

Homework 2 for Math 214A Algebraic Geometry

Burt Totaro

February 1, 2016

Due Wednesday, Feb. 17.

Exercises in Hartshorne:

Section II.1: 1.1, 1.2(b).

Section II.2: 2.3, 2.5, 2.18. (Use the notation “ $\{f \neq 0\} \subset X$ ” for Hartshorne’s “ $D(f) \subset X$ ”.)

Section II.3: 3.1, 3.3(a), 3.4, 3.5, 3.10.

The next few classes are:

Mon., Feb. 1; Thurs., Feb. 4; Fri., Feb. 5.

Mon., Feb. 8.

Wed., Feb. 17; Thurs., Feb. 18; Fri., Feb. 19.

MWF classes at 10 AM, MS 5148; Thursday classes at 4 PM, MS 6201.