

אלגבראות של אופרטורים ותורת האופרטורים

בשעה 16:00 – 17:00

ב-101 (basement)

ההרצאה

NC the in application its and problem Gleason NC
class Cowen-Douglas

תינתן על-ידי

(BGU) Deb Prahlad

the of analogue (nc) noncommutative a discuss will I talk, this In תקציר:
The class. Cowen-Douglas“ ”NC the in application its and problem Gleason
maximal the studying in Gleason Andrew by studied first was problem Gleason
the fi that showed he particular, In algebra. Banach commutative a of ideals
vanishing $\mathcal{A}(\mathbb{B}(0, 1))$ algebra Banach the in functions of consisting ideal maximal
coordinate the by generated be to has it then generated finitely is origin the at
on functions holomorphic of algebra Banach the is $\mathcal{A}(\mathbb{B}(0, 1))$ where functions
up extended continuously be can which \mathbb{C}^n in 0 at $\mathbb{B}(0, 1)$ ball unit open the
of algebras in ideals maximal the whether – question The boundary. the to
been has – functions coordinate the by generated are functions holomorphic
of solution local a of existence the that out turns It problem. Gleason the named

sufficient a provides space Hilbert kernel reproducing a in problem Gleason the
operators multiplication of adjoint of tuple the of membership the for condition
class. Cowen-Douglas the in functions coordinate by
will I problem, Gleason the of aspects classical these discussing briefly After
that show and functions nc analytic uniformly for counterpart nc its introduce
the unlike solvable uniquely locally always is category nc the in problem a such
reproducing nc of characterization a obtains one application an As case. classical
that so \mathbb{C}_{nc}^d in domain nc a on functions nc analytic uniformly of spaces Hilbert
coordinate nc the by operators multiplication left of tuple - d the of adjoint the
necessary recall will I way, the Along class. Cowen-Douglas nc the in are functions
theory. function nc from materials
nc the on Vinnikov Professor with jointly work ongoing my of part a is This
class. Cowen-Douglas