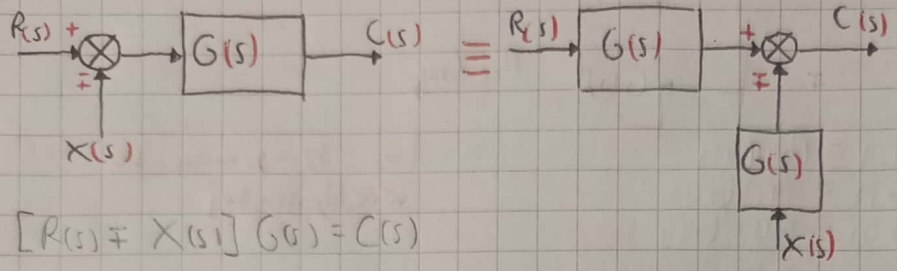
20 | 05 | 2024 | Santiago Andres Macias Paz | 20212005142

Tarea Algebra de bloques

1)

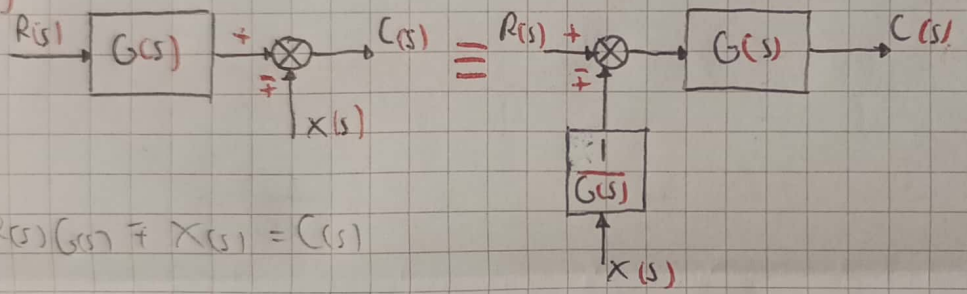


$[R(s) \mp X(s)]\,G(s) = C(s)$

$R(s)G(s) \mp X(s)G(s) = C(s) \equiv R(s)G(s) \mp X(s)G(s) = C(s)$

Los diagramas son equivalentes

2)



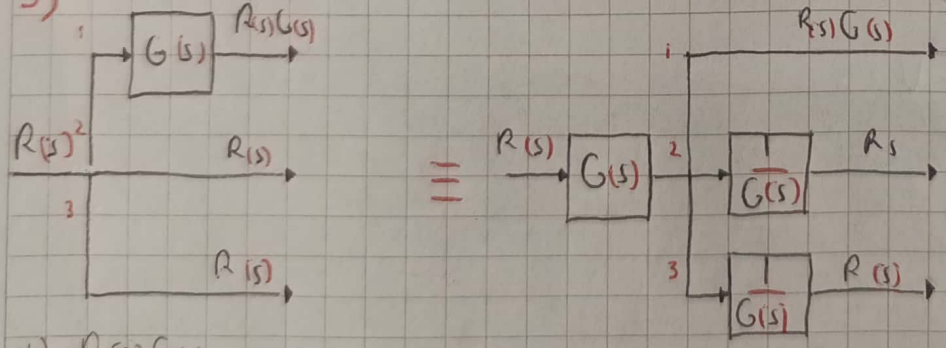
$R(s)G(s) \mp X(s) = C(s)$

$\left[R(s) \mp \frac{X(s)}{G(s)}\right] G(s) = C(s)$

$R(s)G(s) \mp X(s) = C(s) \equiv G(s)R(s) \mp X(s) = C(s)$

Los diagramas son equivalentes

3)



1) $R(s)G(s)$
2) $R(s)$
3) $R(s)$

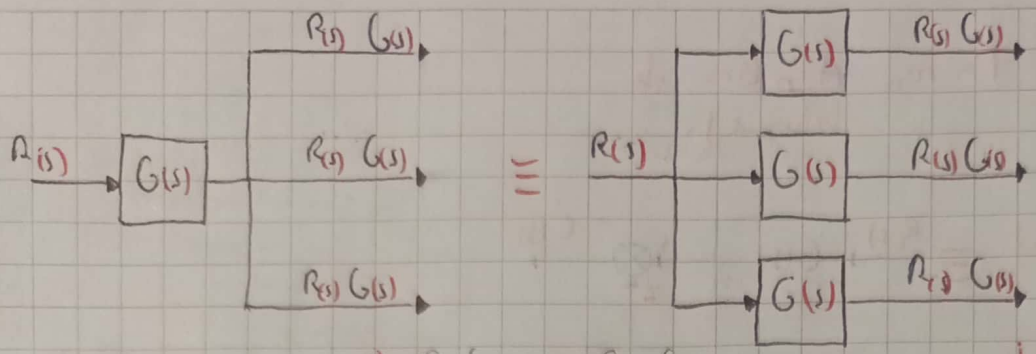
1) $G(s)R(s) = R(s)G(s)$
2) $R(s) = R(s)$
3) $R(s) = R(s)$

Los diagramas son equivalentes

1) $R(s)\cdot G(s) = R_s\,G(s)$
2) $[R_s\,G(s)]\frac{1}{G(s)} = R(s)$
3) $[R_s\,G(s)]\frac{1}{G(s)} = R_s$

Powered by CamScanner

4)



1) $R(s)G(s) = R(s)G(s)$
2) $R(s)G(s) = R(s)G(s)$
3) $R(s)G(s) = R(s)G(s)$

Los diagramas son equivalentes