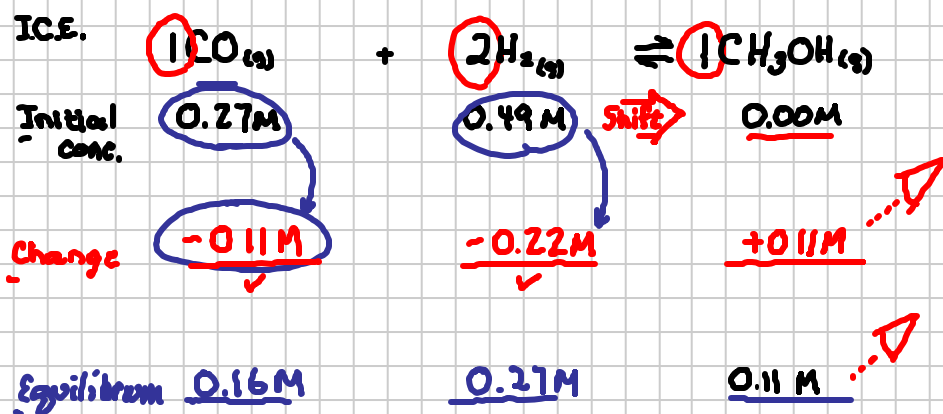


Lecture 7.3 Determining Equilibrium Constants.

Note Title

9/19/2011

Example: Calculate K_c , the equilibrium constant @500K for the following rxn.



$$K_c = \frac{[\text{CH}_3\text{OH}]^1}{[\text{CO}]^1 [\text{H}_2]^2}$$

Equilibrium conc.

$$K_c = \frac{(0.11\text{M})^1}{(0.16\text{M})^1 (0.27\text{M})^2}$$

$$K_c = 943 = 9.4$$

@500K.

