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 quantfiying 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!