1120-13-256   **David Cook II** and **Jessica Striker*** (`jessica.striker@ndsu.edu`). *Combinatorial dynamics of monomial ideals.* Preliminary report.

We introduce the notion of combinatorial dynamics on algebraic ideals by translating combinatorial results involving rowmotion and other toggle group actions on order ideals of posets to the setting of monomial ideals. (Received February 23, 2016)