$$P(E_{0}) = \frac{2}{Z}$$

$$Z = \int_{0}^{\infty} e^{-\beta E_{0}} dE_{0} = \frac{e^{-\beta E_{0}}}{e^{-\beta E_{0}}} e^{-\beta E_{0}}$$

$$= \frac{1}{\beta} - \frac{\beta E_{0}}{\beta E_{0}} = \frac{e^{-\beta E_{0}}}{e^{-\beta E_{0}}} e^{-\beta E_{0}}$$

$$= \int_{0}^{\infty} e^{-\beta E_{0}} dE_{0} - \frac{\beta E_{0}}{\beta E_{0}} e^{-\beta E_{0}} dE_{0} = e^{-\beta E_{0}} e^{-\beta E_{0}}$$

$$= \int_{0}^{\infty} e^{-\beta E_{0}} dE_{0} - \frac{\beta E_{0}}{\beta E_{0}} e^{-\beta E_{0}} dE_{0} = e^{-\beta E_{0}} e^{-\beta$$

$$\beta = \frac{1}{V_{e}}$$

$$T = \frac{1}{L_{e}}$$

$$E = \frac{1}{V_{e}}$$

$$V_{E} = \frac$$

$$\frac{Z}{E} = \frac{4\pi L^{2}T}{(hc)^{2}}$$

$$\frac{Z}{E} = \frac{L}{2} = \frac{L^{2}L^{3}}{(hc)^{2}} = \frac{L^{2}L}{(hc)^{2}}$$

$$= 1.2\pi I = \frac{T^{3}}{2} = 1.7\pi I^{3}$$

$$= 1.2\pi I = \frac{T^{3}}{2} = 1.7\pi I^{3}$$

$$N(\xi) = \frac{2\pi L^2}{(h c)^2} \frac{\xi}{2^{\xi/2} - 1}$$

$$N(\xi) d\xi = N(\xi^*) d\xi^*$$

$$\xi^* - \xi/V_{\xi} - V_{\xi} - V_{\xi} - V_{\xi}$$

$$N(\xi) d\xi - \frac{2\pi L^2}{(h c)^2} \frac{d\xi}{2^{\xi/2} - 1} \frac{V_{\xi}}{V_{\xi}}$$

$$= \frac{1}{2} \frac{\xi^* d\xi^*}{2^{\xi'/2} + 1}$$