Ideal Gases (non-interacting port. - was and was Petit criterion for "classical" behavion DEN -> seperation a ~ Trys for class behavior assign volum to quantum state 275 N TT <</ Ag: o ; Ab thermal momentum a >> 1/28 -> 1/2 >> 2ma2 三元=ハ if port don't then each part on be veg orded as sepenate then to = W = Ext BEK The a e Bet Oibbe petit mormalized Zin = N Grand case energite Enn ne won on IN W = 13 & W (=)

Gibbs Granden semble W = EB(2++7)/E-1/E Norm - W= etsishings 5 m = 1 = w + w ... The stop converges

The work to the stop

The Classical particle energies

Ex = \$7/2m + Usq)

O (gonty) normalize Sn(59) dbdq=N = 人のかるでは、一年ナジナヤンコー home work do integral =N