Michigan Math Club

Thursday at 4pm in the Commons
Free Pizza and Pop

The Mathematics of Sudoku

Prof. Amanda Knecht

Abstract for 9 October

Many faculty, staff, and students at the University of Michigan spend a few minutes of their day filling in the Sudoku puzzle in the Daily. If you are a Sudoku solver, you may have stopped and wondered if there is always a solution to such a puzzle. Or maybe you asked, "If a solution exists, is it unique?", "How many numbers have to be given to you for there to be a unique solution?" or "How many Sudoku puzzles are there with a unique solution?" We will answer these and similar questions.