PROTEIN FOLDING

CONSIDER A BEFF - HAIRPW FORMING PERFIDE AS A SIMPLE LATTICE MODEL:

UNFOLDED FOLDED **M**(((**(** ()=-8 N= 1 E>0 1)=0 N=4 DISTUCT

- CONFORMATION (
- (1) WHAT IS THE PROBABILITY PROLOGO (B) OF THE FOLDED STATE AS A FUNCTION OF INVENSE TEMPERATURE 1 = 1/2 Z
- (2) WHAT IS THE SMRILITY OF THE FOLDS D STAFFS, DF(B) = FUNGOLDED (B) - FROLDED (B) IN UNITS OF KBT?
- (3) AS TEMPERATURE T INCREASES, MON DOES AF CHUGE? DOES IT GET MORE POSITIVE (de AF >0) OR NEGATIVE (JAF < 0) ?
- (4) AT WHAT TONGRATURE I'M IS THE PROTEIN SOZO UNFOLDED (AF =0) 2