ECE 460 06 02/21/00

Name:

Honor Code:

KEY

Fino the equivalent Closed Loop Transfer Function

$$R(\Delta) \xrightarrow{+} X \xrightarrow{$$

Parallel:
$$\frac{1}{\Delta} + \frac{A+1}{A+2} \Rightarrow \frac{\Delta^2 + 2A + 2}{\Delta(D+2)}$$

Feedback
$$\frac{G}{1+GH}$$
 \Rightarrow $\frac{20+4}{30+4} = \frac{2(0+2)}{30+4}$

Feedback:
$$(0^2+20+2)2$$
 = $\frac{20^2+40+4}{50^2+80+4}$