

AG HOMEWORK 2

DUE MARCH 3 TO GRADESCOPE

The following exercises come from Hartshorne Chapter 1. (If you need a copy of the book, let me know/send me an email.)

After this homework, we will move to on sheaves/schemes/more abstract objects, so it will benefit you to understand these problems first.

- (1) 3.2
- (2) 3.3
- (3) 3.9
- (4) 3.14
- (5) 3.17(a)-(d)
- (6) 3.18
- (7) 4.5
- (8) 4.6
- (9) 5.1
- (10) 5.2
- (11) 5.6
- (12) 5.7