

**INTRO TO ALGEBRAIC TOPOLOGY
HOMEWORK 3 DUE FEBRUARY 12**

Turn in the following:

- (1) Hatcher Exercise 1.1.1 (p. 38)
- (2) Hatcher Exercise 1.1.2 (p. 38)
- (3) Hatcher Exercise 1.1.3 (p. 38)
- (4) Hatcher Exercise 1.1.5 (p. 38)
- (5) Hatcher Exercise 1.1.7 (p. 38)