

חינתן על-ידי

(BGU) Hirshberg Ilan

תקציר: Rokhlin dimension is a property for actions on C^* -algebras. It was originally introduced for actions on finite groups, and later extended to other classes of Rokhlin dimension groups. The definition was extended to include non-commuting towers, and two flavors, commuting and non-commuting, were introduced. The main interest in Rokhlin dimension is in the study of actions on C^* -algebras. The different types of actions, finite for C^* -algebras, and their properties, show that a tool as dimension only one theorem, of types those For product. crossed the to pass algebra value. actual the not and infinite, or finite is dimension this whether about cares examples known only the C^* -algebras, simple on groups finite of actions For non-dynamical related a dimension, Nuclear infinity. or 0,1,2 dimensions had on infinity or 0,1 values the admit only to known is C^* -algebras, for dimension

would dimension Rokhlin that plausible seem might it so C^* -algebras, simple
which preparation in work describe I'll talk, this In behavior. similar exhibit
how know don't we (though achieved be can values large arbitrarily that shows
deduced be can which conclusions finer as well as examples), known all achieve to
This finite. is dimension the whether merely to opposed as value, actual the from
interesting an as seen be fact in can dimension Rokhlin value the that shows
equivariant involve it proving for required tools The action. group the of invariant
the that assume not will I theorem; completion Atiyah-Segal the and K-theory
those. with familiar is audience
Phillips. Christopher N. with work joint is This

אנא שימו לב לשינוי במקום!