

RYERSON UNIVERSITY
DEPARTMENT OF MATHEMATICS
GRAPHS AT RYERSON (G@R) SEMINAR

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Date: Thursday, November 29, 2018

Time: 10am

Location: ENG 210

Sicherman dice

Abstract:

Can you design two different dice so that their sums behave just like a pair of ordinary dice? That is, there must be two ways to roll a 3, six ways to roll a 7, one way to roll a 12, and so forth. Each die must have six sides, and each side must be labelled with a positive integer. I will introduce generating functions, show one classical application of them and then use them to answer the question.

ALL FACULTY, STAFF, STUDENTS AND GUESTS ARE WELCOME TO ATTEND