

The SUMO Speaker Series for Undergraduates

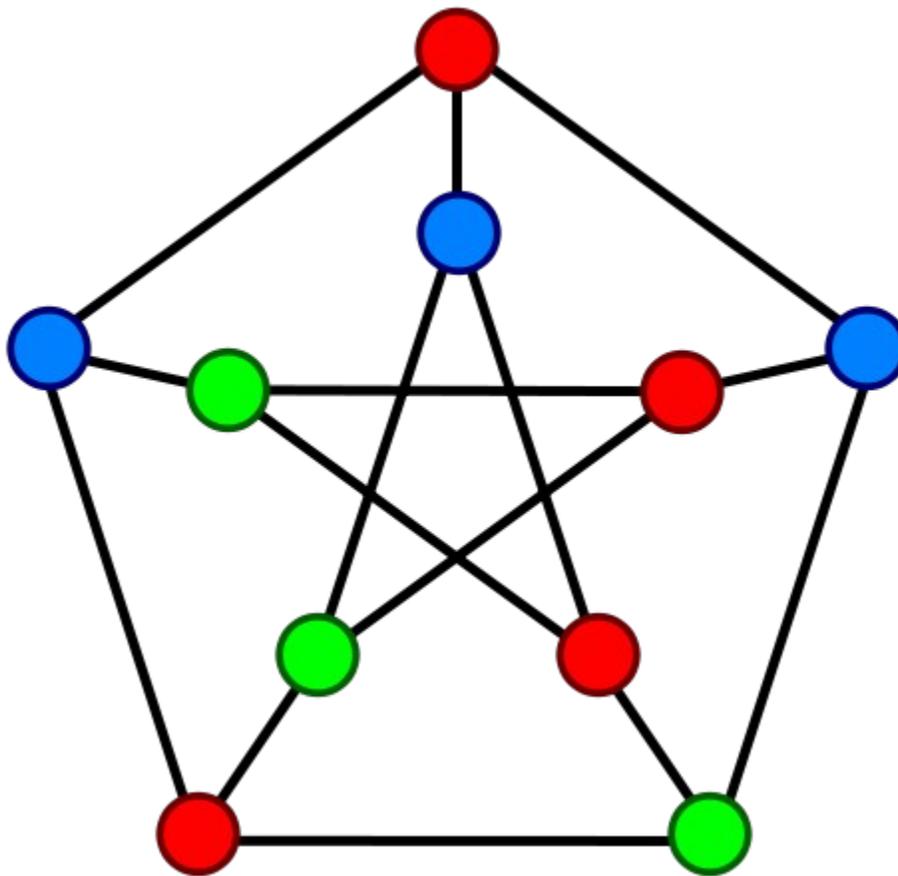
Thursday, October 18th

4:15-5:05, room 380C

(Food Provided)

Coincidences, Birthdays and Graph Coloring

Professor Persi Diaconis



ABSTRACT:

Coincidences can amaze us; one useful tool for figuring out what's going on is the birthday problem and its generalizations (how many people do you need to have in a group to have even odds that two people have birthdays within a day of each other? How many for a triple birthday?) These problems are closely connected to the classical subject of graph coloring and the different viewpoints help carry the related areas forward.

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