$$\left(\frac{\partial \Omega_1(E_1)}{\partial E_1} \right)_{E_1 = \overline{E}_1} \Omega_2(\overline{E}_2) + \Omega_1(\overline{E}_1) \left(\frac{\partial \Omega_2(E_2)}{\partial E_2} \right)_{E_2 = \overline{E}_2} \cdot \frac{\partial E_2}{\partial E_1} = \mathbf{0}$$

$$\underbrace{\partial E_1}_{\partial E_1} = -\mathbf{A}.$$
waxingan!



$$\frac{1}{\Omega_{1}} \left(\frac{\partial \Omega_{1}(E_{1})}{\partial E_{1}} \right)_{E_{1} = \overline{E}_{1}} = \left(\frac{\partial \Omega_{2}(E_{2})}{\partial E_{2}} \right)_{E_{2} = \overline{E}_{2}}$$

EZ DAGO GNERGIA-TRUKE GIARBIRÌK

orpisitions bakationers botatake powere has
$$\beta \equiv \left(\frac{\partial \ln \Omega(N,V,E)}{\partial E}\right)_{N,V,E=\overline{E}}$$
 Temperaturamenta!

$$\left(\frac{\partial S}{\partial E}\right)_{N,V} = \frac{1}{T}$$

TERMODÍNAMIKATÍK ...

$$rac{\Delta S}{\Delta (\ln \Omega)} = rac{1}{eta T} = ext{konstante (oreka-ezotan)}$$
edszein műmentn Vasnan

BULEMANN

$$+ \left[S = k \prod_{i=1}^{N} \ln \Omega\right]$$



$$\beta = \frac{1}{kT}$$
 K \in K

rechusery

R = KB. NA