

1137-13-257

**Connor Sawaske\*** ([sawaske@uw.edu](mailto:sawaske@uw.edu)). *Almost Buchsbaumness of some rings arising from complexes with isolated singularities.*

We study properties of the Stanley–Reisner rings of simplicial complexes with isolated singularities modulo two generic linear forms. Miller, Novik, and Swartz proved that if a complex has homologically isolated singularities, then its Stanley–Reisner ring modulo one generic linear form is Buchsbaum. Here we examine the case of non-homologically isolated singularities, providing many examples in which the Stanley–Reisner ring modulo two generic linear forms is a quasi-Buchsbaum but not Buchsbaum ring. (Received February 05, 2018)