$$= \left(\frac{d\overline{z}}{|\overline{z}|^{2}} \sum_{i \in I} \operatorname{Exp}\left(-\sum_{i \in I} \frac{z^{2}}{1} + \frac{1}{|\overline{z}|^{2}} +$$

 $\mathcal{M} = \frac{1}{2} \sum_{\mu} m_{\mu}^{2} = m_{\mu}^{2} = \frac{1}{2} \sum_{i} \sum_{j} \sum_{i} c_{i}$

 $Z = \sum_{i \neq j} exp\left(\frac{R}{2N} \sum_{j} \left(\sum_{i} S_{i}^{*} S_{i}\right)^{2}\right) =$

= - I I (I 5; 5; 5;)2

=)
$$Z_{r} \sim \frac{1}{N} Z_{r}^{3} r + \frac{1}{N} E$$

$$E \sim N(0,1)$$

$$E = -\beta \hat{H}$$

$$Z = \frac{1}{N} P(r = \sqrt{3})$$
The 2 wave determinence comparison.

P(z, 15) x exp(-\beta z, 2 + \beta z, [5, 4]) =

 $=\exp\left[-\frac{5}{2}\left(2^{2}_{\mu}-22_{\mu}\frac{1}{\sqrt{N}}\right)\frac{3}{\sqrt{N}}\right]$

~ exp [- 2 (Zz - 1 7 3, 0;)]

 $z = \frac{5}{N} \left(\frac{7}{3} \frac{3}{3} \frac{6}{5} \right) \frac{5}{5} =$

DGZ = (For Zn 5) model