

1090-60-85

Gregory Shinault*, Department of Mathematics, University of Wisconsin-Madison, 480 Lincoln Drive, Madison, WI 53706. *Inhomogeneous Tilings of the Aztec Diamond.*

In this talk we look at random tilings of the Aztec diamond. The tile weights will be determined by their position within the diamond. We will see that the fluctuations of the northern boundary are described by the Tracy-Widom distribution (Received February 19, 2013)