

1106-05-418

Madeline V Brandt* (mbrandt@reed.edu). *Packing Polynomials on Sectors of \mathbb{R}^2 .*

A polynomial $p(x, y)$ on a region S in the plane is called a packing polynomial if the restriction of $p(x, y)$ to $S \cap \mathbb{Z}^2$ yields a bijection to \mathbb{N} . In this talk, I discuss all quadratic packing polynomials on rational sectors of \mathbb{R}^2 . (Received August 27, 2014)