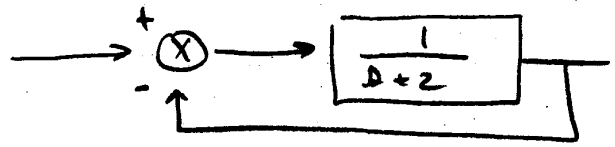
ECE 460 Q8 03/22/00

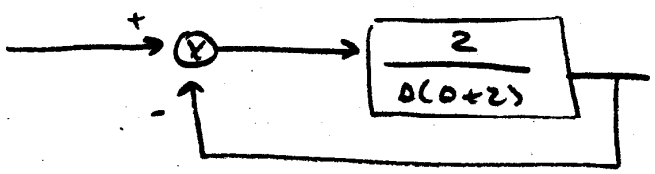
NAME: KEY

Honor Code:

Find the SSE due to a step input for each of the following systems:

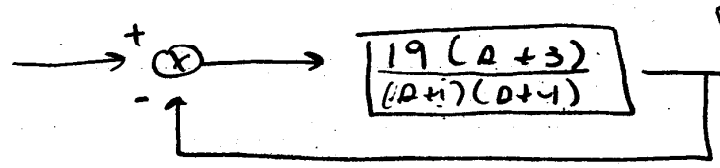
a) 

Ans → $2/3$

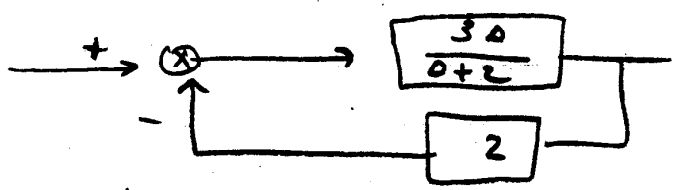
b) 

Ans → 0

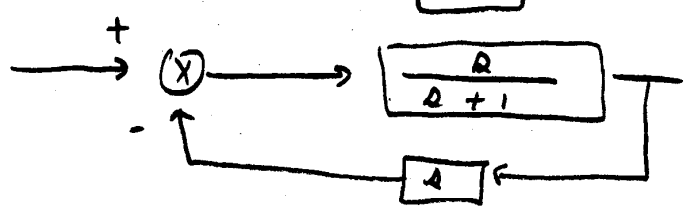
$\frac{1}{1+\frac{7}{4}}$ $\frac{4}{61}$

c) 

Ans → $\frac{4}{61} = .06$

d) 

Ans → 1

e) 

Ans → 1

d) $\frac{\frac{3D}{D+2}}{1+D\cdot\frac{3D}{D+2}} = \frac{3D}{7D+2}$

e) $\frac{\frac{D}{D+1}}{1+0\cdot\frac{D}{D+1}} = \frac{D}{D^2+D+1} =$