$$AOG \qquad E(e) = 2|p|^{3(b-1)} \qquad (Rom Kuong 6.5)$$

$$R_{i} = \frac{hn_{i}}{L} \qquad Pi3si(Jii)$$

$$Y = \frac{3}{3}(rel), \quad Y = \frac{3}{3}(rel) \qquad Nik N2I3$$

$$E(e) = \frac{1}{h^{3N}} \int \prod_{k=0}^{N} d^{3}p; d^{2}q;$$

$$Epf q for Pi3rlute rist for q -7 11 for 11/e 2(11/e)
$$= \frac{V^{N}}{h^{3N}} \int \prod_{k=0}^{N} d^{3}p;$$

$$R = \left(\frac{E}{a}\right) \frac{3(e)}{3(e)} \qquad Pi3rlute$$

$$E(e) = \left(\frac{V}{h^{3}}\right)^{N} \int_{3N} (R) \qquad Distribute$$

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$$E(e) = \frac{3N}{3(e)} \left[\frac{N}{h^{3}} \prod_{k=0}^{3N} \left(\frac{E}{h^{3}}\right)^{N} \right] \qquad URiford Pine$$

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$$S = k \ln \Gamma$$

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$$C_{V} = \begin{cases} \frac{\partial (\mathcal{E}^{1}PV)}{\partial T} = \frac{\partial}{\partial T} \left(\frac{NkT}{Y-1} + NkT \right) = \frac{Nk}{Y-1} \\ \frac{\partial}{\partial T} = \frac{\partial}{\partial T} \left(\frac{NkT}{Y-1} + NkT \right) = \frac{Nk}{Y-1} \\ \frac{\partial}{\partial T} = \frac{\partial}{\partial T} \left(\frac{NkT}{Y-1} \right) = \frac{Nk}{Y-1} \\ \frac{\partial}{\partial T} = \frac{\partial}{\partial T} \left(\frac{NkT}{Y-1} \right) = \frac{Nk}{Y-1} \\ \frac{\partial}{\partial T} = \frac{\partial}{\partial T} \left(\frac{NkT}{Y-1} \right) = \frac{Nk}{Y-1} \\ \frac{\partial}{\partial T} = \frac{\partial}{\partial T} \left(\frac{NkT}{Y-1} \right) = \frac{Nk}{Y-1} \\ \frac{\partial}{\partial T} = \frac{\partial}{\partial T} \left(\frac{NkT}{Y-1} \right) = \frac{Nk}{Y-1} \\ \frac{\partial}{\partial T} = \frac{\partial}{\partial T} \left(\frac{NkT}{Y-1} \right) = \frac{Nk}{Y-1} \\ \frac{\partial}{\partial T} = \frac{\partial}{\partial T} \left(\frac{NkT}{Y-1} \right) = \frac{Nk}{Y-1} \\ \frac{\partial}{\partial T} = \frac{\partial}{\partial T} \left(\frac{NkT}{Y-1} \right) = \frac{Nk}{Y-1} \\ \frac{\partial}{\partial T} = \frac{\partial}{\partial T} \left(\frac{NkT}{Y-1} \right) = \frac{Nk}{Y-1} \\ \frac{\partial}{\partial T} = \frac{\partial}{\partial T} \left(\frac{NkT}{Y-1} \right) = \frac{Nk}{Y-1} \\ \frac{\partial}{\partial T} = \frac{\partial}{\partial T} \left(\frac{NkT}{Y-1} \right) = \frac{Nk}{Y-1} \\ \frac{\partial}{\partial T} = \frac{\partial}{\partial T} \left(\frac{NkT}{Y-1} \right) = \frac{Nk}{Y-1} \\ \frac{\partial}{\partial T} = \frac{\partial}{\partial T} \left(\frac{NkT}{Y-1} \right) = \frac{Nk}{Y-1} \\ \frac{\partial}{\partial T} = \frac{\partial}{\partial T} \left(\frac{NkT}{Y-1} \right) = \frac{Nk}{Y-1} \\ \frac{\partial}{\partial T} = \frac{\partial}{\partial T} \left(\frac{NkT}{Y-1} \right) = \frac{Nk}{Y-1} \\ \frac{\partial}{\partial T} = \frac{\partial}{\partial T} \left(\frac{NkT}{Y-1} \right) = \frac{Nk}{Y-1} \\ \frac{\partial}{\partial T} = \frac{\partial}{\partial T} \left(\frac{NkT}{Y-1} \right) = \frac{Nk}{Y-1} \\ \frac{\partial}{\partial T} = \frac{\partial}{\partial T} \left(\frac{NkT}{Y-1} \right) = \frac{Nk}{Y-1} \\ \frac{\partial}{\partial T} = \frac{\partial}{\partial T} \left(\frac{NkT}{Y-1} \right) = \frac{Nk}{Y-1} \\ \frac{\partial}{\partial T} = \frac{\partial}{\partial T} \left(\frac{NkT}{Y-1} \right) = \frac{Nk}{Y-1} \\ \frac{\partial}{\partial T} = \frac{\partial}{\partial T} \left(\frac{NkT}{Y-1} \right) = \frac{Nk}{Y-1} \\ \frac{\partial}{\partial T} = \frac{\partial}{\partial T} \left(\frac{NkT}{Y-1} \right) = \frac{Nk}{Y-1} \\ \frac{\partial}{\partial T} = \frac{\partial}{\partial T} \left(\frac{NkT}{Y-1} \right) = \frac{Nk}{Y-1} \\ \frac{\partial}{\partial T} = \frac{\partial}{\partial T} \left(\frac{NkT}{Y-1} \right) = \frac{Nk}{Y-1} \\ \frac{\partial}{\partial T} = \frac{\partial}{\partial T} \left(\frac{NkT}{Y-1} \right) = \frac{Nk}{Y-1} \\ \frac{\partial}{\partial T} = \frac{\partial}{\partial T} \left(\frac{NkT}{Y-1} \right) = \frac{Nk}{Y-1} \\ \frac{\partial}{\partial T} = \frac{\partial}{\partial T} \left(\frac{NkT}{Y-1} \right) = \frac{Nk}{Y-1} \\ \frac{\partial}{\partial T} = \frac{\partial}{\partial T} \left(\frac{NkT}{Y-1} \right) = \frac{Nk}{Y-1} \\ \frac{\partial}{\partial T} = \frac{\partial}{\partial T} \left(\frac{NkT}{Y-1} \right) = \frac{Nk}{Y-1}$$

$$\frac{C_{P}}{C_{V}} = \gamma$$

שונדר הקניע ...