

1125-I1-2100

**Karl M Kattchee\*** ([kkattchee@uwlax.edu](mailto:kkattchee@uwlax.edu)), University of Wisconsin-La Crosse, and **Craig S Kaplan** ([csk@uwaterloo.ca](mailto:csk@uwaterloo.ca)), University of Waterloo, Cheriton School of Computer Science.

*Combinatorial Poppies.*

We consider orthogonal closed paths that dwell on the edges of square grids. A certain subset of these paths are called “poppies.” We derive a formula for the number of asymmetrical poppies on an  $n$  by  $n$  grid, and we explore the aesthetics of the poppies. (Received September 19, 2016)