September 20, 21 — Proof rules for propositional connectives

1. Rules for $\vee$ and $\wedge$.
2. The use of subproofs.
3. Contradictions and $\bot$.
4. Rules for $\neg$ and $\top$.
5. Rules for $\to$ and $\leftrightarrow$.
6. Proofs by contradiction and contraposition.

Homework

- Read LPL 5.1-4, 6.1-5, 8.1,2
- Do problems in LPL: 6.5,9,11,18,20,27,32,33,38