

1123-05-358

Susanna Fishel* (sfishel1@asu.edu), School of Mathematical and Statistical Science, Arizona State University, PO Box 871804, Tempe, AZ 85287-1804. *Maximal Chains in the Tamari Lattices and its Generalizations.*

I will discuss recent work on the enumeration of maximal chains in the Tamari lattice and its generalizations. The generalizations include the Cambrian lattices of Reading and the m-Cambrian of Stump, Thomas, and Williams. This is joint work with Sultan Al-Suleiman (ASU), Mahir Can (Tulane), Luke Nelson (ASU), and Kevin Treat (ASU). (Received August 30, 2016)