

Math 540: Exercises for Week 10

Reading: Hatcher Section 2.2, 2.3

1. Hatcher 2.2.28
2. Hatcher 2.2.29 [This is an important example; it's possible that we'll end up elaborating on it in class if we have time at the end of the week.]
3. Hatcher 2.2.31-32
4. Hatcher 2.2.35 [Also particularly recommended.]
5. Hatcher 2.2.38 [We'll briefly use this algebra lemma at the end of Wednesday's lecture.]
6. Hatcher 2.2.41
7. Hatcher 2.3.2
8. Hatcher 2.3.3
9. Hatcher 2.3.4