$$P_{m} = \begin{cases} \frac{(c\rho)^{n}}{m!} P_{0}, ocnsc \\ \frac{(c\rho)^{n}}{c!} \left(\frac{1}{c}\right) P_{0}, m \approx c \end{cases}$$

$$C = \frac{\lambda}{cm}$$

$$\sum_{m=0}^{\infty} P_m = 1 \rightarrow \sum_{m=0}^{\infty} \frac{(cp)^m}{m!} P_0 + \sum_{m=0}^{\infty} \frac{(cp)^m}{c!} \left(\frac{1}{c}\right)^m P_0 = 1$$

$$P_{0} = \left(\begin{array}{c} \mathcal{L} \\ \mathcal{L}$$

$$P_0 = \left(\sum_{m=0}^{c-1} \frac{(cp)^m}{m!} + \frac{(cp)^c}{c!} \cdot \frac{1}{(1-p)}\right)^{-1}$$