

המחלקה למתמטיקה, בן-גוריון

קולוקוויום

ביום שלישי, 10 בינואר, 2017

בשעה 14:30 – 15:30

בMath-101

ההרצאה

with computations numerical in Universality studies Case data. random

תינתן על-ידי

(NYU) Defit Percy

תקציר: This work joint is with Sheehan Menon, Govind and Olver Thomas. The speaker will present evidence for universality in numerical computations.

with random data. Given a stochastic numerical algorithm (possibly with convergence to iterations) of number (or time the data, input random with Two- time. halting the called variable, random a is tolerance) given a (within i.e., time, halting the of fluctuations the for observed is universality component the

the histogram for halting times, centered by the sample average and scaled input the of independent curve, universal a to collapses variance, sample the by components, two to up Thus, increases. dimension the as distribution, data halting the for statistics the variance, sample the and average sample the numerical standard six include studies case The prescribed. universally are time making. decision and computation neural of model a as well as algorithms,