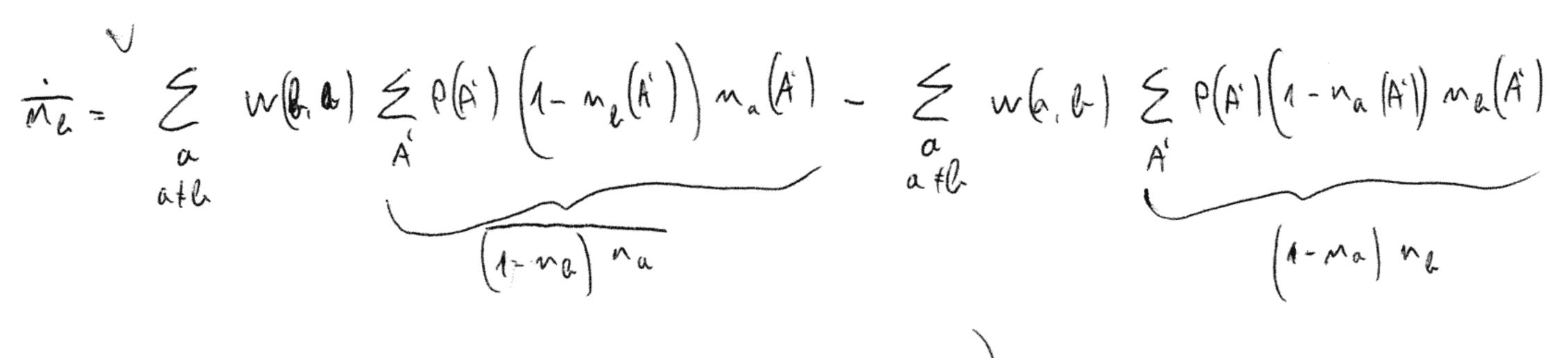
Boltman equilit Nemegyandyi shiribilin finite when
$$E = E$$

nimitypy (identic) ~ magingult s outr equilit
 $A = \{ \dots, M_{n-1}, \}$ be latilitic mined intervelop pl as (p, F)
 $i(A, t) = \sum_{A} (W(b, A), P(A', t) - W(A', A), P(A, t))$
 $i(A, t) = \sum_{A} P(A) m(A)$
 $m_{E} = \sum_{A, n'} W(a, A) P(A')(m_{E}(A) - m_{E}(A))$
 $W(A, A) + O$ he Area N in A cyclic entrule
 $M = \{ \dots, M_{n-1}, \dots, M_{n-1}\}$ be in a directed at map?
 $M = \{ \dots, M_{n-1}, \dots, M_{n-1}\}$ $W(A, A) + O$ he Area N in A cyclic entrule
 $M = \{ \dots, M_{n-1}, \dots, M_{n-1}\}$ $W(A, A) + O$ he Area N in A cyclic entrule
 $M = \{ \dots, M_{n-1}, \dots, M_{n-1}\}$ $M = \{ \dots, M_{n-1}, \dots, M_{n-$

 $z W(B, a) \geq P(A;) (1 - ne(A')) n_{a}(A') = W(A)$



$$\overline{w}_{l} = \sum_{\alpha} w(w(h,\alpha)(1-nb)ma - w(\alpha,b)(1-na)mb)$$

$$(afb)$$

$$W(b,a) = \frac{2\pi}{h} \mathcal{S}(\varepsilon - \varepsilon_a) \left[\langle b | M | a \rangle \right]^2 = W(a,b) \quad (idif i i hvördri nimm)$$

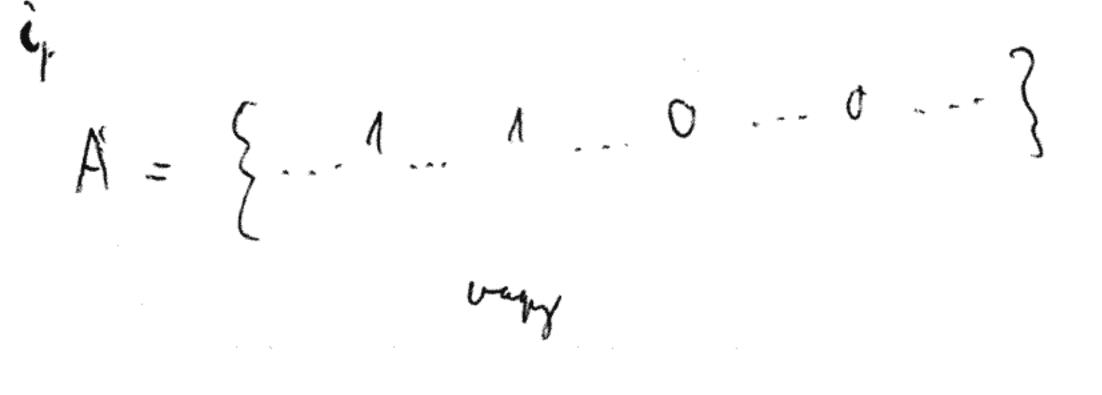
$$\overline{Me} = \sum_{a}^{a} W(b,a) \left(\overline{Na} - \overline{Ne} \right)$$

