# Math 534B Homework 8.
### Due 4/12

1) Hatcher 2.1 Exercise 31

2) Hatcher 2.2 Exercise 29

3) Hatcher 2.2 Exercise 31

4) Read the statement and proof of Theorem 2A.1. Then compute the first homology groups for $S^1 \vee S^1$ and $S^1 \vee S^1 \vee S^1$.

More practice:

Hatcher 2.1, Exercises 22, 26, 30

Hatcher 2.2, Exercise 37