Entending constrained fre energy to real space . O We know that, $E(T) = \underbrace{z}_{n} \theta \left(-\underbrace{\zeta_{n}^{n}}_{n} \underbrace{z}_{n} T_{n} \underbrace{\xi_{n}^{n}}_{n} \right)$ Hince it's only a matter of then to is 'c J'... (c >0)

H' J' is a particular tol' then to is 'c J'... (c >0)

O we thus try to constrain J/w to a certain sol volume, which acts as normalization.

we assume (possimis Heally)

i).
$$\leq J_{ij}^{2} < N \implies \Theta(N - \leq J_{ij}^{2})$$

$$2). \leq \omega_{ij}^{2} < N \implies \Theta(N - \leq \omega_{ij}^{2})$$

O Going forward we'll un following approximations:

1). 1/12 = lim dzm /2). 2" = lim zn-1.

1). 1/12 = min. Jm /2).

O [d, a).
$$E^{a} = M - \sum_{i=1}^{N} (T_{i}^{a})^{2} \Rightarrow |ct E_{q} = e, \hat{E}_{a} = \hat{e}$$

i). $F^{r} = M - \sum_{i=1}^{N} (W_{i}^{r})^{2} \Rightarrow |cd F_{r} = f, \hat{F}_{r} = \hat{f}$

O The emperation for free energy that we finally soil is:

$$F(n) = \left(\prod_{i=1}^{n} (dJ^{a})^{\frac{n}{n}} \int_{a_{i}} (dW^{i})^{\frac{n}{n}} \prod_{i=1}^{n} \Theta(U^{i}) \cdot \Theta(V^{r}_{i}) \right) \left(\prod_{i=1}^{n} \Theta(E^{q}) \cdot \Theta(F^{r}) \right) \cdot e$$

$$F(n) = \left(\prod_{i=1}^{n} (dJ^{a})^{\frac{n}{n}} \int_{a_{i}} (dW^{i})^{\frac{n}{n}} \prod_{i=1}^{n} \Theta(U^{i}) \cdot \Theta(V^{r}_{i}) \right) \left(\prod_{i=1}^{n} \Theta(E^{q}) \cdot \Theta(F^{r}) \right) \cdot e$$

$$F(n) = \left(\prod_{i=1}^{n} (dJ^{a})^{\frac{n}{n}} \int_{a_{i}} (dW^{i})^{\frac{n}{n}} \prod_{i=1}^{n} (U^{i})^{\frac{n}{n}} \right) \left(\prod_{i=1}^{n} (J^{a})^{\frac{n}{n}} \right) \cdot e$$

$$F(n) = \left(\prod_{i=1}^{n} (dJ^{a})^{\frac{n}{n}} \int_{a_{i}} (dW^{i})^{\frac{n}{n}} \prod_{i=1}^{n} (J^{a})^{\frac{n}{n}} \right) \cdot e$$

$$F(n) = \left(\prod_{i=1}^{n} (J^{a})^{\frac{n}{n}} \int_{a_{i}} (J^{a})^{\frac{n}{n}} \prod_{i=1}^{n} (J^{a})^{\frac{n}{n}} \right) \cdot e$$

$$F(n) = \left(\prod_{i=1}^{n} (J^{a})^{\frac{n}{n}} \int_{a_{i}} (J^{a})^{\frac{n}{n}} \prod_{i=1}^{n} (J^{a})^{\frac{n}{n}}$$

Electronic and the company of the co

And the second s

 $\left\langle \prod_{\mathcal{A}} \left(\prod_{\mathcal{A}} \mathcal{O}(\mathcal{V}_{4}^{\mathcal{A}}) \cdot \mathcal{O}(\mathcal{V}_{7}^{\mathcal{A}}) \right) \right\rangle e^{\eta \sum_{i} J_{i}^{i} \omega_{i}^{i}}$

(16)

We bifurcate
$$S$$
 into these term.

