1117-14-315   **Nathan Pflueger*** (`pflueger@math.brown.edu`), 151 Thayer Street, Providence, RI 02912.
Chains of cycles and general m-gonal curves.

We generalize the work of Cools, Draisma, Payne, and Robeva to analyze the Brill-Noether theory of chains of cycles with arbitrary edge lengths. By choosing specific edge lengths and applying tropical lifting results, we prove partial analogs of the Brill-Noether Theorem for general curves of fixed gonality. (Received January 17, 2016)