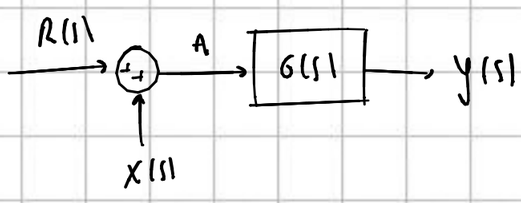
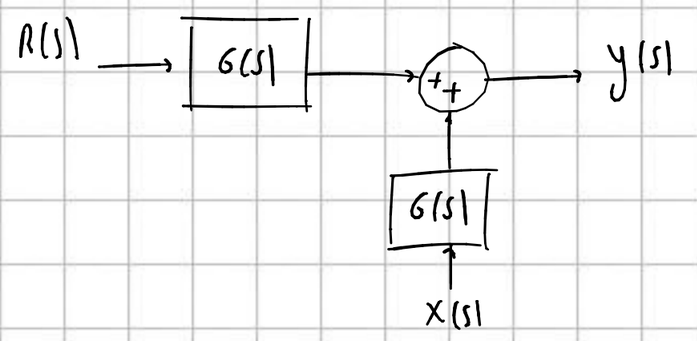
Tarea 7

· Considere los siguientes sistemas.

a)

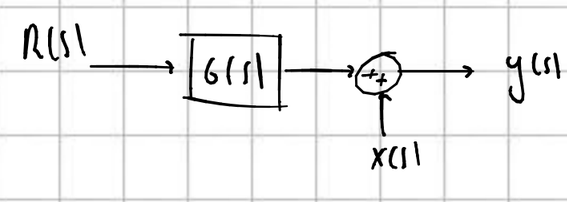


✓ $y(s) = G(s)A = G(s)\,(X(s) + R(s))$

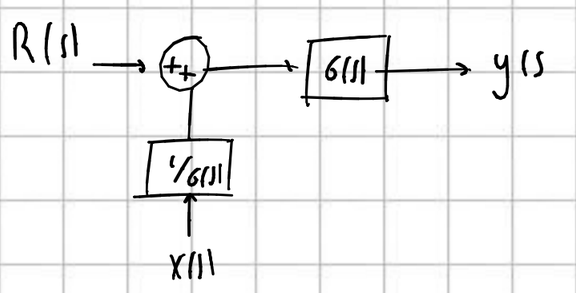


Son iguales. ✓

b)



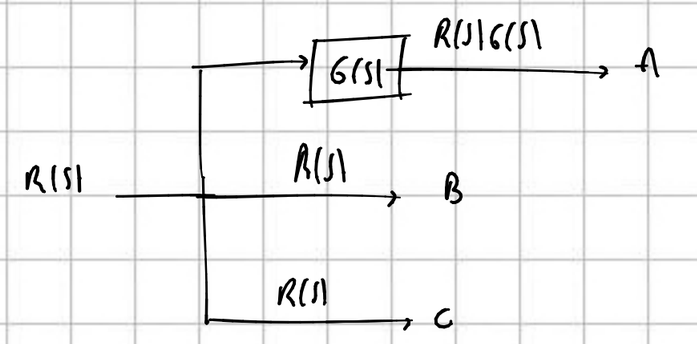
$y(s) = X(s) + R(s)G(s)$



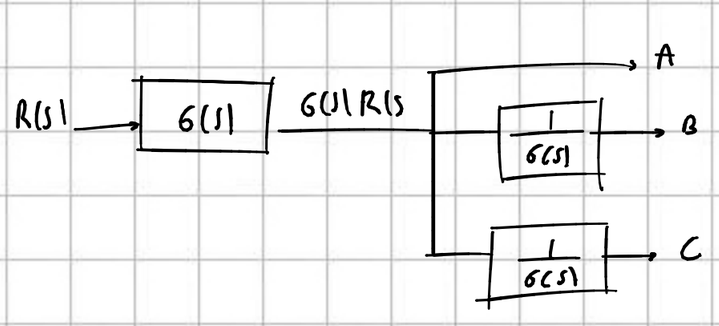
$y(s) = G(s)\left(R(s) + \frac{X(s)}{G(s)}\right) = R(s)G(s) + X(s)$

Son iguales ✓

c)



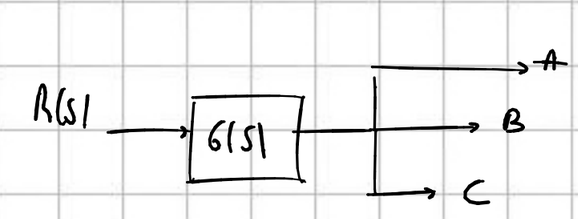
$A = G(s)R(s) \quad B = R(s) \quad C = R(s)$



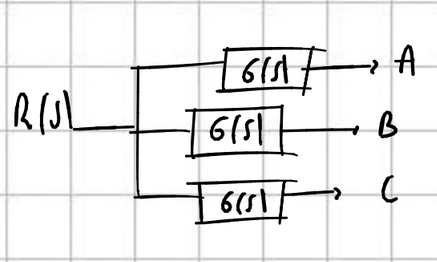
→ $A = G(s)R(s) \quad B = \frac{R(s)G(s)}{G(s)} = R(s) \quad C = \frac{R(s)G(s)}{G(s)} = R(s)$

Son iguales ✓

d)



$A = R(s)G(s)$
$B = R(s)\,G(s)$
$C = R(s)\,G(s)$



→ $A = R(s)G(s)$
$B = R(s)\,G(s)$
$C = R(s)\,G(s)$

Son iguales