Tarea 4

Kodhyo

** Considerance las protectificades originales en todos los puntos distintos a 36,10
$$\frac{P(N_{E}=n)}{1-\frac{2}{1-e^{2}}P(N_{E}=i)} = \frac{e^{2}\frac{27}{n!}}{1-e^{2}-e^{2}\lambda} I(n72)$$

=)
$$Q(N_{\xi}=n) = \frac{2}{3} \left(\frac{e^{-\lambda} \frac{2^{n}}{n!}}{1 - e^{-\lambda} - e^{-\lambda} 2} \right) \mathbb{I}(n > 2)$$

P(N=n)= = 1 (n 415)

parte Binomial

 $\frac{P(N_{t}=n)}{P(15\langle N_{t} \leq 100\rangle)} = \frac{(100) e^{n} (1-0)^{100-n}}{1-\sum_{k=0}^{\infty} (100) e^{k} (1-0)^{100-k}} \overline{1} (11 \leq 100)$

=> (1- \(\frac{15}{5}\)\end{arrange} =\(\frac{1}{5}\)\(\frac{1}{5}

Reescelenos $P(N_{L} \leq |K|) P(N_{L} = n)$ = $(1 - \sum_{k=0}^{K} \frac{-\lambda \lambda^{k}}{k!}) \left(\frac{\binom{100}{n} 9^{n} (1-0)^{100-n}}{1 - \sum_{k=0}^{K} \binom{100}{k} 9^{k} (1-0)} \right) \prod (|K \leq n \leq 100)$