Algebraic topology, Fall 2013

Homework 7, due Wednesday, October 23

Hatcher exercises 16, 17, 18 on page 132.

Round table: Computation of homology and reduced homology of the n-sphere and applications (Hatcher Corollaries 2.14, 2.15 page 114). Explicit representatives of certain homology groups (Hatcher Example 2.23 page 125). Local homology groups (Theorem 2.26 on page 126). Hatcher exercises 20, 19 on page 132.