

# Dena Morton (Xavier)

## A Family of Nim-Like Arrays

### Abstract for the Combinatorics Seminar 2013 May 7

Lowell Abrams and I have studied aspects of the combinatorial, algebraic, and graphical structure shared by a certain family of recursively generated arrays related to the operation of Nim addition. Highlights include aspects of periodicity, self-referentiality, and quasigroup theory.

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