המחלקה למתמטיקה, בן-גוריון

קולוקוויום

ביום *שלישי, 11 בדצמבר, 2018*

בשעה *14:30 – 15:30*

ב-*101- Math*

ההרצאה

analytic noncommutative and algebras Operator geometry

תינתן על-ידי

University) (Waterloo Shamovich Eli

תקציר: analytic of space Hilbert the is $H^2(\mathbb{D})$ space Hardy The fundamental a is coefficients Taylor summable square with disc unit the on functions multiplication of operator The algebras. operator in and theory function in both object polynomial the over module a into $H^2(\mathbb{D})$ turns function coordinate the by whenever that sense the in universal, is space this Moreover, $\mathbb{C}[z]$. ring acts z that such $\mathbb{C}[z]$, over $\mathcal{H}$ module Hilbert a have we of copies several of quotient a is $\cH$ that have we contraction, row pure a by submodule. a by $H^2(\mathbb{D})$ commutative one property, this of generalizations multivariable two are There the ways several in is generalization free the why show will I free. one and space Hardy noncommutative the of quotients discuss then will We one. correct

naturally quotient such Each algebras. operator universal associated their and to question natural a is it and variety analytic noncommutative a to rise gives will I one. algebraic operator the determine data geometric the does extent what question. this to answers several provide analysis complex and spaces Hilbert on operators with familiarity basic Only assumed. is