

המחלקה למתמטיקה, בן-גוריון

קולוקוויום

ביום שלישי, 10 ביוני, 2025

בשעה 14:30 – 15:30

ב-101 Math

ההרצאה

groups and graphs on walks for cutoff Sharp

תינתן על-ידי

(HUJI) Parzanchevski Ori

תקציר: In the 80's Diaconis and others observed that some groups naturally exhibit the Markov chain cutoff phenomenon: almost stationary distribution drops almost to zero over a short distance. It is conjectured that all transitive expander graphs exhibit this phenomenon, and some results on Ramanujan graphs and complexes, and their relation to expansion in groups.