

MTCS COLLOQUIUM

Khang Tran

will present

Sudoku: A Logical Brain-Teaser

2:30 pm

Friday, October 21st

Violette Hall 1236

Sudoku is a popular pencil puzzle appearing in various newspapers (e.g., The Times and USA Today). In this game players are challenged to complete a 9x9 square puzzle with some given entries such that every row, column, and 3x3 block contains every digit from 1 to 9.

This talk will discuss various mathematical aspects of Sudoku. In particular, we give an efficient method for solving Sudoku puzzles by implementing Donald Knuth's idea of converting the puzzle into an exact cover problem.

Cookies and Refreshments!!!