



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



Richard Low

SJSU

*Non-attacking Bishop and King Positions
on Regular and Cylindrical Chessboards*

NOVEMBER 13, 2019, MH320

Abstract: In this talk, we count the number of non-attacking bishop and king positions on the regular and cylindrical $m \times n$ (where $m = 1, 2, 3$) chessboards. This is accomplished through the use of scientific computing, recurrence relations, generating functions and closed-form formulas.

This is joint work with Ardak Kapbasov.

Background: Discrete mathematics. This talk will be highly accessible and is recommended for students at all levels.

About the speaker: Dr. Richard M. Low is a Lecturer in the SJSU Department of Mathematics and Statistics. His research interests include combinatorics, graph theory, combinatorial game theory and group theory. Ardak Kapbasov is a SJSU undergraduate student who is majoring in mathematics.

SNACKS IN MH331B AT 2:30 PM

TALK STARTS AT 3:00 PM

For more information, see our full schedule at:

<http://www.timhsu.net/colloq/>