.

$$\overline{M}_{f} = \sum_{\alpha \neq b} w(b_{\alpha}) (n - \overline{n_{\alpha}}) \overline{n_{\alpha}} - w(a, b) (n - n_{\alpha}) \overline{n_{\alpha}}$$

Webreeste folgamatoh

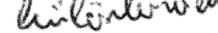
$$k = \begin{cases} 0 & 0 \\$$



$$A = \{ 1, ..., 1, ..., 0, ..., 0 \}$$

$$A = \{ ..., 0, ..., 0, ..., 0 \}$$

 $\overline{n_{e}} = \sum w (h_{i}a_{1})a_{2}a_{3} w (h_{i}a_{1})a_{2}a_{3} (1-n_{e})(1-n_{e}) - w (a_{2},a_{3})h_{i}a_{1} w (h_{i}a_{1})(1-n_{e})(1-n_{e})$ a, azaz (b,a, az, az) biborliniek)

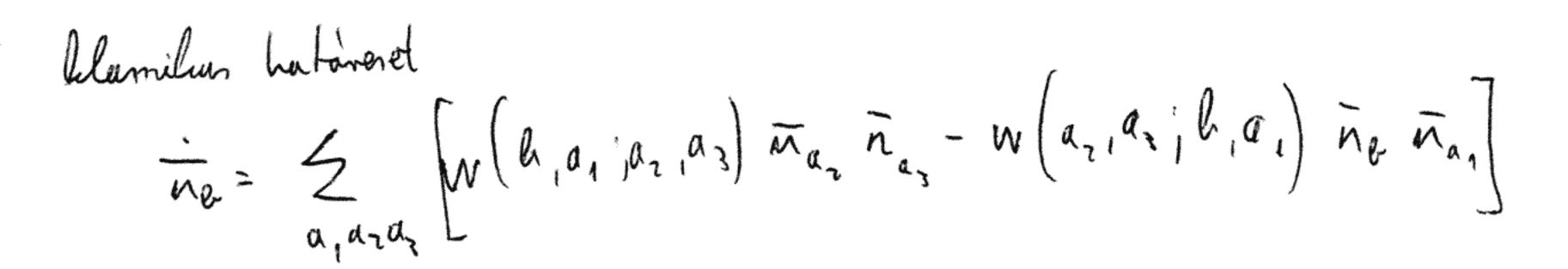


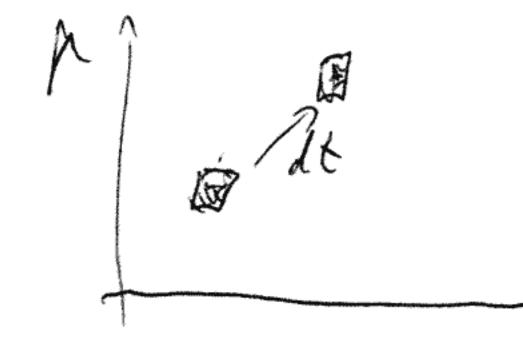
üj

지수는 것이 아이들은 것이 같아요. 이 지수는 것은 것은 것이 같아요. 이 것이 같아요. 이 것이 같아요. 것이 같아요. 이 것이 같아요. 이 것이 같아요. 이 것이 같아요. 이 것이 것이 것이 같아요.

