

HOMEWORK #7

1. Hatcher 4.1.2
2. Hatcher 4.1.3
3. Hatcher 4.1.4
4. Hatcher 4.1.5
5. Hatcher 4.1.10. (The punchline here uses Whitehead's Theorem (4.5) which we probably won't get to before Friday, but you should be able to show noncontractibility and triviality of π_n without anything from Chapter 4 but definitions.)