

Department of Mathematics, BGU

BGU Probability and Ergodic Theory (PET) seminar

On Thursday, June ,23 2022

At 11:10 – 12:00

In room ,106 building 28

Daniel Ingebretson (Ben-Gurion University)

will talk about

Hausdorff and packing measure of some decimal and Luroth expansions

Abstract: A common method for quantifying the size of sets of Lebesgue measure zero is via Hausdorff or packing dimension. A more delicate question is to determine the value of the corresponding Hausdorff or packing measure at dimension. In this talk we will show a way to approach this question for some simple fractal sets arising from numeration systems.

Please Note the Unusual Place!