Diagrama de Bloques

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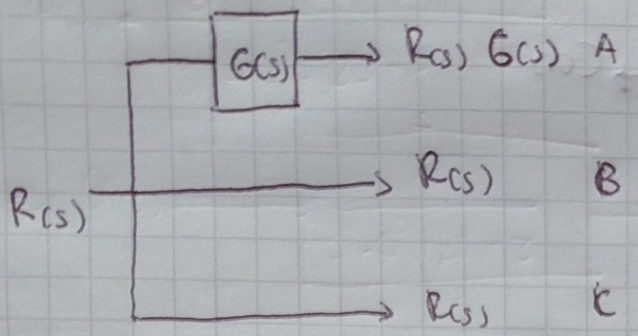
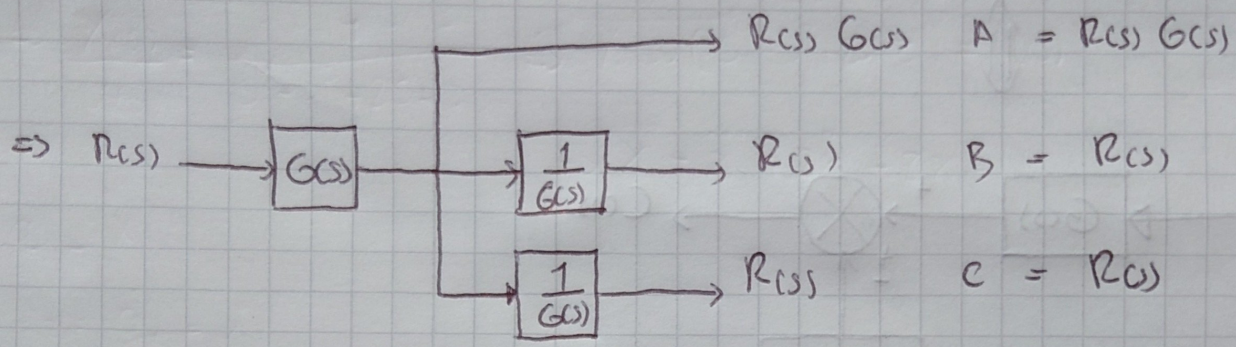
cod: 2018 2005 739



