



The Math/Stats Colloquium
Department of Mathematics and Statistics
San José State University



Ellen Veomett

St. Mary's College of CA

Coloring Geometrically Defined Graphs

APRIL 27, 2016, MH320

Abstract: This talk will take us through a journey of graph coloring. We'll start with some basic definitions and the well-known four and five color theorems. We'll also discuss the fascinating question of the chromatic number of the plane. Finally, we'll talk about new results on box graphs, which are graphs defined using blocks and their intersections. This talk will be extremely accessible, while at the same time including some modern research topics.

Background: No particular background required. Students at every level are encouraged to attend.

About the speaker: Dr. Ellen Veomett is an Associate Professor of mathematics at Saint Mary's College of California. She likes to study things that are both discrete and geometric, including graph coloring and isoperimetric inequalities on graphs. She used to do a lot of running but in recent years has spent more time reading, singing, and playing with her toddler.

SNACKS IN MH331B AT 2:30 PM

TALKS START AT 3 PM

For more information, see our full schedule at:

<http://www.math.sjsu.edu/~hsu/colloq/>