 $S_{i}: emp\left\{-\left(N \underset{\alpha \in S}{\geq} l_{ab} + N \underset{k \in S}{\geq} l_{ar} \hat{k}_{a} + N \underset{\alpha \in S}{\geq} l_{a}$

-

Complete Control of the Control of t

Si in this can would be some as Huong-etal OS, is relatively simple non-trivial OS2 is where we see divergence in real of discrete space. $S_{2}: emp\left(\stackrel{\mathcal{Z}}{=} \int_{aeb}^{a} J^{a}J^{b} + \stackrel{\mathcal{Z}}{=} \underbrace{\omega^{r}\omega^{\eta}}_{re\eta} + \stackrel{\mathcal{Z}}{=} \left(\left(\stackrel{\mathcal{Z}}{=} J^{a} + \stackrel{\mathcal{Z}}{=} \omega^{r}\right)^{2} - \left(\stackrel{\mathcal{Z}}{=} J^{a}\right)^{2} - \left(\stackrel{\mathcal{Z}}{=} \omega^{r}\right)^{2} \right) \right)$ $+ \left(\stackrel{\mathcal{Z}}{p} \cdot \stackrel{\mathcal{Y}}{p} \right) \stackrel{\mathcal{Z}}{=} J^{r}\omega^{r} - \stackrel{\mathcal{Z}}{=} \stackrel{\mathcal{Z}}{=} \left(J^{a}\right)^{2} - \stackrel{\mathcal{Z}}{=} \stackrel{\mathcal{U}}{=} \omega^{r}\right)^{2} - \stackrel{\mathcal{Z}}{=} \left(\stackrel{\mathcal{U}}{=} u^{r}\right)^{2} - \stackrel{\mathcal{U}}{=} u^{r}\right)$ $=) \left(\exp \left(\left(\frac{2}{2} J^{a} \right)^{2} \left(\frac{\hat{a} - \hat{b}'}{2} \right) + \left(\frac{2}{2} W^{r} \right)^{2} \left(\frac{\hat{r} - \hat{b}'}{2} \right) + \left(\frac{2}{2} J^{a} + \frac{2}{2} W^{r} \right)^{2} \frac{\hat{b}'}{2} \right) \right)^{N}$ $- \leq (J^{\circ})^{2} \left(\hat{e} + \hat{a} l_{2} \right) - \leq (\omega^{\circ})^{2} (\hat{f} + \hat{r} l_{2}) + (\hat{f} - \hat{b}) \leq J^{\prime} \omega^{*}$

$$\int_{M} \int_{M} \int_{M$$

$$= \int_{\mathbb{R}^{2}} \int$$

.

$$=\int D_{2} \int D_{3} \int d\omega' \omega w \left(\frac{1}{2} + \frac{1}{2} \cdot \frac{1}{2} + \frac{1}{2} \cdot \frac{1}$$

