

Homework for Philosophy 270, Fall 2010

Homework on §7.6—assigned Fri 11/12 and due Mon 11/15

(i) Use derivations to show:

$$\forall x (Fx \rightarrow \forall y Rxy) \vDash \forall x \forall y (Fy \rightarrow Ryx)$$

(ii) Analyze (and restate using unrestricted quantifiers):

If anyone heard the warning, the storm didn't surprise everyone

(Bear in mind the difference between this sentence and the sentences you could get by replacing **any** by **every** or **every** by **any**.)