DR. LISA SAUERMANN

MIT

The card game SET and some results in extremal combinatorics

Thursday, 13 October | 3:30 p.m.
Online Event via Zoom.

Presented by the Department of Mathematics

This talk is aimed at a general audience and does not require a mathematics background. The talk will start by discussing the popular card game SET and in particular the question of how many cards one can have in this game without creating a so-called "SET". Considering this question for extended versions of the game, we will find a connection to a recent breakthrough result of Ellenberg and Gijswijt on a famous problem in the area of extremal com**b**inatorics. The talk will also discuss related results due to the speaker, some of which are of a geometric flavor.

Our Distinguished Women Scholars Lecture series was established by the Vice-President Academic and Provost to bring distinguished women scholars to the University of Victoria.

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