BOUND SOLUTIONS

EXAM #2

I. 
$$dP = \frac{3P}{3P} |_{x} dT + \frac{3P}{3N}|_{y} dV$$

$$\frac{2P}{3N} = \frac{1}{\sqrt{N}} |_{x} dT + \frac{3P}{3N}|_{y} dV$$

$$\frac{2P}{3N} |_{x} = \frac{1}{\sqrt{N}} |_{x} dV + \frac{3P}{2N}|_{y} dV = \frac{1}{\sqrt{N}} |_{x} dV + \frac{3P}{2N}|_{x} dV = \frac{1}{\sqrt{N}} |_{x} dV + \frac{1}{\sqrt{N}} |_{x} dV = \frac{1}{\sqrt{N}} |_{x} dV + \frac{1}{\sqrt{N}} |_{x} dV = \frac{1}{\sqrt{N}} |_{x} dV = \frac{1}{\sqrt{N}} |_{x} dV = \frac{1}{\sqrt{N}} |_{x} dV + \frac{1}{\sqrt{N}} |_{x} dV = \frac{1}{\sqrt{N}} |_$$

$$\phi = \left[ \int_{0}^{2\pi} d\theta \right]^{N} \begin{cases} dd_{i} \end{cases} = (2\pi)^{N} \cdot \frac{\text{VOLUME OF N SIMBULATIONS}}{\text{SIMBLE OF BASIOI } \sqrt{2IE}}$$

$$E = \frac{di^{2}}{2I} < E$$

$$\approx (2\pi)^{N} \left(2\pi I E\right)^{N/2} = (2\pi)^{N} \left(\frac{4\pi e I E}{N}\right)^{N/2}$$

$$\Omega = \Delta \frac{d\phi}{d\epsilon} = \left(\frac{N\Delta}{2\epsilon}\right) (2\pi)^N \left(\frac{q\pi e \tau}{N}\right)^{N/2}$$

$$\Omega = \Delta \frac{d\phi}{d\epsilon} = \frac{\left(\frac{N\Delta}{2\epsilon}\right)(2\pi)^N \left(\frac{\sqrt{\pi}e^{\frac{\pi}{2}\epsilon}}{N}\right)^{N/2}}{\left(\frac{2\pi}{N}\right)^{N-1}}$$

$$\frac{1}{\sqrt{\rho(\theta)}} = \Omega'(\text{one anone fixe})/\Omega = \frac{(2\pi)^{N-1}}{(2\pi)^N}$$

$$\Omega' = \left(\frac{(\omega-1)\Delta}{2(E-4\frac{\lambda}{2})}\right)(2\pi)^{N}\left(\frac{4\pi e \, I \left(E-4\frac{\lambda}{2}\right)}{N-1}\right)^{(N-1)/2}$$

E WIL BE REPLACED BY NLL2>/2I

$$\frac{1}{T} = \frac{\partial S}{\partial S}|_{N} = k \frac{1}{\phi} \frac{\partial \phi}{\partial S}|_{N} = k \frac{1}{\phi} \left(\frac{V}{2} \stackrel{!}{=} \phi\right) = \frac{Nk}{2E}$$

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