

Michigan Math Club

Thursday at 4pm in the Commons

Free Pizza and Pop

Cantor Sets

Mattias Jonsson

Abstract for 27 January 2011

A Cantor set is obtained from a compact interval, say $[0,1]$, by removing an open subinterval, then an open subinterval from each of the two remaining pieces and so on. I will describe how Cantor sets show up, sometimes unexpectedly, throughout mathematics, and some surprising properties that they can have.

