INTRO TO ALGEBRAIC TOPOLOGY
HOMEWORK 7 DUE MARCH 26

Turn in the following:
(1) Hatcher Exercise 1.3.29 (p. 82)
(2) Hatcher Exercise 2.1.1 (p. 131)
(3) Hatcher Exercise 2.1.5 (p. 131)
(4) Find a $\Delta$-complex structure for the orientable surface of genus two and compute the simplicial homology groups of this $\Delta$-complex.
(5) Hatcher Exercise 2.1.8 (p. 131)

Think about the following (but do NOT turn in):
- Find a $\Delta$-complex structure for the orientable surface of genus $g$ and compute the simplicial homology groups of this $\Delta$-complex.