

UNIVERSIDADE FEDERAL DE SÃO CARLOS
DEPARTAMENTO DE MATEMÁTICA

COLÓQUIOS DO DM-UFSCAR

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Falará sobre

Dimension of functions chosen at random

Suppose we consider a real-valued function on a compact metric space, e.g., $[0, 1]$. What is the dimension of the graph of this function? What do we mean by dimension? What is the dimension of a function chosen at random? What do we mean by random? We discuss two notions of dimensions—Hausdorff and Packing and two notion of randomness—genericity and prevalence. Then we state some results concerning the dimension of the graph of a function chosen randomly.

Data: 11 de junho de 2019
Horário: 16h
Local: Auditório do DM