

1135-05-3071      **Kassie Archer** and **Christina Graves\*** (cgraves@uttyler.edu). *Enumerating acyclic digraphs by descents.*

A descent of a labeled acyclic digraph is a directed edge  $x \rightarrow y$  with  $x > y$ . In this talk, we find a recurrence for the number of labeled acyclic digraphs with a given number of descents. (Received September 26, 2017)