Boltman - equalit: (nétratalairon)

$$\dot{n}_{e} = \sum_{a_{1}a_{1}a_{2}} \left[w \left(b_{1}a_{1} \right) a_{2}a_{3} \right) \overline{m}_{a_{2}} \overline{m}_{a_{3}} \left(1 - \overline{m}_{e} \right) \left(1 - \overline{m}_{a_{1}} \right) - W \left(a_{2}a_{3} \right) \overline{m}_{e} \overline{m}_{a_{1}} \left(1 - \overline{m}_{e_{2}} \right) \left(1 - \overline{m}_{a_{3}} \right) - W \left(a_{2}a_{3} \right) \overline{m}_{e} \overline{m}_{a_{1}} \left(1 - \overline{m}_{e_{2}} \right) \left(1 - \overline{m}_{e_{3}} \right) \right]$$





A(r.r.t) betilterinden-minine

 $\int dr f(x, r, t) = n(x)$

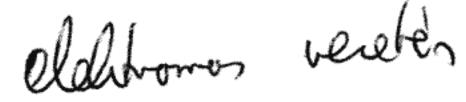
 $f(\mathbf{r},\mathbf{r},t)d^{*}d^{*}p = f(\mathbf{r}+\mathbf{r})d^{*}dt_{\mathbf{r}} + \mathbf{F}dt_{\mathbf{r}}dt_$ Liverbille - Litel : excelieb df, df f f df <u>F</u>=0 villionentes Boltmann dt dr m dp m

21 + J= m + Jf # = (2f) will

 $\mu! \quad \text{llemilus give:} \left(\frac{\partial f}{\partial t}\right)_{iill} = \left[d_{p,i}d_{p,i}d_{p,i}w\left(p, p_{i}; p_{i}; p_{i}\right)f(x, p_{i}; t)f(x, p_{i}; t)\right] - w\left(p_{i}; p_{i}; p_{i}; p_{i}\right)f(x, p_{i}; t)f(x, p_{i}; t)\right]$

Relaxduis idi horolites fo(m, r, t) star megolding, aver (2fo) - 0

f= fot g hørelikes (27) il 2 - q = - f. to Flith 2 - q = - E



E= 12/2m $IPh + o(\epsilon(n))$ stac, férher homogén megoldis $-cE \frac{\partial f}{\partial r} = -\frac{f-f_{o}}{\tau}$ de K=h Ja m grange elektroner ton: E. Cer legalerongobb vordig $-\overline{oE}\frac{\partial k}{\partial t} = -\frac{\overline{t-to}}{E} = 2 \quad t = t_0 + \overline{ecE}\frac{\partial t}{\partial t} = t_0 + \overline{ecE}\frac{\partial t}{\partial t} = t_0 + \overline{ecE}\frac{\partial t}{\partial t} = t_0 + \overline{ecE}\frac{\partial t}{\partial t}$

 $j = -ev = -e \int d^3r f(\varepsilon(r)) \frac{F}{m} = -e \int \delta^3r f_0(\varepsilon(r)) \frac{F}{m} - e^2 c \int d^3r \frac{\partial F}{\partial \varepsilon}(v E) v$

O alway varjul, vargin

Aulso der relluit j=0

 $\sigma_{x\beta} = i \tau \int d^3 n \left(\frac{-\partial f_0}{\partial E} \right) v_{x} \cdot v_{\beta}$ JJ=ZJAFF $j = \overline{Q} \cdot \overline{E}$

blanikus hatareretter, veneeskarantene $f_0 = n \cdot C \cdot e^{-\frac{p^2}{2mat}}$ $n v_{d} \cdot v_{\beta} = n \cdot \delta_{d\beta} \overline{v_{d}}^{2} = n \frac{h_{\alpha}}{m}$ $\frac{\partial f_{\sigma}}{\partial \varepsilon} = -\frac{1}{\kappa_{\sigma}T} f_{\sigma}$ degenerált elektorojar G(E) $\mathcal{T}_{AB} = e^2 \int d^3 \mu \left(-\frac{\partial f_0}{\partial E} \right) v_A \cdot v_B \mathcal{T}(E) = e^2 \int d\mu \mu' \int d\Omega \left(\frac{u_A v_B}{v^2} \right) v_C^2 \left(-\frac{\partial f_0}{\partial E} \right) \mathcal{T}(E) =$

$$\int d\vartheta \frac{\omega_{L} w_{p}}{\omega^{2}} = \delta_{AP} \cdot \frac{1}{3} t_{T}$$

$$= e^{2} \delta_{AP} \frac{\omega_{T}}{3} \int d\mu \mu^{2} \left(-\frac{\partial f_{0}}{\partial \varepsilon}\right) C(\varepsilon) \left(\frac{\mu}{m}\right)^{2} = d(\varepsilon)$$

$$\psi_{2} = \nu \omega_{T} \psi \psi$$

$$W_{q} = \psi \omega_{T} \psi$$

$$W_{q} = \psi \omega$$

$$W_{q}$$

- XA m 3 $(P) \setminus (f)$