

ASSIGNMENT 4
DUE TUESDAY NOV 10

- (1) Exercise A.3.(a)-(b) on page 63 Perrin. (I think that there is a typo in the remark in parentheses, maybe it should be $V(Y, Z)$.)
- (2) Problem I.2.(a)-(c) on page 216 of Perrin. (You can assume the results of Problem I.1)
- (3) Problem I.4.(a)-(e) on page 216-7 of Perrin. Also, give an example of a non-separated variety. (The definition that he gives for separated variety is equivalent to the definition from class.)