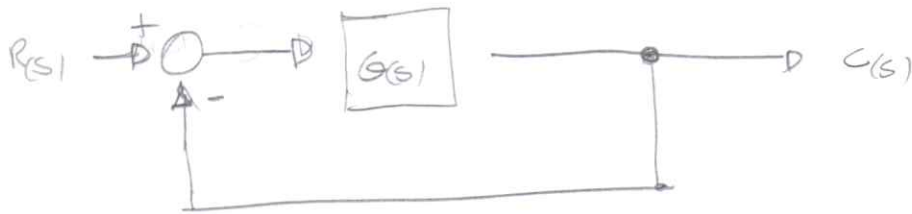


9. a) $G(s) = K \frac{2(s+4)}{s^2(s+1)}$



$$1 + \frac{K 2(s+4)}{s^2(s+1)} \Rightarrow s^2(s+1) + K 2(s+4)$$

$$s^3 + s^2 + 2Ks + 8K$$

$$s^3 + s^2 + 2Ks + 8K$$

3	1	2K	\emptyset
2	1	8K	\emptyset
1			
0			