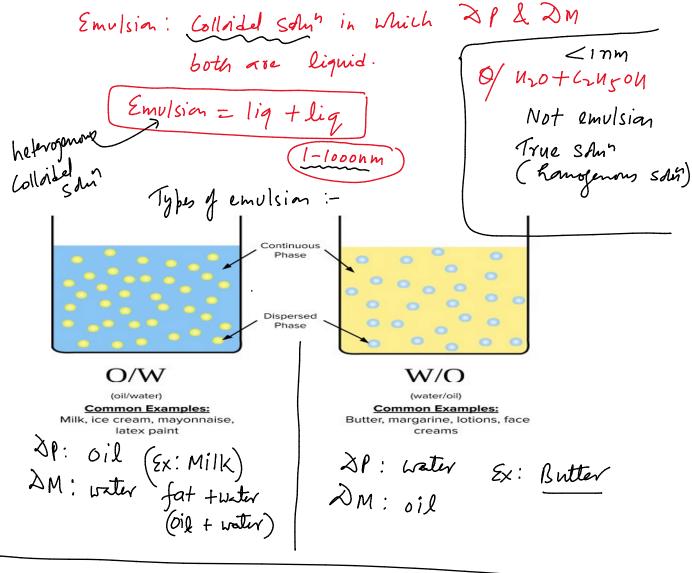
Thursday, February 17, 2022 9:25 AM

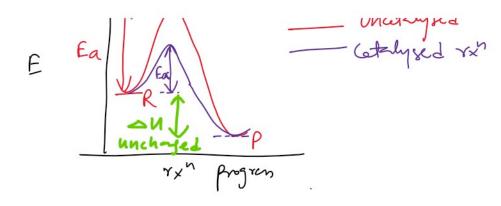


Catalyst & Cetalysis

Cetalyst: - Snbs. Which for & ror participating (involving) in xxn.

-> They decreese Ea without changing value of

- unathyrd - Catalyrd xxn



Types of cetalyst

Positive Catalyst

Ex: Decomposion of K(103)

K(103) $\xrightarrow{}$ K(1+02)

Wigh temp is

Verwised

 $K(10_3 \xrightarrow{Mn0_2} K(1+0_2)$ $\delta x^h Con occur at low temp.$

 ξ_X : $N_2 + 3N_2 \longrightarrow 2NN_3$

t = 10 hours

N2 + 3 M2 == 2 N M3

tegm = 1 hour

Cetalyst & tepm

Negetive Catalyst

Ex: Nydrogenetian of altyre

 $\frac{c_{13}-c=c-c_{13}}{\rho_{2}} \xrightarrow{\frac{1}{\rho_{2}}} \frac{n_{2}}{c_{13}-c_{11}} = c_{11}-c_{11}$

Chz-chz-chz

 $CN_3-C=C-CN_3 \xrightarrow{N_2/Pd} CN_3-CN=CN-CN_3$ $OR \xrightarrow{M_2/Pd} QVe$ $Prison \begin{cases} Basoy|S/OQ| & Ghlyst \end{cases}$

Catalyst do though Value of Kep.