Michigan Math Club

Meeting *virtually* for Fall 2020
Thursdays at 4pm EST

Analyzing Penney Ante with Conway’s Algorithm

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Somewhere in North America
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We will warm-up with a popular game of chance and test our intuition against some famous mathematicians and pigeons. Then we will move on to the game of Penney Ante, which we will analyze using some basic ideas of probability. After finding some possibly surprising results, we will use Conway’s Algorithm to easily calculate the odds of winning strategies.