FLAME STATE

$$\int D_{1} \int D_{2} \int d\omega' \exp \left\{ \frac{2\sqrt{1}}{2\sqrt{1}} + 2\sqrt{\frac{2}{2} - \frac{2}{p} + \left(\frac{1}{p} - \frac{2}{p}\right)^{2}} + \frac{\partial \left(\hat{k} - \frac{1}{p'}\right)}{(2\hat{e} + \hat{\omega})} \right\} = \omega' \cdot \left(-\left(\frac{1}{2} + \frac{1}{p}\right) \right) = \left(\frac{\partial L}{\partial x} + \frac{\partial L}{\partial x} \right) = \left(\frac{\partial L}{\partial x} + \frac{\partial L}{\partial x} \right) = \left(\frac{\partial L}{\partial x} + \frac{\partial L}{\partial x} \right) = \left(\frac{\partial L}{\partial x} + \frac{\partial L}{\partial x} \right) = \left(\frac{\partial L}{\partial x} + \frac{\partial L}{\partial x} \right) = \left(\frac{\partial L}{\partial x} + \frac{\partial L}{\partial x} \right) = \left(\frac{\partial L}{\partial x} + \frac{\partial L}{\partial x} \right) = \left(\frac{\partial L}{\partial x} + \frac{\partial L}{\partial x} \right) = \left(\frac{\partial L}{\partial x} + \frac{\partial L}{\partial x} \right) = \left(\frac{\partial L}{\partial x} + \frac{\partial L}{\partial x} \right) = \left(\frac{\partial L}{\partial x} + \frac{\partial L}{\partial x} \right) = \left(\frac{\partial L}{\partial x} + \frac{\partial L}{\partial x} \right) = \left(\frac{\partial L}{\partial x} + \frac{\partial L}{\partial x} \right) = \left(\frac{\partial L}{\partial x} + \frac{\partial L}{\partial x} \right) = \left(\frac{\partial L}{\partial x} + \frac{\partial L}{\partial x} \right) = \left(\frac{\partial L}{\partial x} + \frac{\partial L}{\partial x} \right) = \left(\frac{\partial L}{\partial x} + \frac{\partial L}{\partial x} \right) = \left(\frac{\partial L}{\partial x} + \frac{\partial L}{\partial x} \right) = \left(\frac{\partial L}{\partial x} + \frac{\partial L}{\partial x} \right) = \left(\frac{\partial L}{\partial x} + \frac{\partial L}{\partial x} \right) = \left(\frac{\partial L}{\partial x} + \frac{\partial L}{\partial x} \right) = \left(\frac{\partial L}{\partial x} + \frac{\partial L}{\partial x} \right) = \left(\frac{\partial L}{\partial x} + \frac{\partial L}{\partial x} \right) = \left(\frac{\partial L}{\partial x} + \frac{\partial L}{\partial x} \right) = \left(\frac{\partial L}{\partial x} + \frac{\partial L}{\partial x} \right) = \left(\frac{\partial L}{\partial x} + \frac{\partial L}{\partial x} \right) = \left(\frac{\partial L}{\partial x} + \frac{\partial L}{\partial x} \right) = \left(\frac{\partial L}{\partial x} + \frac{\partial L}{\partial x} \right) = \left(\frac{\partial L}{\partial x} + \frac{\partial L}{\partial x} \right) = \left(\frac{\partial L}{\partial x} + \frac{\partial L}{\partial x} \right) = \left(\frac{\partial L}{\partial x} + \frac{\partial L}{\partial x} \right) = \left(\frac{\partial L}{\partial x} + \frac{\partial L}{\partial x} \right) = \left(\frac{\partial L}{\partial x} + \frac{\partial L}{\partial x} \right) = \left(\frac{\partial L}{\partial x} + \frac{\partial L}{\partial x} \right) = \left(\frac{\partial L}{\partial x} + \frac{\partial L}{\partial x} \right) = \left(\frac{\partial L}{\partial x} + \frac{\partial L}{\partial x} \right) = \left(\frac{\partial L}{\partial x} + \frac{\partial L}{\partial x} \right) = \left(\frac{\partial L}{\partial x} + \frac{\partial L}{\partial x} \right) = \left(\frac{\partial L}{\partial x} + \frac{\partial L}{\partial x} \right) = \left(\frac{\partial L}{\partial x} + \frac{\partial L}{\partial x} \right) = \left(\frac{\partial L}{\partial x} + \frac{\partial L}{\partial x} \right) = \left(\frac{\partial L}{\partial x} + \frac{\partial L}{\partial x} \right) = \left(\frac{\partial L}{\partial x} + \frac{\partial L}{\partial x} \right) = \left(\frac{\partial L}{\partial x} + \frac{\partial L}{\partial x} \right) = \left(\frac{\partial L}{\partial x} + \frac{\partial L}{\partial x} \right) = \left(\frac{\partial L}{\partial x} + \frac{\partial L}{\partial x} \right) = \left(\frac{\partial L}{\partial x} + \frac{\partial L}{\partial x} \right) = \left(\frac{\partial L}{\partial x} + \frac{\partial L}{\partial x} \right) = \left(\frac{\partial L}{\partial x} + \frac{\partial L}{\partial x} \right) = \left(\frac{\partial L}{\partial x} + \frac{\partial L}{\partial x} \right) = \left(\frac{\partial L}{\partial x} + \frac{\partial L}{\partial x} \right) = \left(\frac{\partial L}{\partial x} + \frac{\partial L}{\partial x} \right) = \left(\frac{\partial L}{\partial x} + \frac{\partial L}{\partial x} \right) = \left(\frac{\partial L}{\partial x} + \frac{\partial L}{\partial x} \right) = \left(\frac{\partial L}{\partial x} + \frac{\partial L}{\partial x}$$

$$= \sum_{i=1}^{n} \sqrt{\frac{2\pi}{2^{i}r^{2}}} \sqrt{\frac{2\pi}{2^{i}r^{2}}}} \sqrt{\frac{2\pi}{2^{i}r^{2}}} \sqrt{\frac{2\pi}{2^{i}r^{2}}} \sqrt{\frac{2\pi}{2^{i}r^{2}}}} \sqrt{\frac{2\pi}{2^{i}r^{2}}} \sqrt{\frac{2\pi}{2^{i}r^{2}}}} \sqrt{\frac{2\pi}{2^{i}r^{2}}} \sqrt{\frac{2\pi}{2^{i}r^{2}}}} \sqrt{\frac{2\pi}{2^{i}r^{2}}} \sqrt{\frac{2\pi}{2^{i}r^{2}}}} \sqrt{\frac{2\pi}{2^{i}r^{2}}}} \sqrt{\frac{2\pi}{2^{i}r^{2}}} \sqrt{\frac{2\pi}{2^{i}r^{2}}}} \sqrt{\frac{2\pi}{2^{i}r^{2}}}}} \sqrt{\frac{2\pi}{2^{i}r^{2}}}} \sqrt{\frac{2\pi}{2^{i}r^{2}}}}} \sqrt{\frac{2\pi}{2^{i}r^{2}}}}} \sqrt{\frac{2\pi}{2^{i}r^{2}}}}} \sqrt{\frac{2\pi}{$$

