

18.726 ALGEBRAIC GEOMETRY. HOMEWORK SET 8

This problem set is due Tuesday April 10, 2007 at the beginning of class. Read sections II.8, III.1, III.2, III.3 and III.4 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 187 Problem II.8.3,
- (2) page 188 Problem II.8.4,
- (3) page 188 Problem II.8.5,
- (4) page 190 Problem II.8.8,
- (5) page 212 Problem III.2.1(a),
- (6) page 213 Problem III.2.7,