Makro q, V, E

$\vec{q} \in V$

$E = \frac{1}{2}m P^2$

$\longrightarrow$ anzahl orteilchetateilk

definiert $\Sigma(P)$ ⟶ fein-reparvam epin erges Raolkulen

mikrozustän Kpma

ω
III
$\int \cdots \int d^3q\, d^3p$ aldatales dat blurven $\xrightarrow{\text{leve}}$ E

$\underbrace{\int d^3q}_{V}$ $\int\limits_{p \le P} d^3p$
III
$\frac{4}{3}\pi P^3$

$$\Sigma(P) = \frac{1}{h^3} \cdot V \cdot \frac{4}{3}\pi P^3$$

$\Downarrow$

bete Kontopla bet: p eta p+dp
monchoren bealiren artellos $\Sigma = \Sigma(P)$
mikugoren Kopma   funtorie

$\Downarrow$

$g(P) \equiv \dfrac{d\Sigma(P)}{dp} \Rightarrow$ $\quad g(p)\,dp = \dfrac{1}{h^3} \cdot V\, 4\pi p^2\, dp$

$$\Sigma(E) = \frac{1}{h^3} V \frac{4\pi}{3}(2mE)^{3/2}$$

E, Kontra!

$$a(E)\,dE = \frac{1}{h^3} V\, 2\pi(2m)^{3/2} E^{1/2}\,dE$$

$$\Gamma = \frac{\text{fein-eparsirles boluvena}}{\text{mikroglraren bluren elenatala}}$$