$$=\hat{i}^{2} + \frac{(\hat{i}^{2} - \hat{i}^{2})^{2}}{2\hat{e} + \hat{i}^{2}} + \hat{i}^{2} \left(\frac{\hat{j}^{2} - \hat{i}^{2}}{2\hat{e} + \hat{i}^{2}}\right)^{2} + 2 \cdot \hat{i}^{2} \cdot \left(\frac{\hat{j}^{2} - \hat{i}^{2}}{2\hat{e} + \hat{i}^{2}}\right)^{2}$$

$$= \hat{i}^{2} + \frac{\hat{i}^{2} - \hat{i}^{2}}{2\hat{e} + \hat{i}^{2}} + \frac{\hat{i}^{2} \left(\hat{i}^{2} + \hat{i}^{2}\right)^{2}}{(2\hat{e} + \hat{i}^{2})^{2}}$$

$$= \hat{i}^{2} + \left(\hat{i}^{2} + \frac{\hat{i}^{2} - \hat{i}^{2}}{2\hat{i}^{2} + 2\hat{i}^{2}} + 2\hat{e} \cdot \hat{i}^{2} - 2\hat{e} \cdot \hat{i}^{2} + 2\hat{e} \cdot \hat{i}^{2} - 2\hat{e} \cdot \hat{i}^{2}\right)^{2}$$

$$= \hat{i}^{2} + \left(2\hat{i}^{2} + 2\hat{i}^{2} + 2\hat{e} \cdot \hat{i}^{2} - 2\hat{e} \cdot \hat{i}^{2} - 2\hat{e} \cdot \hat{i}^{2}\right)^{2}$$

$$= \hat{i}^{2} + \left(2\hat{i}^{2} + 2\hat{i}^{2} + 2\hat{e} \cdot \hat{i}^{2} - 2\hat{e} \cdot \hat{i}^{2}\right)^{2}$$

$$= \hat{i}^{2} + \left(2\hat{i}^{2} + 2\hat{i}^{2}\right)^{2}$$

$$= \hat{i}^{2} + \left(2\hat{i}^{2} + 2\hat{i}^{2}\right)^{2}$$

$$= \hat{i}^{2} + \left(2\hat{i}^{2} + 2\hat{i}^{2}\right)^{2}$$

thus,
$$\frac{\partial S_{2}}{\partial m}\Big|_{m=n=0}$$
 $\Big[-\frac{m}{2}\log\left(\frac{2\vec{f}+\hat{r}}{2\pi}\right)-\frac{n}{2}\log\left(\frac{2\vec{e}+\hat{r}}{2\pi}\right)\Big]+\frac{1}{2(2\vec{f}+\hat{r})}\Big[\frac{\hat{r}+(\hat{p}-\hat{p}')(2\hat{n}\hat{p}+2\hat{e}(\hat{p}-\hat{p}'))}{(2\hat{e}+\hat{r})^{2}}\Big]$

$$\frac{\partial m}{\partial m}=n=0$$

$$\frac{\int \int 2}{\int m \cdot |m|} = 0.$$

$$\frac{1}{2} \int \frac{1}{2} \left(2\hat{f} + \hat{r} \right) + \frac{1}{2} \left(2\hat{f} + \hat{r} \right) \left(2\hat{a} + \hat{r} + 2\hat{c} \left(\hat{b} + \hat{b}' \right) \right) + \log (2\pi)$$

$$\frac{\partial S_{1}}{\partial m}\Big|_{m=n=0} = \frac{1}{\partial m} \left(\frac{n(n-1)^{2\sqrt{2}}}{2} + \frac{m(m-1)^{2/2}}{2} + \frac{m + h^{2/2}}{2} + \frac{m}{2} + \frac{h^{2/2}}{2} + \frac{h^{2/2}$$

