

1116-VA-1418 **Brian Drake*** (drakebr@gvsu.edu) and **Evan Peters**. *An upper bound for absolute length of Coxeter group elements.*

The absolute length (or reflection length) in a Coxeter group is the length function where all reflections in the group are taken as generators. We find an upper bound on the absolute length of an element in a Coxeter group as a function of the number of generators of the group and the standard length of the element. For universal Coxeter groups, we show that there are elements which achieve this bound. (Received September 19, 2015)