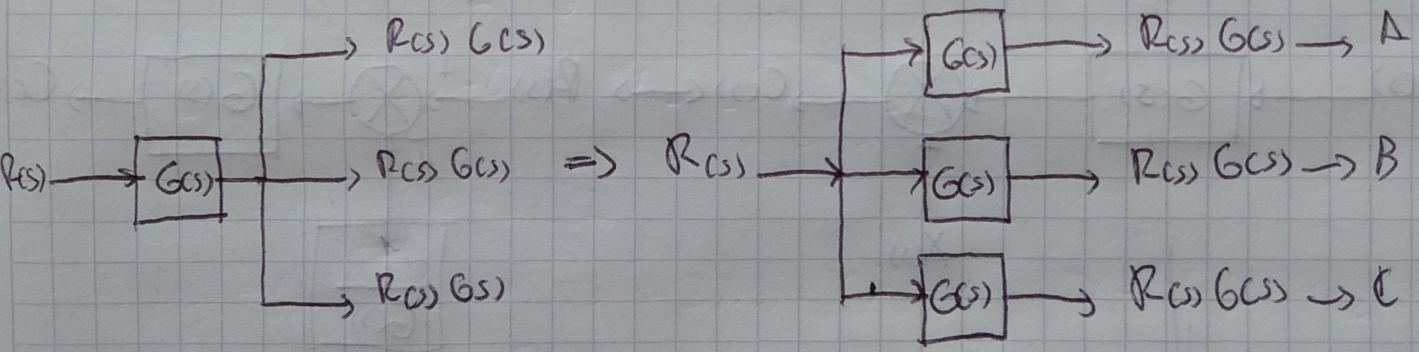


⇒

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

$B = R(s)\,G(s) \cdot \frac{1}{G(s)} = R(s)$

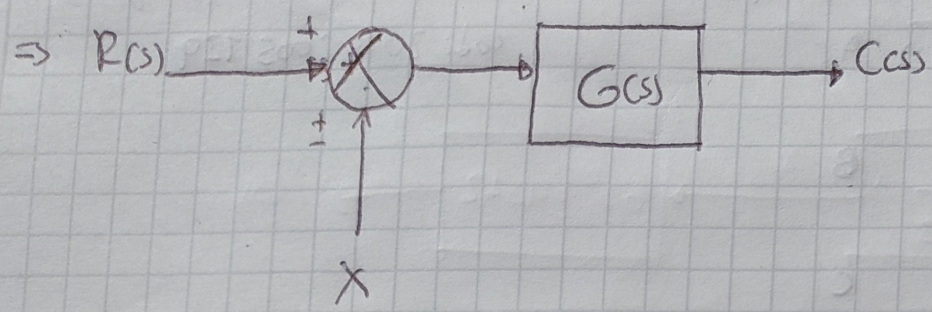
$C = R(s)\,G(s) \cdot \frac{1}{G(s)} = R(s)$

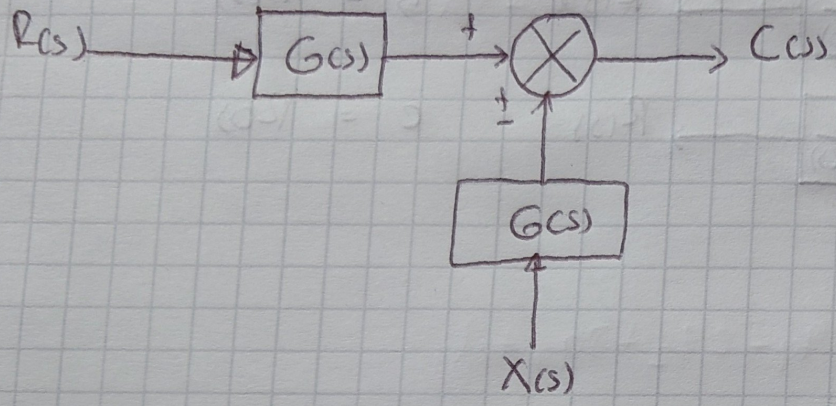


⇒ $A = R(s)\,G(s)$ $\qquad A = R(s)\,G(s)$

$B = R(s)\,G(s)$ $\longleftrightarrow$ $B = R(s)\,G(s)$

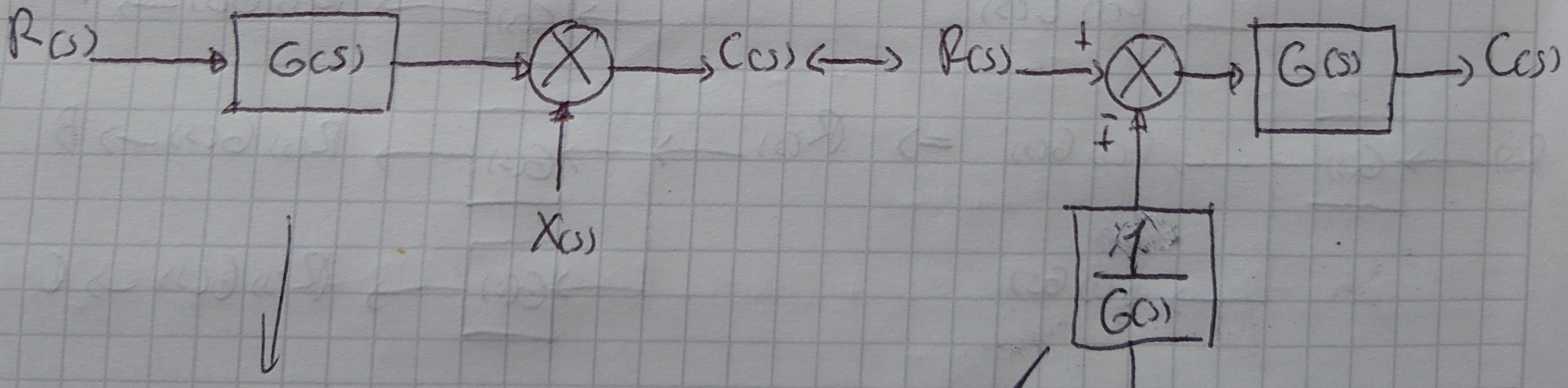
$C = R(s)\,G(s)$ $\qquad C = R(s)\,G(s)$





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

$R(s)G(s) + R(s)G(s) = C(s) \longleftrightarrow R(s)G(s) + G(s)X(s) = C(s)$



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

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

Son equivalentes.

$\Rightarrow R(s)G(s) + X(s)$