



A+B = AB

1

nanb & Pape

- understandable, population proportional to
Boltzmann weighted sum over states available.

 $K_{UJ} \angle h_{AB}(v,J) f_{UJ} = h_{AB} (2J+1) e^{-\epsilon_{UJ} / kT} f_{UJ}$

relative weight of initial State to total part finch

but con write nam 2 na nB QAB QAB

i.e. total occupied states relative to availability
is related for molecule of atoms
(modified by a zero point energy correction
and mass correction to translational parts)

so com write to d TAMB





But to co	ve'll	still	reed	K	, egi	uilibrui	m contr
equilib	prium	calcu	lation	•		7,000	