Daniel Scofield*, daniel.scofield@fmarion.edu, and Radmila Sazdanovic, rsazdanovic@math.ncsu.edu. On extreme Khovanov homology, the Jones polynomial, and the girth of a link.

In this talk we utilize relations between Khovanov and chromatic graph homology to determine extreme Khovanov groups and corresponding coefficients of the Jones polynomial. We define the girth of a link and describe its properties. (Received September 17, 2019)