INTRO TO ALGEBRAIC TOPOLOGY
HOMEWORK 4 DUE FEBRUARY 26

Turn in the following:
(1) Hatcher Exercise 1.1.10 (p. 39)
(2) Hatcher Exercise 1.1.16 (p. 39)
   (In part (c), the circle is the bold circle in the interior of the solid torus.)
(3) Hatcher Exercise 1.2.4 (p. 53)
(4) Hatcher Exercise 1.2.6 (p. 53)
(5) Hatcher Exercise 1.2.11 (p. 53)

Think about the following (but do NOT turn in):
• Hatcher Exercise 1.1.12 (p. 39)
• Hatcher Exercise 1.2.20 (p. 55)