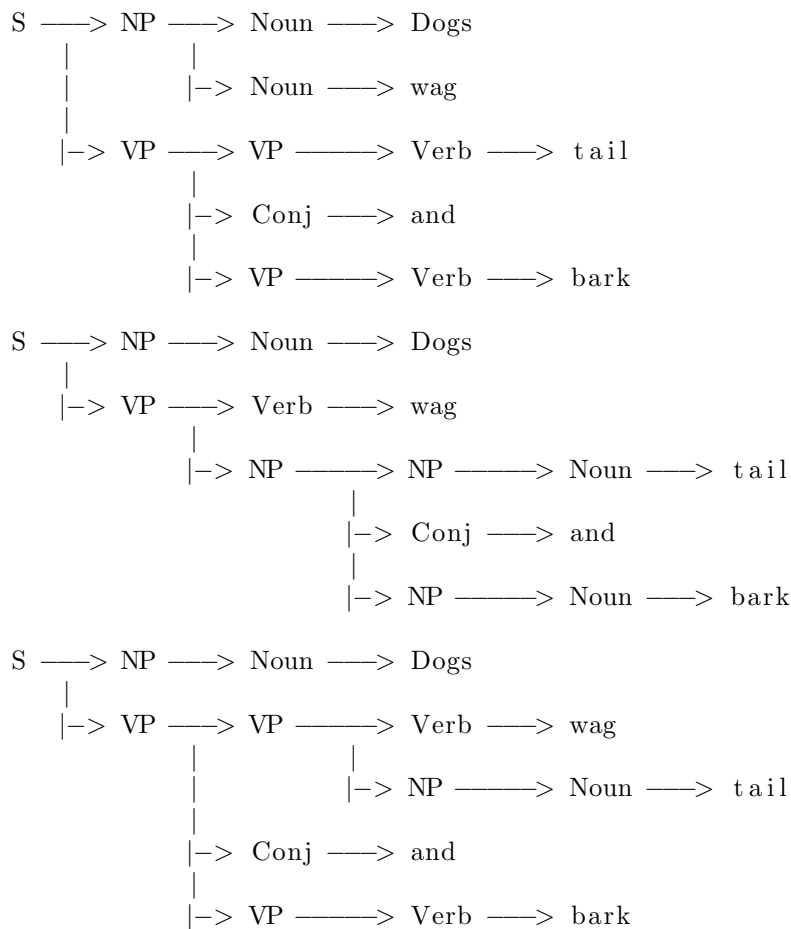


# Artificial Intelligence Problem Set

Willie Yee

**Problem 1.** 3 Different parse trees shown below



**Problem 2.**

A. I bought this bouquet of roses at the deli. Isn't *it* beautiful?

Delis are not often described as beautiful.

B. The children took out their lunches because *they* were hungry.

Lunches are not animate so they cannot be described as hungry.

C. The children took out their lunches, but *they* were growing mold.

Hygienic children do not grow mold on themselves.

D. The scientists are studying three species of fish. *They* are in danger of extinction.

Currently, scientists are not in danger of going extinct.

E. The scientists are studying three species of fish. *They* have been working for three years.

