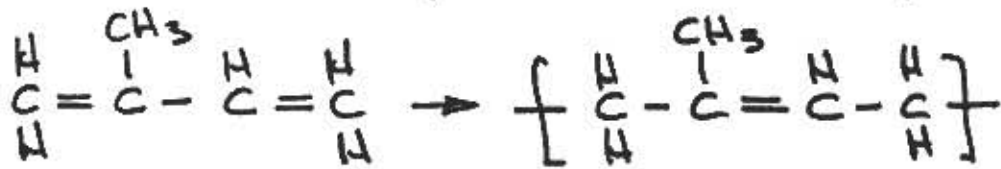
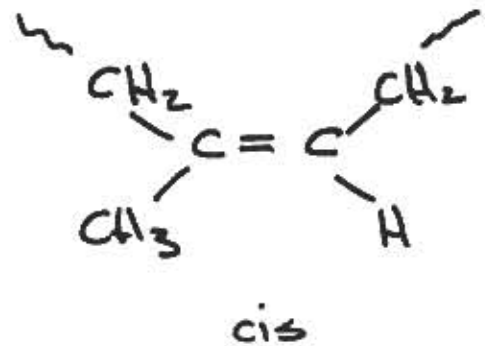
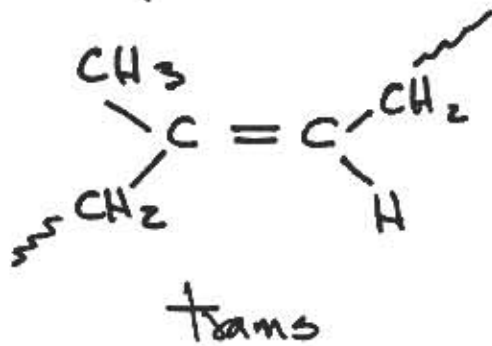


Stereochemical Control

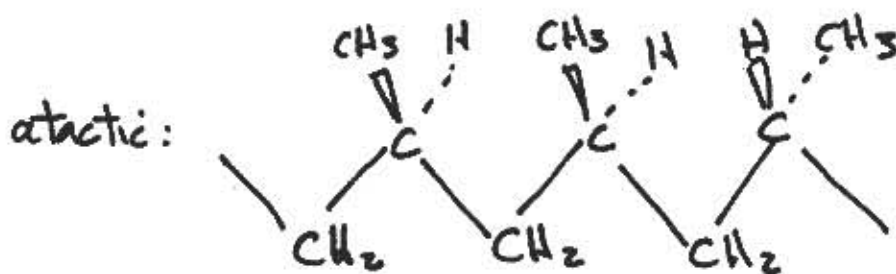
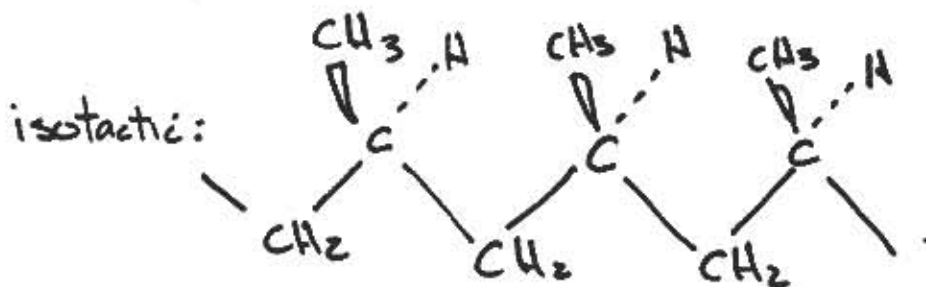
- 1,3 diene polymerization eq isoprene



2 conformations:



