## Homework for Philosophy 270, Fall 2008

## Homework on §5.4—assigned Mon 10/20 and due Wed 10/22

Use derivations to check the following (presenting a counterexample if it fails):

$$(\mathsf{A} \land \mathsf{B}) \to (\mathsf{C} \lor \mathsf{D}) \Rightarrow \mathsf{B} \to \mathsf{C}$$