1117-13-278 Sara Faridi* (faridi@mathstat.dal.ca). Recursive computations for Betti numbers of monomial ideals. Preliminary report.

In this talk we will present ongoing work on the computation of Betti numbers of monomial ideals. Using combinatorial arguments, we show techniques for recursive computation of graded Betti numbers of monomial ideals. (Received January 16, 2016)