$$\frac{3^{2}bnL}{3\lambda^{2}} = x \frac{1}{\lambda^{2}}$$

$$H\left(\frac{3^{2}bnL}{3\lambda^{2}}\right) = H(x) \frac{1}{\lambda^{2}} = \lambda \frac{1}{\lambda^{2}} = \frac{1}{\lambda}$$

$$3_{n}(\lambda) = \frac{1}{\lambda}$$

$$e(\lambda) = \frac{1}{\lambda} \frac{1}{\lambda} = \lambda = \lambda \text{ satisfies a elicient}$$

$$H_{0}: \lambda = \lambda_{0} = 1$$

$$H_{1}: \lambda = \lambda_{1} = 2$$

$$p(x_{1} \lambda) = \int \frac{\lambda^{x}}{x!} e^{-\lambda} xeH$$

$$O \quad \text{in lest}$$

$$Adiabic de volum \lambda = 1$$

$$x_{1} \cdots x_{n} \qquad x_{n} = \lambda$$

$$L(\lambda) = \frac{1}{11} p(x_{1}, \lambda)$$

$$= p(x_{1}, \lambda) = \frac{1}{2} \frac{1}{2} \frac{1}{2}$$

$$p(x_{2}, \lambda) = \frac{1}{2} \frac{1}{2} \frac{1}{2}$$

 $L(\lambda) = L(2) = \frac{2^{x}}{4}$ 

 $\frac{\angle (\lambda_1)}{\angle (\lambda_0)} = \frac{\frac{2^{\times}}{x_1} \cdot \frac{1}{e^2}}{\frac{1}{e^2}} = \frac{\frac{2^{\times}}{2^{\times}}}{\frac{2^{\times}}{e^2}} \cdot \times \frac{1}{e^2} = \frac{2^{\times}}{e^2} \times \frac{1}{e^2}$