Logic II — Richard Zach

Phil 379 L01 — Winter 2016

Problem Set #4

This assignment is due on **Thursday, March 10, at 12:30 pm**. You can turn it in in class or in the dropbox labelled "Logic II (379 L01)—Richard Zach" in the Philosophy Department. The dropbox is cleared at 4 pm daily.

1. Problem 5.12
2. Problem 6.1
3. Problem 7.1
4. Problem 7.4
5. Prove the case for $\vee$Elim in Theorem 7.26, i.e., prove that if $\Gamma \models A \vee B$, $\Delta \cup \{A\} \models C$ and $\Lambda \cup \{B\} \models C$, then $\Gamma \cup \Delta \cup \Lambda \models C$.

Remember: this is not a test. You are allowed—indeed, encouraged—to work together, and to ask questions on the website and in office hours.