

# Michigan Math Club



Thursday at 4pm in EH1360

Free raffle prizes afterwards!

## Strang's Strange Figures

Ahmad Barhoumi • 10 February 2022



In 1991, Gilbert Strang published a Calculus textbook whose back cover featured the images shown here.

They depict the set  $(n, \sin(n))$  for integers  $n$  up to 10,000 shown at two different scales. These beautiful patterns beg for an explanation, and in this talk we will venture one furnished by rational approximants. This talk is partially based on a paper with the same title by Norman Richert.

