Tarea Video #1

E Tereieio 12.1 >
$$6(s) = \frac{20(5+5)}{5(5+1)(5+5)} \begin{cases} 1 & 0.5\% = 9.5\% \\ 1 & 0.745eq \end{cases}$$

$$0(5) \Rightarrow \frac{1}{5^3+55^2+45} \begin{cases} 1 & 0.5^2+205+100 \\ 1 & 0.5^3+55^2+45 \end{cases} \begin{cases} 1 & 0.5^2+205+100 \\ 1 & 0.5^3+55^2+45 \end{cases} \begin{cases} 1 & 0.5^2+205+100 \\ 1 & 0.5^3+55^2+45 \end{cases} \begin{cases} 1 & 0.5^2+205+100 \\ 1 & 0.5^3+55^2+45 \end{cases} \begin{cases} 1 & 0.5^3+55^2+45 \\ 1 & 0.5^3+55^2+45 \end{cases} \begin{cases} 1 & 0.5^3+55^2+45 \\ 1 & 0.5^3+55^2+45 \end{cases} \begin{cases} 1 & 0.5^3+55^2+45 \\ 1 & 0.5^3+55^2+45 \end{cases} \begin{cases} 1 & 0.5^3+55^2+45 \\ 1 & 0.5^3+55^2+45 \end{cases} \begin{cases} 1 & 0.5^3+55^2+45 \\ 1 & 0.5^3+55^2+45 \end{cases} \begin{cases} 1 & 0.5^3+55^2+45 \\ 1 & 0.5^3+55^2+45 \end{cases} \begin{cases} 1 & 0.5^3+55^2+45 \\ 1 & 0.5^3+55^2+45 \end{cases} \begin{cases} 1 & 0.5^3+55^2+45 \\ 1 & 0.5^3+55^2+45 \end{cases} \begin{cases} 1 & 0.5^3+55^2+45 \\ 1 & 0.5^3+55^2+45 \end{cases} \begin{cases} 1 & 0.5^3+55^2+45 \\ 1 & 0.5^3+55^2+45 \end{cases} \begin{cases} 1 & 0.5^3+55^2+45 \\ 1 & 0.5^3+55^2+45 \end{cases} \begin{cases} 1 & 0.5^3+55^2+45 \\ 1 & 0.5^3+55^2+45 \end{cases} \begin{cases} 1 & 0.5^3+55^2+45 \\ 1 & 0.5^3+55^2+45 \end{cases} \begin{cases} 1 & 0.5^3+55^2+45 \\ 1 & 0.5^3+55^2+45 \end{cases} \begin{cases} 1 & 0.5^3+55^2+45 \\ 1 & 0.5^3+55^2+45 \end{cases} \begin{cases} 1 & 0.5^3+55^2+45 \\ 1 & 0.5^3+55^2+45 \end{cases} \begin{cases} 1 & 0.5^3+55^2+45 \\ 1 & 0.5^3+55^2+45 \end{cases} \begin{cases} 1 & 0.5^3+55^2+45 \\ 1 & 0.5^3+55^2+45 \end{cases} \begin{cases} 1 & 0.5^3+55^2+45 \\ 1 & 0.5^3+55^2+45 \end{cases} \begin{cases} 1 & 0.5^3+55^2+45 \\ 1 & 0.5^3+55^2+45 \end{cases} \begin{cases} 1 & 0.5^3+55^2+45 \\ 1 & 0.5^3+55^2+45 \end{cases} \begin{cases} 1 & 0.5^3+55^2+45 \\ 1 & 0.5^3+55^2+45 \end{cases} \begin{cases} 1 & 0.5^3+55^2+45 \\ 1 & 0.5^3+55^2+45 \end{cases} \begin{cases} 1 & 0.5^3+55^2+45 \\ 1 & 0.5^3+55^2+45 \end{cases} \begin{cases} 1 & 0.5^3+55^2+45 \\ 1 & 0.5^3+55^2+45 \end{cases} \begin{cases} 1 & 0.5^3+55^2+45 \\ 1 & 0.5^3+55^2+45 \end{cases} \begin{cases} 1 & 0.5^3+55^2+45 \\ 1 & 0.5^3+55^2+45 \end{cases} \begin{cases} 1 & 0.5^3+55^2+45 \\ 1 & 0.5^3+55^2+45 \end{cases} \begin{cases} 1 & 0.5^3+55^2+45 \\ 1 & 0.5^3+55^2+45 \end{cases} \begin{cases} 1 & 0.5^3+55^2+45 \\ 1 & 0.5^3+55^2+45 \end{cases} \begin{cases} 1 & 0.5^3+55^2+45 \\ 1 & 0.5^3+55^2+45 \end{cases} \begin{cases} 1 & 0.5^3+55^2+45 \\ 1 & 0.5^3+55^2+45 \end{cases} \begin{cases} 1 & 0.5^3+55^2+45 \\ 1 & 0.5^3+55^2+45 \end{cases} \begin{cases} 1 & 0.5^3+55^2+45 \\ 1 & 0.5^3+55^2+45 \end{cases} \begin{cases} 1 & 0.5^3+55^2+45 \\ 1 & 0.5^3+55^2+45 \end{cases} \begin{cases} 1 & 0.5^3+55^2+45 \\ 1 & 0.5^3+55^2+45 \end{cases} \begin{cases} 1 & 0.5^3+55^2+45 \\ 1 & 0.5^3+55^2+45 \end{cases} \begin{cases} 1 & 0.5^3+55^2+45 \\ 1 & 0.5^3+55^2+45 \end{cases} \begin{cases} 1 & 0.5^3+55^2+45 \\ 1 & 0.5^3+55^2+45 \end{cases} \begin{cases} 1 & 0.5^3+55^2+45^2+45 \\ 1 & 0.5^3+55^2+45 \end{cases} \begin{cases} 1 & 0.5^3+55^2+45^2+45 \\ 1 & 0.5^3+55^2+45 \end{cases} \begin{cases} 1 & 0.5^3+55^2+4$$