$$=-1\left(-\frac{r\hat{r}}{z}+b\hat{r}-b\hat{r}+(-\hat{r})\hat{f}\right)$$

$$-\alpha\beta$$

$$\frac{1}{2} \cdot f(\eta) = \frac{y \hat{p}}{2} + \frac{1}{p} \hat{p}' - p + \frac{1}{p} + \frac{1}{p} - \frac{1}{2} \log (2\hat{f} + \hat{p}) \\
+ \frac{1}{2} \cdot \frac{1}{(2\hat{f} + \hat{p})} \times \left(\hat{p} + (\hat{p} - \hat{p}') (2\hat{a}\hat{p} + 2\hat{e} (\hat{p} + \hat{p}')) \right) \\
+ \frac{1}{2} \cdot \frac{1}{(2\hat{f} + \hat{p})} \times \left(\hat{p} + (\hat{p} - \hat{p}') (2\hat{a}\hat{p} + 2\hat{e} (\hat{p} + \hat{p}')) \right) \\
+ \frac{1}{2} \cdot \frac{1}{(2\hat{f} + \hat{p})} \times \left(\hat{p} + (\hat{p} - \hat{p}') (2\hat{a}\hat{p} + 2\hat{e} (\hat{p} + \hat{p}')) \right) \\
+ \frac{1}{2} \cdot \frac{1}{(2\hat{f} + \hat{p})} \times \left(\hat{p} + (\hat{p} - \hat{p}') (2\hat{a}\hat{p} + 2\hat{e} (\hat{p} + \hat{p}')) \right) \\
+ \frac{1}{2} \cdot \frac{1}{(2\hat{f} + \hat{p})} \times \left(\hat{p} + (\hat{p} - \hat{p}') (2\hat{a}\hat{p} + 2\hat{e} (\hat{p} + \hat{p}')) \right) \\
+ \frac{1}{2} \cdot \frac{1}{(2\hat{f} + \hat{p})} \times \left(\hat{p} + (\hat{p} - \hat{p}') (2\hat{a}\hat{p} + 2\hat{e} (\hat{p} + 2\hat{p})) \right) \\
+ \frac{1}{2} \cdot \frac{1}{(2\hat{f} + \hat{p})} \times \left(\hat{p} + (\hat{p} - \hat{p}') (2\hat{a}\hat{p} + 2\hat{e} (\hat{p} + 2\hat{p})) \right) \\
+ \frac{1}{2} \cdot \frac{1}{(2\hat{f} + \hat{p})} \times \left(\hat{p} + (\hat{p} - \hat{p}') (2\hat{a}\hat{p} + 2\hat{e} (\hat{p} + 2\hat{p}) \right) \\
+ \frac{1}{2} \cdot \frac{1}{(2\hat{f} + \hat{p})} \times \left(\hat{p} + (\hat{p} - \hat{p}') (2\hat{a}\hat{p} + 2\hat{e} (\hat{p} + 2\hat{p}) \right) \\
+ \frac{1}{2} \cdot \frac{1}{(2\hat{f} + \hat{p})} \times \left(\hat{p} + (\hat{p} - \hat{p}') (2\hat{a}\hat{p} + 2\hat{e} (\hat{p} + 2\hat{p}) \right) \\
+ \frac{1}{2} \cdot \frac{1}{(2\hat{f} + \hat{p})} \times \left(\hat{p} + (\hat{p} - \hat{p}') (2\hat{a}\hat{p} + 2\hat{e} (\hat{p} + 2\hat{p}) \right) \\
+ \frac{1}{2} \cdot \frac{1}{(2\hat{f} + \hat{p})} \times \left(\hat{p} + (\hat{p} - \hat{p}') (2\hat{a}\hat{p} + 2\hat{e} (\hat{p} + 2\hat{p}) \right) \\
+ \frac{1}{2} \cdot \frac{1}{(2\hat{f} + \hat{p})} \times \left(\hat{p} + (\hat{p} - \hat{p}') (2\hat{a}\hat{p} + 2\hat{e} (\hat{p} + 2\hat{p}) \right) \\
+ \frac{1}{2} \cdot \frac{1}{(2\hat{f} + \hat{p})} \times \left(\hat{p} + (\hat{p} - \hat{p}') (2\hat{p} + 2\hat{p}) \right) \\
+ \frac{1}{2} \cdot \frac{1}{(2\hat{f} + \hat{p})} \times \left(\hat{p} + (\hat{p} - \hat{p}') (2\hat{p} + 2\hat{p}) \right) \\
+ \frac{1}{2} \cdot \frac{1}{(2\hat{f} + 2\hat{p})} \times \left(\hat{p} + (\hat{p} - 2\hat{p}) (2\hat{p} + 2\hat{p}) \right) \\
+ \frac{1}{2} \cdot \frac{1}{(2\hat{f} + 2\hat{p})} \times \left(\hat{p} + (\hat{p} - 2\hat{p}) (2\hat{p} + 2\hat{p}) \right) \\
+ \frac{1}{2} \cdot \frac{1}{(2\hat{f} + 2\hat{p})} \times \left(\hat{p} + (\hat{p} - 2\hat{p}) (2\hat{p} + 2\hat{p}) \right) \\
+ \frac{1}{2} \cdot \frac{1}{(2\hat{f} + 2\hat{p})} \times \left(\hat{p} + (\hat{p} - 2\hat{p}) (2\hat{p} + 2\hat{p}) \right) \\
+ \frac{1}{2} \cdot \frac{1}{(2\hat{f} + 2\hat{p})} \times \left(\hat{p} + (\hat{p} - 2\hat{p}) (2\hat{p} + 2\hat{p}) \right) \\
+ \frac{1}{2} \cdot \frac{1}{(2\hat{f} + 2\hat{p})} \times \left(\hat{p} + 2\hat{p} + 2\hat{p} + 2\hat{p} \right) \\
+ \frac{1$$

