

Discrete Mathematics Seminar

Illinois State University

2:00–2:50 pm, March 4

Speaker: Richard M. Low, San Jose State University

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

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.