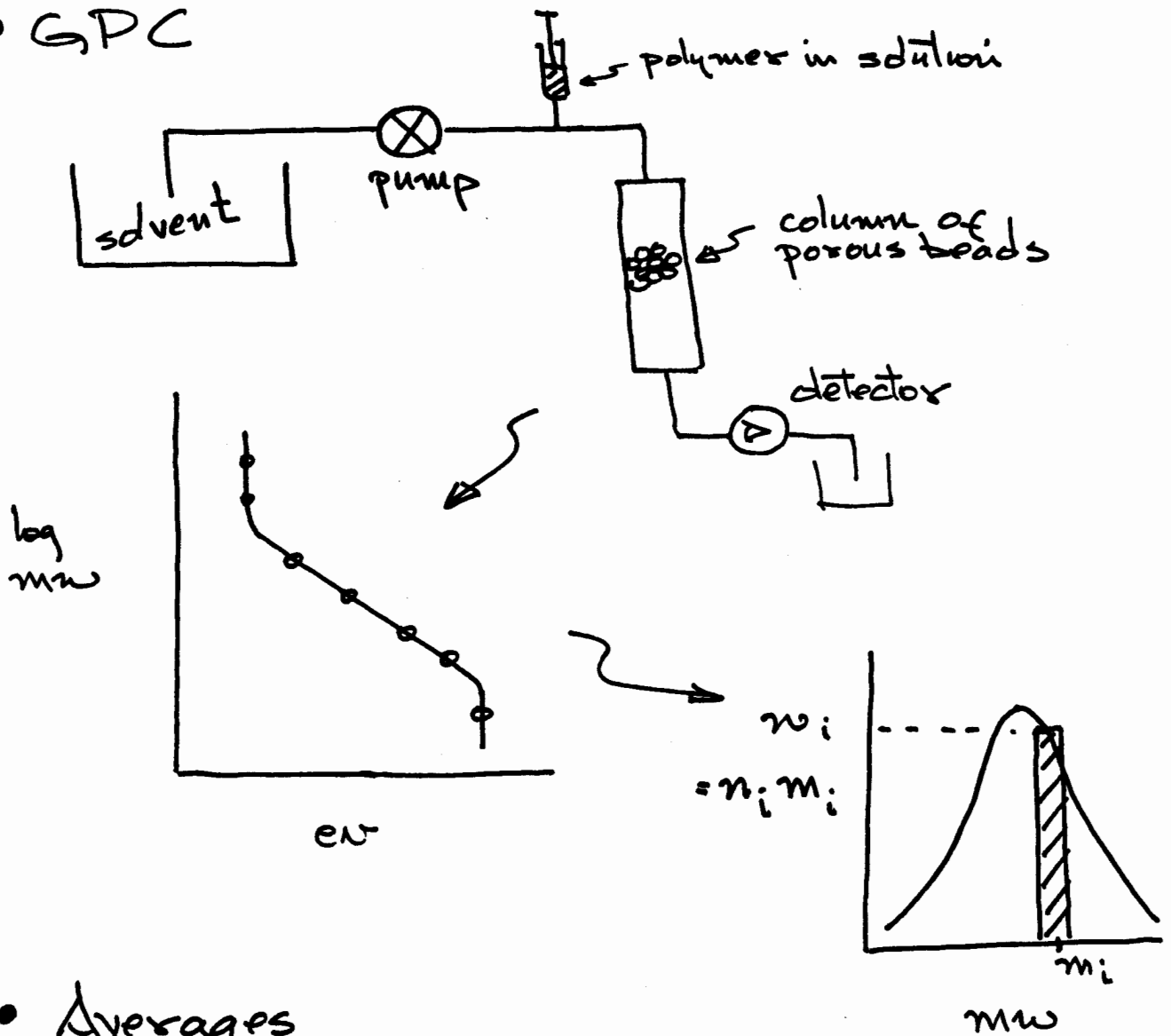
- Tacticity eq PP



- Ziegler-Natta catalysts

Molecular Weight Distributions

• GPC



• Averages

$$\bar{M}_n = \frac{\sum n_i m_i}{\sum n_i}$$

$$\bar{M}_w = \frac{\sum n_i m_i^2}{\sum n_i m_i} = \frac{\sum n_i m_i^2}{\sum n_i m_i}$$

$$D = \bar{M}_w / \bar{M}_n$$