המחלקה למתמטיקה, בן-גוריון

קולוקוויום

ההרצאה

of ubiquity and genericity, Randomness, groups. in behavior hyperbolic

תינתן על-ידי

(Technion) Gekhtman Ilya

תקציר: metric some on isometries by acting G group infinite an Consider X. space some into G of representation a Consider act? element "typical" a does How G? of elements "typical" represents matrix of sort What group. matrix there which of "typical," word the by mean we what on depends answer The look and G on walk random a take may We notions. reasonable two least at are set generating a fix also may We steps. of number large a after lands it where distributed. are balls large how look and G for they how and related are genericity of notions two these how about talk will I the that explain also will I groups. hyperbolic of setting the on focusing dffier, Gromov a on acting group a For notions: both to respect with true is following

north- with i.e. loxodromically, act elements typical space metric hyperbolic dynamics. south
groups) hyperbolic (including groups of class large a of representation a For
simple all are eigenvalues whose matrices to map elements typical R, SL_n into
moduli. distinct have and