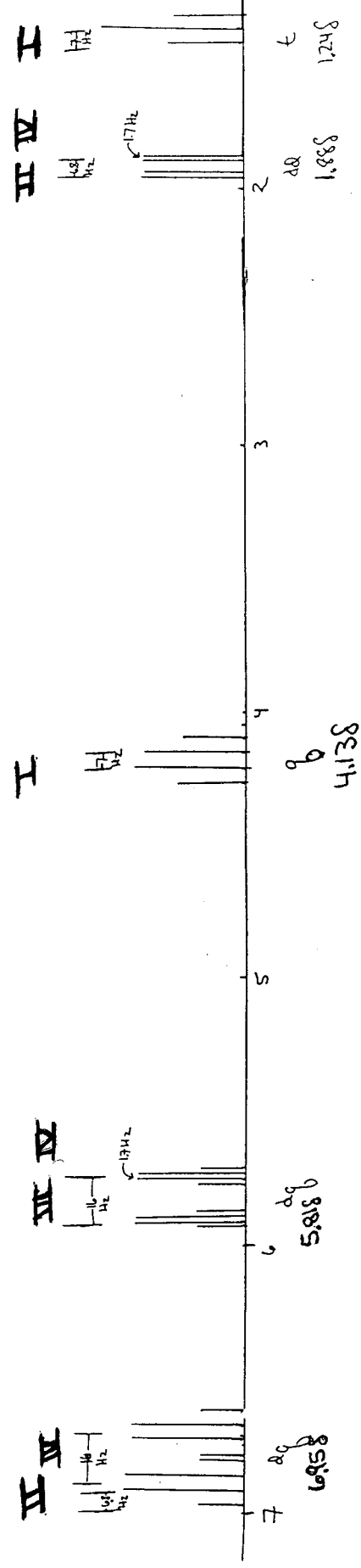
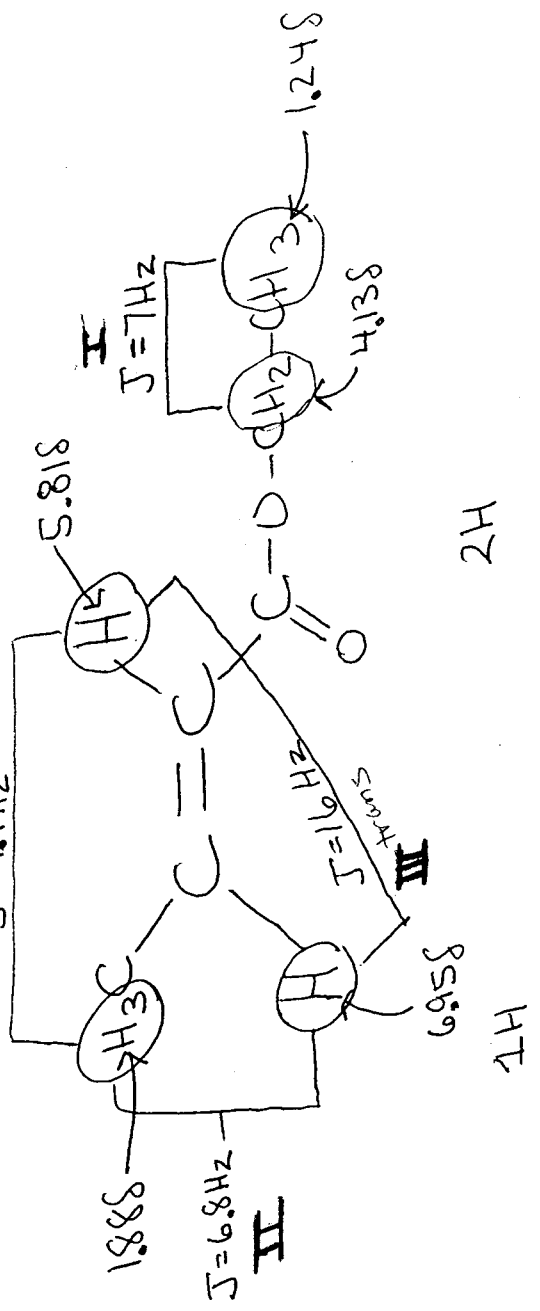


Ex. 11.1
Ex. 11.8

IV allylic (vs) (3 Cs bet. H's) (don't learn it!)



Splitting = coupling

- I "regular" splitting 7 Hz
- II " " 6.8 Hz
- III trans 16 Hz
- IV allylic 1.7 Hz

CIS 6-14 Hz
TRANS 11-18 Hz
gem 0-3 Hz

NOTE:
δ, TMS signal, not shown