

Math 256A. Problem Set #7

Due Thursday, 22 October

1. Do Exercise 5.10. Also, show (d). If X and Y are varieties with $X \subseteq Y$, and if $\phi: X \rightarrow Y$ is the inclusion map, then $T_P(\phi): T_P(X) \rightarrow T_P(Y)$ is injective.
2. Exercise 7.7
3. Exercise 1.1 (Ch. II)