

Homework for Philosophy 270, Fall 2006

Homework on §7.6—assigned Fri 11/10 and due Mon 11/13

(i) Use derivations to show:

$$\forall x ((Fx \wedge Gx) \rightarrow \forall y Rxy), \forall x Gx \Rightarrow \forall x \forall y (Fx \rightarrow (Gy \wedge Rxy))$$

(ii) Analyze:

If anyone who saw everything testified, the case was settled

(Bear in mind the difference between this sentence and sentences you could get by replacing **anyone** by **everyone** or **everything** by **anything**. You may notice that two interpretations are possible)