Homework on §7.2—assigned Wed 11/2 and due Fri 11/4

(i) Analyze and restate the result using unrestricted quantifiers:

Everyone who saw the movie was delighted, but only fans of its director were ecstatic

(ii) [optional] Use derivations to show the entailment below. This exercise is designed to give you practice using detachment rules; and, for it to serve that purpose best, you should avoid using RC.

$$B \rightarrow ((C \wedge A) \rightarrow D) \vDash A \rightarrow ((B \wedge C) \rightarrow D)$$