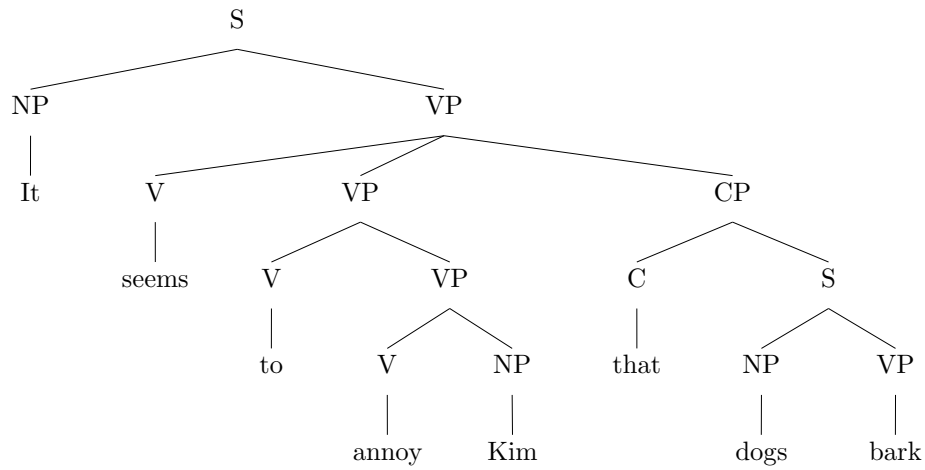


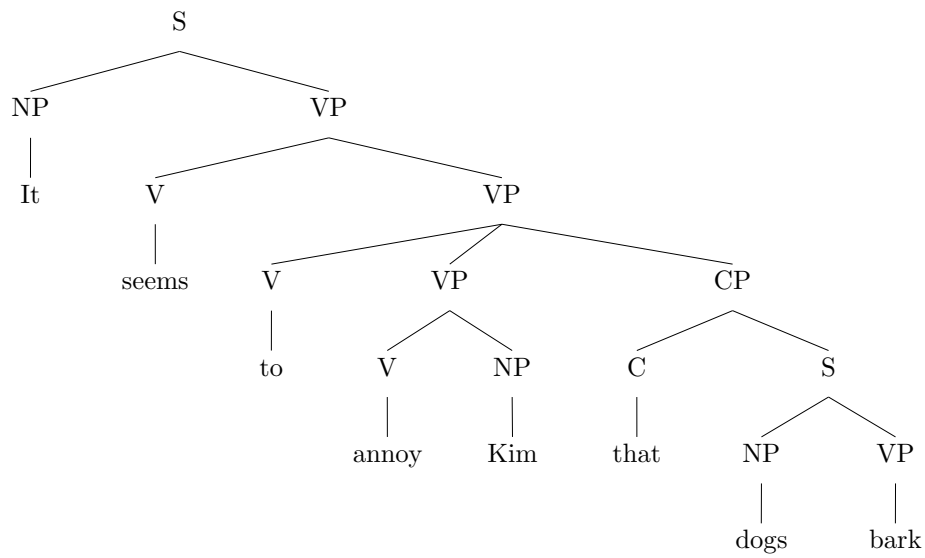
Chapter 12, Problem 9: Extraposition and Raising

A. *seems*, *to*, and *annoy*.

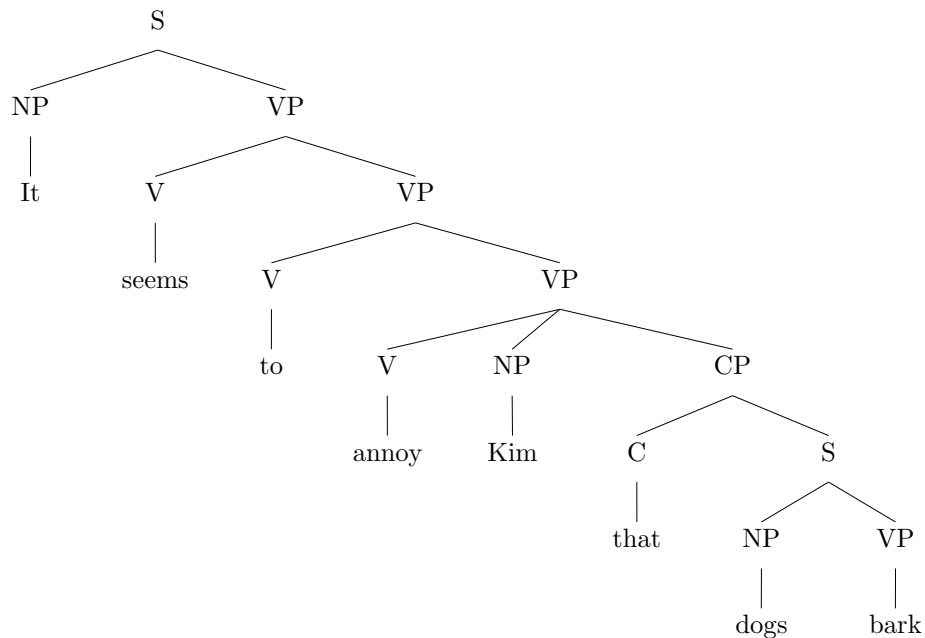
B. (i) When *seems* undergoes the Extraposition Lexical Rule:



(ii) When *to* undergoes the Extraposition Lexical Rule:



(iii) When *annoy* undergoes the Extraposition Lexical Rule:



Our grammar will give exactly the same semantic representation to the mother of each of these trees.

- C. Intuitively, we'd like to block raising verbs (including *seem* and *to*) from undergoing the Extraposition Lexical Rule, but there does not seem to be any feature that can be used to exclude them. (Acutally, *to* can be excluded from the rule by making it require [AUX –] on the INPUT – see Chapter13 – but this won't help with *seem*.)

A less intuitive alternative might be to only allow the case where *seem* undergoes extraposition, i.e. tree (i). One way to do this would be to limit the Extraposition Lexical Rule to [FORM fin] verbs. Unfortunately, that would rule out examples like (iv):

- (iv) We expect it to annoy Kim that Sandy smokes.