

המחלקה למתמטיקה, בן-גוריון

קולוקוויום

ביום שלישי, 14 במאי, 2019

בשעה 14:30 – 15:30

ב-101 Math

ההרצאה

new with directions fresh theory: Dilation applications

תינתן על-ידי

(Technion) Shalit Orr

תקציר: of class general a understanding for paradigm a is theory Dilation
every exhibiting of way by objects, of class understood better a of terms in objects
of part first the In object. understood well special, a of“ part “a as object general
applications and results contemporary and classical both discuss will I talk this
theoretic dilation a describe will I Then theory. operator in theory dilation of
constant optimal the is what recently: very in interested got we that problem
= VU satisfying U, V unitaries of pair every that such $c_{\{\theta, \theta'\}}$, = c
unitaries are U', V' where cV', cU' , of pair a to dilated be can $UV e^{i\theta}$
 $U'V' = e^{i\theta} V'U'$ relation commutation the satisfy that
(which application new a as well as problem, this of solution the present will I
the of continuity the to theory dilation of surprise) pleasant a as us to came
physics. mathematical from operator Mathieu almost the of spectrum
Gerhold. Malte with work joint a on Based