

18.726 ALGEBRAIC GEOMETRY. HOMEWORK SET 6

This problem set is due Tuesday March 20, 2007 at the beginning of class. Read sections II.6, II.7 and II.8 in Hartshorne. You should read all the exercises and work through as many of them as you can. If you have not taken the qualifying exam and need a grade, you must turn in the following problems:

- (1) page 146 Problem II.6.1,
- (2) page 146 Problem II.6.2,
- (3) page 147 Problem II.6.4,
- (4) page 147 Problem II.6.5,
- (5) page 147 Problem II.6.6,
- (6) page 148 Problem II.6.10