•
$$H(\eta) = \int_{0}^{\infty} Dz$$
 • $V\omega = Y - \frac{i^{2}}{4} - (1 - \frac{i}{4})^{2}$

$$h(v_{1}, y) = \frac{-1}{\sqrt{1-r}} \left(\frac{(p-1)^{2}y}{\sqrt{1-r}} + \sqrt{v_{0}} \cdot w + \frac{1}{r_{0}} \right)$$

$$-1), \hat{a} = \frac{a}{(1-a)^2}$$

$$(2) \cdot \frac{q^2}{1-q} = \alpha \int Dt \, R^2 \left(\frac{\sqrt{q}}{\sqrt{1-q}} t \right).$$

· the following cases are similar to throng dal.

$$(3). \ \ \hat{b} = \alpha + \frac{\omega}{\sqrt{(1-\kappa)(1-\kappa)}} \int \mathcal{D}\omega \int \mathcal{D}t \ \mathcal{R}(\tilde{t}) \ \mathcal{R}(h(\omega,t,y=\tilde{t}))$$

$$(4) \cdot b' = \frac{2}{\sqrt{(1-\alpha)(1-\nu)}} \int D - \int D + H'(\tilde{t}) R(\tilde{t}) \int_{\tilde{t}}^{\alpha} P_{y} R(b).$$

$$\frac{1}{2} = 0 \implies \frac{1}{2} = \frac{1}{2(2+1)} + \frac{1}{2(2+1)} + \frac{1}{2(2+1)} = 0 \implies \frac{1}{2(2+1)} =$$

$$= -\frac{1}{(2\hat{f}+\hat{r})^2} \left[\hat{r} + (\hat{p}-\hat{p}') \cdot (2\hat{q}\hat{p} + 2\hat{e}(\hat{p}+\hat{p}')) \right].$$

$$(8). \frac{\partial + (m)}{\partial \bar{e}} = 0 =) \tilde{e} = \tilde{a} \left(\tilde{b}' - 3\tilde{b}' \right)$$

$$\frac{\partial}{\partial \bar{e}} = \tilde{a} \left(\tilde{b}' + \tilde{b}' \right)$$

$$\frac{1}{2} \left(\frac{1}{b} + \frac{1}{b} \right) = 0 = 0 + \frac{1}{2} \left(\frac{1}{2} + \frac{1}{4} \right) \left($$

(10).
$$\frac{1}{\sqrt{12}} = 0 \Rightarrow p = 2 \int_{0}^{1} (\hat{a}_{1} + \hat{e}_{2}) - \hat{a}_{1} p'$$

$$\frac{1}{(2\hat{f}_{1} + \hat{r}_{2})(2\hat{e}_{2} + \hat{a}_{2})^{2}}$$

(2
$$\hat{f}$$
+ \hat{r}) =0=) \hat{p}' : $\hat{q}\hat{b}$ + $\hat{z}\hat{e}\hat{b}'$ \hat{q} \hat{q}