C) Force:

$$P(0) \cdot A = n(0) \text{ kT} \cdot A \qquad \text{(ideal gas)}$$

$$P(L) \neq n(L) \cdot \text{kTA}$$

$$\left[P(0) \cdot P(L)\right] \cdot A = n \cdot \frac{\beta s L}{1 - e^{-\beta s L}} \left(1 - e^{-\beta s L}\right) \cdot \text{kT} \cdot A$$

$$= n_0 \int_{\Gamma} A \qquad \left(n(0) \cdot n(L) \right) \quad \text{for als possible for a possi$$

Grand Canonically התשת בנות לפי פקטור דולצאן a) Prob(z) & e-Bfz U(s) = U(0). 6-18/2 garding undi, 2,2 משכעל לבי $\frac{1}{L} \int n(z) dz = n_0$ 10) C-B/2/2 = 100 1-e-18/2 = no $Q_{N=0}^{lower} \stackrel{\infty}{\leq} e^{\beta \mu N} Z_{N} = \stackrel{\infty}{\leq} \frac{1}{N!} \left(e^{\beta (\mu + \varepsilon)} \cdot \frac{A}{\lambda^{2}} \right)^{N} = e^{\chi \rho} \left(e^{\beta (\mu + \varepsilon)} A \right)^{N}$ Queen = exp(ep(mre-fr) A) Nhower = +kT $\frac{2hQ}{2m} = +kT \frac{2(e^{\beta(mre)})}{\lambda^2} = \frac{A}{\lambda^2} \cdot e^{\beta(mre)}$ Nupper = A. eB(MxE-gL) 2m M=(onst= M(z=0) = Mideal = KTh (n(0)x3) 18 19NW show Stop 66 (1) x3

Numer=An(v) $\lambda e^{\beta E} \int 1$ bottom plate

[e-Bg2 top plate]

הכם כעו גיתרגו הקטעני.