



THE WEIZMANN INSTITUTE OF SCIENCE
FACULTY OF MATHEMATICS AND COMPUTER SCIENCE
Geometric Functional Analysis and Probability Seminar

Room 155 ,Ziskind Building
on Thursday, Aug 30, 2018
at 13:30

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Coarse (non)Universality of Alexandrov Spaces

Abstract:

We will show that there exists a metric space that does not admit a coarse embedding into any Alexandrov space of global nonpositive curvature, thus answering a question of Gromov (1993). In contrast, any metric space embeds coarsely into an Alexandrov space of nonnegative curvature. Based on joint works with Andoni and Neiman, and Eskenazis and Mendel.