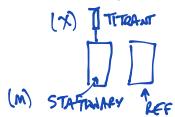
LAST CLASS: HIGH SO POINTS TO IMPORTANCE OF HYDROPHOBIC CREEK FOLDING.

WHAT ABOUT INFORCTIONS BETWEEN BAMBLECULES?

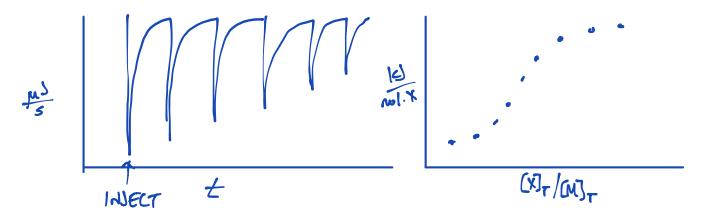
PLUBE BY ISOTHERMAL TITRATION CAUPLINETRY.



DIAJECT SMALL AMOUNT OF TITCANT

(2) APPLY POWER TO STATISHARY OR REC CELL TO MAINTAIN SAME TEMP IN BOTH CELLS.

(M) STATIMARY REF 3 MEASURE POWER



$$M + X \rightleftharpoons MX$$

$$M_T = ToTAL[M]$$

$$X_T = ToTAL[X]$$

IF ENTHALPY CHANGE, THIS WILL EVOLVE/TAKE UP ITEMT.

SCOTHERMIC ENDOTHERMIC

dH = SQ (NO PdV WORK)

IF WE DUMP A TON OF THEAST IN, GO TO ALL MX. GSQ - AH.

WANT MORE INFORMATION.

ADD A LITTLE TITRAST :

SO WHAT DETERMINES MX; ? [W]T, [X]T, KI

$$K_{D} = \overline{(MX)} \times \overline{(XY - MX)}$$

$$K_{D} = \overline{(MX)} \times \overline{(XY - MX)}$$

$$MX = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

$$MX = \frac{(K_0 + M_T + X_T) - \sqrt{(K_0 + M_T + X_T)^2 - 4(M_T + X_T)^2} - 4(M_T + X_T)^2}{2}$$

IF WE KNOW KO, WE CAN CALCULATE [MT]. IF WE KNOW AH AND MT, WE CAN CALCULATE Q (NHAT HE OBSERVE). GVESS AND CHECK

FIT A MODEL WITH SINGLE KO AND AH TO ALL OBSERVED HEATS VS. [X]_T.
IF YOU KNOW AH AND AG (-RTL/K), YOU CAN FIND AS.

HOW CAN WE KE TO LEARN MECHANISM?

ΔH(T) = ΔH_{REF} + ΔG (T-TREF) DO ITC @ MULTIPLE TEMP. IF ΔCP >Ø, LARGE HYDROPHUBIC CONTRIBUTION.