

MTH 961: Suggested Exercises for Week 4

1. Several exercises from last week are still relevant, since we are finishing up the corresponding material.
2. Do exercises 4.G.1, 4.2.35, and 4.3.18 in Hatcher.
3. Determine the classifying space $B\mathbb{Z}_p$ for an odd prime p .
4. Using the definition of reduced K -theory given in lecture, determine $\tilde{K}^i(X)$ for X each of the following: a point x_0 , the circle S^1 , and the torus $S^1 \times S^1$. One of the exercises from Week 1 may be helpful for the last case.