

VCU Discrete Mathematics Seminar

A colorful family of Nim-like arrays

Prof Lowell Abrams
George Washington University

Tuesday, Oct. 1
12:30–1:20
4119 Harris Hall

We describe how a simple construction in the context of combinatorial game theory gives rise to an infinite family of arrays, each of which exhibits fascinating manifestations of periodicity, self-reference, self-similarity, and algebraic structure. The talk will feature captivating pictures and thought-provoking theorems, as well as accessible explanations of the basic ideas at play.

This work is joint with Dena Morton of Xavier University.



For the full schedule of speakers, titles and abstracts for Fall 2013, see:
<http://www.people.vcu.edu/~dcranston/DM-seminar/>