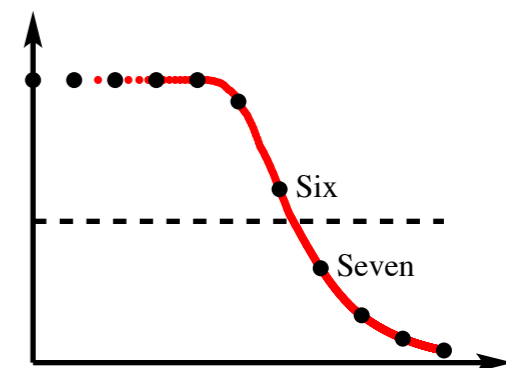# Michigan Math Club

Thursday at 4pm in the Nesbitt Room
Free Pizza and Pop

The Mathematics of Card Shuffling

Mark Conger   •   19 September 2019

How many times should you shuffle a deck of playing cards? A lot of people will answer "seven" when asked this question. To a mathematician it seems like a very specific answer to a pretty vague question. This talk will explain the mathematics of the 1992 paper of Dave Bayer and Persi Diaconis which is the source of the answer "seven", and talk about ways to generalize the result.