המחלקה למתמטיקה, בן-גוריון

אנליזה לא-קומוטטיבית

ביום שלישי, 26 באוקטובר, 2021

בשעה 11:00 – 11:00

101- room seminarם

ההרצאה

commutative for averaging Powers' Generalized products crossed

תינתן על-ידי

(BGU) Amrutam Tattwamasi

a is generators two on group free the that proved Powers ,1975 In הקציר: that is -simplicity C^* the of proof Powers's in insight key The group. -simple C^* property. averaging type Dixmier satisfies \mathbb{F}_2 of representation regular left the Haagerup by shown was it Kalantar-Kennedy, of work pioneering the Using equivalent is Γ group the of -simplicity C^* the that independently Kennedy and introduce we talk, this In property. averaging Powers' having group the to crossed commutative for property averaging Powers' of version generalized a introduced boundary Furstenberg generalized of notion the Using products. the of simplicity the that show we (independently), Naghavi and Kawabe by equivalent is (X -spaces Γ minimal (for $C(X) \rtimes_r \Gamma$ products crossed commutative application, an As averaging. Powers' generalized having product crossed the to $C(Y) \rtimes_r \Gamma \subseteq$ form the of \mathcal{A} -subalgebra C^* intermediate every that show will we -spaces Γ minimal of $C(Y) \subset C(X)$ inclusion an for simple is $\mathcal{A} \subseteq C(X) \rtimes_r \Gamma$ Ursu. Dan with work joint a is This simple. is $C(Y) \rtimes_r \Gamma$ whenever