המחלקה למתמטיקה, בן-גוריון

הסתברות ותורה ארגודית

ביום שלישי, 9 ביוני, 2015

12:00 - 10:50 בשעה

101- Math⊐

ההרצאה

subsets finite random between distortion Metric interval the of

תינתן על-ידי

Institute) (Weizmann Malyshev Anton

points n sampling by given X space metric finite random a Consider 'תקציר:
by given U space metric finite deterministic a and unfiormly, interval unit the in probability, high With distance. unfiorm at interval unit the in points n placing bijection any so 1/n^2, roughly distance at points of pairs some contain will X with However, n. roughly of factor a by distances distort must U to X from bijection a have X_2, and X_1 spaces, random these of two probability, high 2/3 of exponent The n^(2/3). about only of factor a by distances distorts which optimal. is