we de la 8:00 as t 0 et = 1/2 1/2 < + < 3/4 15 1 Ct < 1.5 30 \ \int \(\) 06461/2 1006 E[N(4)] z. $\int_{1/2}^{t} (600t - 200dt + 50 = 300(t^{2} - 1/2) + 50$ 1/2 < + < 3/4 $\int_{3/4}^{t} 400t - 501t + 93.75$ $25(8t^{2} - 2t - 3) + 93.75$ $\frac{3}{4} \leftarrow t \leq 1$ J-500t +850dt + 168.75= $-50(5t^2-17t+12)+169.75$ $1 < t \leq 1.5$

 $25(8t^{2}-2t-3)+43.75-43.06=0$ $t_{1}=-0.497261$ $t_{2}=0.747261$

$$E[N(t)] = \begin{cases} 100t & 0 \le t \le 1/2 \\ 300(4^2 - N_0) - 200(4 - 1/2) + 50 & 1/2 \le t \le 3/4 \\ 25(34^2 - 24 - 3) + 43.75 & 3/4 \le t \le 0.944169 \\ 150 & t \ge 0.944969 \end{cases}$$

$$\frac{e^{-\lambda}}{k!} + \frac{e^{-\lambda}}{149!} + \frac{e^{-\lambda}}{149!} = 0.8$$

$$\sum_{k=0}^{149} p(x = k) = 0.8 \qquad p(x \le 150)$$

$$\sum_{k=0}^{149} \frac{e^{-\lambda}}{k!} = 1$$

$$\sum_{k=0}^{149} \frac{e^{-\lambda}}{k!} = 1$$

$$\sum_{k=0}^{149} \frac{e^{-\lambda}}{k!} = 1$$

K = 1, 149

149 -2 K

149 -2 K

140 -2 K

140

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$$\sum_{i=1}^{\infty} T_i = 1$$

$$\sum_{i=1}^{\infty} T_i = 1$$

$$\sum_{i=1}^{\infty} T_i = 2 \mu T_i$$

$$\sum_{i=1}^{\infty} T_i = 2 \mu T_i$$

$$TT_{1} = \frac{\lambda^{2}T_{0}}{M}$$

$$TT_{2} = \frac{\lambda^{2}T_{0}}{2M^{2}}$$

$$TT_{3} = \frac{\lambda^{3}T_{0}}{2^{2}M^{3}}$$

$$TT_{n} = \frac{\lambda^{n}}{2^{n}M^{n}}$$

$$\sum_{i=1}^{\infty} \frac{1}{i} = \frac{1}{i} + \frac{$$

$$\sum_{i=0}^{n-1} ia^i = rac{a-na^n+(n-1)a^{n+1}}{(1-a)^2}$$

$$\begin{bmatrix}
1 & \frac{\lambda}{m} & \frac{\lambda}{m} \\
1 & \frac{\lambda}{m} & \frac{\lambda}{m}
\end{bmatrix}$$

$$\begin{bmatrix}
1 & \frac{\lambda}{m} & \frac{\lambda}{m} \\
1 & \frac{\lambda}{m} & \frac{\lambda}{m}
\end{bmatrix}$$

$$\begin{bmatrix}
1 & \frac{\lambda}{m} & \frac{\lambda}{m} \\
1 & \frac{\lambda}{m} & \frac{\lambda}{m}
\end{bmatrix}$$

Mi = tempo de atención de i Di : tien po de Espea en la cola de : $\lambda_z > \lambda_1$ $\frac{\gamma_{2}}{\gamma_{1}} = \frac{\gamma_{2}}{\gamma_{1}} = \frac{\gamma_{2}}{\gamma_{2}} = \frac{\gamma_{1} + \gamma_{2}}{\gamma_{2}}$ 7 $\rho(\gamma, > \lambda_2 - \lambda_1 + \gamma_2 | \lambda_2 > \lambda_1)$ $P(M, > \lambda_z - \lambda_1 + M_z) \cap P(\lambda_z > \lambda_1)$ $P(\lambda_z > \lambda_z)$

of text text text

other star vexp(x)

tenter vexp(x)

P(te, 1 > te + te, 2)

1- Pexp (M+1), vate = M)

in cid/temps