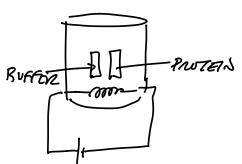
DIFFERENTIAL SCANNISG CALLULIMETRY (DSC) 10/11/19

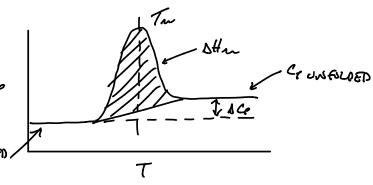
LAST CLASS: IF WE KNOW DCO, DH (TREE), AND DS (TREE)
WE CAN OBTAIN DG(t). THIS LETS US LEARN ABOUT THEOLOGYPHAMICS
OF REACTIONS AT BIOLOGICAL TEMPERATURE FROM THINGS LIKE
THORMAL NELTS. THE T DEPENDENCE OF DG ALSO TELLS US
INFORMATION ABOUT MOLECULAR DRIVING FORCES.

DSC IS A POWERFUL WAY TO DETERMINE THESE PARAMETRES.



APPLY HEAT AND NEASURE TEMPORATURE.

PLOT CO VS T.



HU DO WE LET AH?

SCORT = SH = INTEGRATE NUMBRICALLY.

HOW TO WE GET SSREF?

$$C T_{n} \Rightarrow \Delta G(T_{n}) = \emptyset$$

$$\Delta G(T_{n}) = \Delta H(T_{n}) - T_{n} \Delta G(T_{n})$$

$$\emptyset = \Delta H(T_{n}) - T_{n} \Delta G(T_{n})$$

$$\frac{\Delta H(T_{n})}{T_{n}} = \Delta G(T_{n})$$

FINALLY:

- BY CONVENTION, MUST PEOPLE IN THIS FIELD USE F-> U...
- COPILIED L COUNTAINED BECAUSE WATER IS MULE CHANCED IS
 THE UNFOLDED SPATE. ABSORBS APPLIED HEAT.