$$n(n+1) = \int f(r, v+1) dv \rightarrow \frac{\partial f}{\partial t} = \frac{\partial f}{\partial t} \int dv = \int \frac{\partial f}{\partial t} dv.$$

$$\vec{u}(n+1) = \frac{1}{n!} \int \vec{v} f(r, v+1) dv.$$

$$\int \vec{v} \cdot \nabla r \int dv = \int (\nabla r \cdot (\vec{v} f) - \int \nabla r \cdot \vec{v}) dv = \nabla r \cdot \int (\vec{v} f) dv - \int \int \nabla r \cdot \vec{v} dv.$$

$$\vec{x} V_X \neq X \Rightarrow \vec{x} \cdot \vec{k} \cdot \vec{k}$$

 $\rightarrow$  Ne +  $\frac{kI}{eE}$   $\nabla$  Ne = 0.

为税解的 Ne = No exp(-et·r)=0

1.  $\frac{\partial f}{\partial t} + \vec{V} \cdot \nabla_r f + \frac{\vec{F}}{m} \cdot \nabla_r f = 0$ 

-> ne= no exp ( eφ(r) )=0.

由 P= nekT, NI DP= Dne FT. 因为可=0, 所以 DP= FT. Dne.