



Colloquium Series



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Peg solitaire on graphs and in **multiple** colors

Abstract: Peg Solitaire is a game that has been studied on many different game boards and more recently, on mathematical graphs. We expand on this concept by introducing play with pegs of multiple colors, which is an extension of our previous work in three colors. In this talk we will discuss the solvability of peg solitaire on path and cycle graphs, complete bipartite graphs, and double star graphs in any number of colors.

Keywords: Peg solitaire, graph theory, recreational mathematics.

Wednesday, April 26, 1:05 – 1:50 pm in 4-1-314