

*Homework for Philosophy 270, Fall 2011*

**Homework on §5.3**—assigned Wed 10/12 and due Mon 10/17

Use derivations to show the following:

$$A \rightarrow (B \rightarrow C), (A \wedge D) \rightarrow B \vDash \neg C \rightarrow (A \rightarrow \neg D)$$

If you use detachment rules from §4.3 in addition to those in §5.3, you will not need a *reductio* argument.