Homework on §7.7—assigned Mon 11/17 and due Wed 11/19

(i) use a derivation to check the following and present a counterexample by using a diagram to describe a structure that divides an open gap:

$$\forall x \, (Rax \to Fx), \, Raa \Rightarrow \forall x \, (Rxa \to Fx)$$

(ii) synthesize an English sentence that has the following analysis:

$$(\forall x: Px) \, \neg \, (\forall y: By) \, Rxy$$

B: [_ is a book]; P: [_ is a person]; R: [_ read _]