HW 13 - Stort - phys.

I Donning of slorkes.

$$N(E) = \sum_{E_1} \sum_{E_2} \sum_{E_3} \sum_{E_4} \sum_{E_5} \sum_{E_5}$$

$$Z = \int_{-\pi}^{\pi} \frac{d\lambda_{e}}{1 - e^{\lambda E_{e}}} \frac{1}{1 - e^{\lambda E_{e}}} = \int_{-\pi}^{\pi} \frac{d\lambda_{e}}{1 - e^{\lambda E_{e}}} \frac{1}{1 - e^{\lambda E_{e}}} \frac{1}$$

 $\left| \frac{2}{2\pi} \left(\beta \right) \right| = \int \frac{d\eta}{2\pi} e^{-i\lambda \eta} \int_{\epsilon}^{\infty} f_{\epsilon} \left(\lambda, \beta \right)^{N(\epsilon)}$ 1 Explicit integration B Experiments with the purhor function integration -N + 2 N(E) - BE $N = \sum_{E} N(\epsilon) \frac{1}{e^{-\beta E + i\lambda} - 1}$ $N = \sum_{\epsilon} N(\epsilon) \frac{1}{e^{-\beta(\epsilon-\mu)}-1}$ A plat for the variation of the integration function when changing 2m2 is given