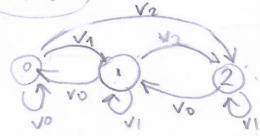
Honzuar K 19

## PROBEM 19.1

$$V_i = \int_{0}^{\infty} \frac{(y_2 x)^i}{i!} e^{-\frac{x}{2}} dx$$



$$P = \begin{cases} 0 & 1 & 2 \\ 0 & 0.61 & 0.30 & 0.09 \\ 2 & 0 & 0.61 & 0.30 \end{cases}$$

TTO (12+V1) = TTO VO => TTO 0.31 = TTO 0.61 => TTO = TTO 97 TTO (VO+V1) = TTO VO => TTO 0.62 = TTO 0.61 => TTO 1.02 = TTO

$$T_{1}d = \frac{1}{1+0.62+1.97} = 0.28$$

$$T_{1}d = 0.55 \int [T_{2}d = 0.29]$$

Problem 19.2

19.2.A

is # in the system

Pap = 1

I know i need to ?12 = e-1 - 0.61

Colcutate the Pebs. Pro = 1- \frac{1}{27} = \frac{1}{2}

P11 = 0.11

After THIS I WOULDE DO TIC and calculating

Ti = TC E[Hi] it is Ti