Repeat provious problem for slotted Aloha

For stated alpha: success <=> no other transmissions in Tex time frame:

P(success)= P(k=0) = e-G

Efficiency S= G. eG

Maximize S: \$5 = 60 - 600 = 0 = 7 G=1

135 = -- 57 wer simm

 $G=\lambda t_{t_x} = \lambda = \frac{G}{t_{t_x}} = \frac{1}{1\mu s} = 10^6 \frac{t_x}{s}$

 $\lambda_{shat} = \frac{\lambda}{n} = \frac{10^{\circ} \text{ tr}}{100 \text{ shat}} = \frac{10000 \text{ tr} + \frac{1}{3} \text{ shation}}{\text{station}}$

. 1.1

cost to reclass

rening)

0 = 10 0 = 10 00

0=119 -10=119 =1 0019

Elpinony 83 6. Elle

Harrimote St Affect

The state of the s

10 mg 1 mg

= 201 = A = 100 =

11 000 2 100 = Told 100 = 10 00