Homework on §7.7—assigned Mon 11/16 and due Wed 11/18

(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:

$$\forall x \, (Sx \rightarrow \neg \, Gox), \forall x \, Gxx \vDash \forall x \, (Sx \rightarrow \neg \, Gxo)$$

(ii) analyze and restate using unrestricted quantifiers:

No one who attempts everything finishes anything

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

$$(\forall x: Bx) \, \neg \, (\forall y: Py) \, Rxy$$

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