Espario de estados - $\begin{bmatrix} X_{1} \\ X_{2} \end{bmatrix} = \begin{bmatrix} 0 & 1 & 0 \end{bmatrix} \begin{bmatrix} X_{1} \\ X_{2} \end{bmatrix} + \begin{bmatrix} 0 \\ 0 \end{bmatrix} \underbrace{\begin{bmatrix} X_{1} \\ X_{2} \end{bmatrix}}_{1} + \underbrace{\begin{bmatrix} 0 \\ 0 \end{bmatrix}}_{1} \underbrace{\begin{bmatrix} X_{1} \\ X_{2} \end{bmatrix}}_{1} + \underbrace{\begin{bmatrix} 0 \\ 0 \end{bmatrix}}_{1} \underbrace{\begin{bmatrix} X_{1} \\ X_{2} \end{bmatrix}}_{1} + \underbrace{\begin{bmatrix} 0 \\ 0 \end{bmatrix}}_{1} \underbrace{\begin{bmatrix} X_{1} \\ X_{2} \end{bmatrix}}_{1} + \underbrace{\begin{bmatrix} 0 \\ 0 \end{bmatrix}}_{1} \underbrace{\begin{bmatrix} X_{1} \\ X_{2} \end{bmatrix}}_{1} + \underbrace{\begin{bmatrix} 0 \\ 0 \end{bmatrix}}_{1} \underbrace{\begin{bmatrix} X_{1} \\ X_{2} \end{bmatrix}}_{1} + \underbrace{\begin{bmatrix} 0 \\ 0 \end{bmatrix}}_{1} \underbrace{\begin{bmatrix} X_{1} \\ X_{2} \end{bmatrix}}_{1} + \underbrace{\begin{bmatrix} 0 \\ 0 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\\ 0 \end{bmatrix}}_{1} \underbrace{\begin{bmatrix} X_{1} \\ X_{2} \end{bmatrix}}_{1} + \underbrace{\begin{bmatrix} 0 \\ 0 \end{bmatrix}}_{1} \underbrace{\begin{bmatrix} X_{1} \\ X_{2} \end{bmatrix}}_{1} + \underbrace{\begin{bmatrix} 0 \\ 0 \end{bmatrix}}_{1} \underbrace{\begin{bmatrix} X_{1} \\ X_{2} \end{bmatrix}}_{1} + \underbrace{\begin{bmatrix} 0 \\ 0 \end{bmatrix}}_{1} \underbrace{\begin{bmatrix} X_{1} \\ X_{2} \end{bmatrix}}_{1} + \underbrace{\begin{bmatrix} 0 \\ 0 \end{bmatrix}}_{1} \underbrace{\begin{bmatrix} X_{1} \\ X_{2} \end{bmatrix}}_{1} + \underbrace{\begin{bmatrix} 0 \\ 0 \end{bmatrix}}_{1} \underbrace{\begin{bmatrix} X_{1} \\ X_{2} \end{bmatrix}}_{1} + \underbrace{\begin{bmatrix} 0 \\ 0 \end{bmatrix}}_{1} \underbrace{\begin{bmatrix} X_{1} \\ X_{2} \end{bmatrix}}_{1} + \underbrace{\begin{bmatrix} 0 \\ 0 \end{bmatrix}}_{1} \underbrace{\begin{bmatrix} X_{1} \\ X_{2} \end{bmatrix}}_{1} + \underbrace{\begin{bmatrix} 0 \\ 0 \end{bmatrix}}_{1} \underbrace{\begin{bmatrix} 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\underbrace{\begin{bmatrix} 0 \\ 0 \end{bmatrix}}_{1} \underbrace{\begin{bmatrix} X_{1} \\ X_{2} \end{bmatrix}}_{1} + \underbrace{\begin{bmatrix} 0 \\ 0 \end{bmatrix}}_{1} \underbrace{\begin{bmatrix} X_{1} \\ X_{2} \end{bmatrix}}_{1} + \underbrace{\begin{bmatrix} 0 \\ 0 \end{bmatrix}}_{1} \underbrace{\begin{bmatrix} X_{1} \\ X_{2} \end{bmatrix}}_{1} + \underbrace{\begin{bmatrix} 0 \\ 0 \end{bmatrix}}_{1} \underbrace{\begin{bmatrix} X_{1} \\ X_{2} \end{bmatrix}}_{1} + \underbrace{\begin{bmatrix} 0 \\ 0 \end{bmatrix}}_{1}$ 7.05 = - (4T/VI-421) In(0,095) = -4T V1-42 -2,3539= -617 11-42 (I-2,35397IVI-EZTY)2=(-EN)2-> 5,5404(1-62) = 62/12 -> 5,5407-5,54078= 575 -> 5,5407= 8717+5,540782 -> 42 - 5,5407 E=0,5996 TT+ 5,5407

