$$\frac{\pi_0 T \lambda = \pi_1 T_{\mu}}{T}$$

$$\frac{\pi_0 \lambda = \pi_1 M}{T}$$

$$\pi_{1} = \frac{\lambda}{M} \pi_{0} \qquad (\lambda + \mu) \pi_{1} = \lambda \pi_{0} + \mu \pi_{2}$$

$$\lambda \left(\frac{\lambda}{u} \pi_{0}\right) + \mu \left(\frac{\lambda}{u} \pi_{0}\right) = \lambda \pi_{0} + \mu \pi_{2}$$

$$\pi_{1} = \mu \pi_{0}$$

$$\Pi_2 = \frac{\lambda^2}{\mu^2} \Pi_0 = \mu^2 \Pi_0$$

$$\Pi_2 = \frac{\lambda^2}{\mu^2} \Pi_0 = \mu^2 \Pi_0$$

$$\begin{array}{cccc}
\Pi_3 &= N^3 \Pi_0 & \sum_{k=0}^{b} N^b \Pi_0 \\
\vdots & & & \\
\Pi_b &= N^b \Pi_0
\end{array}$$

$$\pi_0 \geq 0 = 1 = \pi_0 \frac{1 - N^{b+1}}{1 - N}$$

$$\Pi_0 = \frac{1 - N_{pert}}{1 - N_{pert}} = \frac{\Pi_K = \frac{1 - N_{pert}}{1 - N_{pert}} \cdot N_K}{1 - N_{pert}}$$

$$M|M| \infty$$

$$(1) 2 3 4$$

$$(\lambda + M)\pi_1 = \lambda \pi_0 + 2MF_2$$

$$\Pi_2 = \frac{1}{2} \left(\frac{2}{M} \right)^2 \Pi_0$$

$$(\lambda + 2M) \pi_2 = \lambda \pi_1 + 3M \pi_3$$

$$\frac{1}{\sqrt{1 + 2M}} = \frac{1}{\sqrt{1 +$$

$$\left(\prod_{k} = \frac{1}{k!} \prod_{k} \prod_{k} \right)$$

$$\left(\frac{\lambda}{k!} \right)^{k} \prod_{k} = \prod_{k} e^{-k}$$