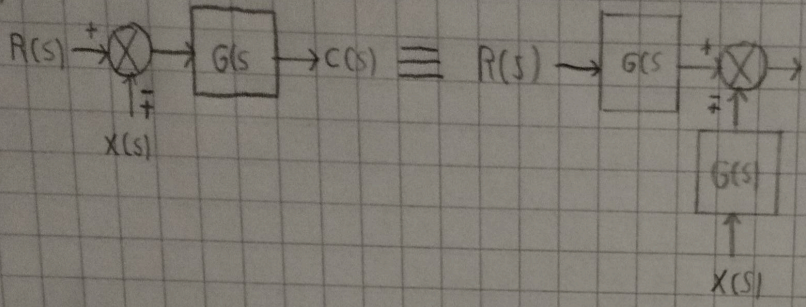
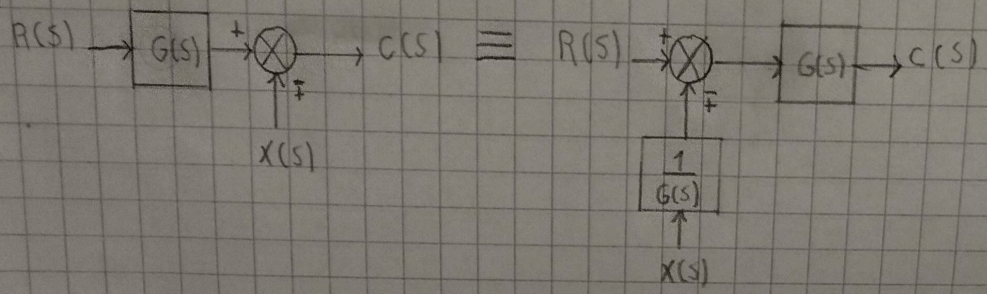
Ejercicios simplificación de bloques

1)



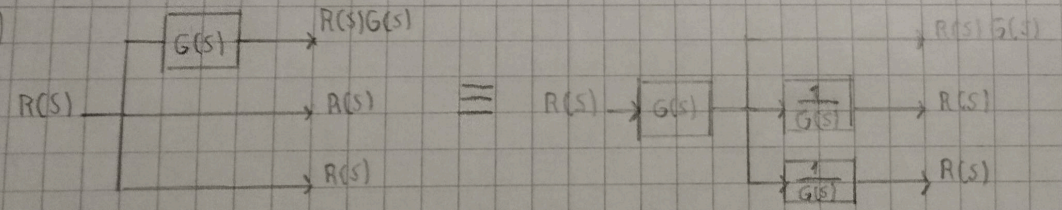
$(+R(s) \mp X(s)) \cdot G(s) = C(s) \quad +R(s)G(s) \mp X(s)G(s) = C(s)$

2)



$(+R(s)G(s) \mp X(s)) = C(s) \quad +R(s) \mp \frac{X(s)}{G(s)} = \frac{C(s)}{G(s)}$

3)



$\therefore R(s)G(s) = R(s)G(s) \qquad R(s)G(s) = R(s)G(s)$

$R(s) = R(s) \qquad R(s)G(s) \cdot 1/G(s) = R(s)$

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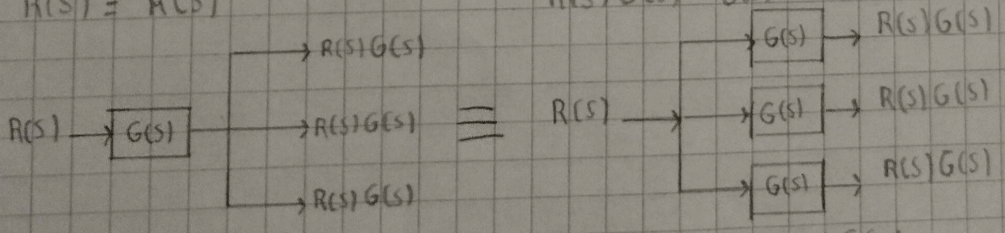
4)



$R(s)G(s) = R(s)G(s) \qquad R(s)G(s) = R(s)G(s)$

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