ga deal Klen Kraln popietete ted mod nem book partifulak: (navaton Krok berdin - berdinak angeak (elkane kentrank groelk) ex-redinak

S(N,V,E) reulatia kalkulah, limite antih hVhran

Er N patipuler mot take sistemalli britale akatom-gradu

V = L3 patikule bakama

$$n_{x}^{2} + n_{y}^{2} + n_{x}^{2} = \frac{8m \sqrt{3}}{h^{2}}$$
. ϵ

$$n_{x}^{2} + n_{y}^{2} + n_{x}^{2} = \epsilon^{4}$$

$$2(1, V, E)$$

$$\epsilon = \frac{8m \sqrt{3}}{h^{2}}$$
. $\epsilon = \epsilon^{4}$

$$\epsilon = \frac{8m \sqrt{3}}{h^{2}}$$
. $\epsilon = \frac{6}{4}$

8m√³. € = €*

partifale

$$\sum_{r=1}^{N} \left(n_{x}^{2} + n_{y}^{2} + n_{z}^{2} \right)_{r} = \sum_{r=1}^{3N} n_{r}^{2}$$

$$\sum_{r=1}^{3N} n_{r}^{2} = \sum_{r=1}^{4N} n_{r}^{2}$$

$$\sum_{r=1}^{3N} n_{r}^{2} = \sum_{r=1}^{4N} n_{r}^{2}$$

reneizanset duena, eyan leguns de honsko han: (Et enrolisho 3N dinentrisko esfenda ganaration daple some-portion Kopune

- Kopen hai to en frate on mepulon Q (E")

- nagulartate hui gentrate danteke buturs! $\leq (e^{\kappa})$ linkoli:

1-21-021 1-22-022 1-25-025 1-23-023

$$\mathcal{Z}(N'\Lambda'E_i) = \mathcal{Z}(N'\Lambda'E_i)$$

$$\leq_{N}(E^{n}) = \leq \Omega_{N}(E^{n})$$

$$= (1-19-019)$$

$$= (-20-020)$$

5. $E_N(E^{\bullet})$ kulkulafiko duga

$$\Xi_{N}(\mathbb{E}^{n}) \approx \left(\frac{1}{2}\right)^{3N} \left\{\frac{1}{2N}\right\}^{\frac{3N}{2}} \cdot \left(\mathbb{E}^{n}\right)^{\frac{3N}{2}}\right\}$$

$$1-28-028$$

E 18 =

$$\leq (h^1 h^2) \approx \left(\frac{h_3}{\Lambda}\right)_N \frac{\left(\frac{1}{3N}\right)_1^2}{\left(\frac{3N}{3N}\right)_1^2}$$

Strlug:
$$\lfloor n \, n \rfloor = n \, \lfloor n \, n - n \, \left(\lim_{n \to \infty} \frac{n!}{\sqrt{n} \, n \left(\frac{n}{e} \right)} = 1 \right)$$
 wiki

Ln

$$\operatorname{Lm} \leq \left(N_{1}V_{1}E\right) \approx N \operatorname{Lm} \left(\frac{V}{h^{3}}\left(\frac{4\pi mE}{3N}\right)^{3/2}\right) + \frac{3}{2}N$$

$$1-29-029$$

6.
$$\Gamma(N,V,E;\Delta) \approx \frac{\partial}{\partial E} \left(\mathcal{E}(N,V,E) \right) \cdot \Delta \approx \frac{3N}{2} \cdot \frac{\Delta}{E} \mathcal{E}(N,V,E)$$

1-26-026

1-17-027

1-30-030

1-31-09

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