1107-05-370　　　　**Brant C Jones*** (`jones3bc@jmu.edu`). *Affine permutation patterns.*

We consider the number of affine permutations that avoid a finite permutation pattern. This subject was introduced by Crites and has also been investigated in papers of Hanusa-Jones and Biagioli-Jouhet-Nadeau. Since the affine symmetric group is infinite we use the Coxeter length statistic to obtain a generating function. In this talk, we will survey prior results and present a new methodology for enumeration in this setting. (Received January 19, 2015)