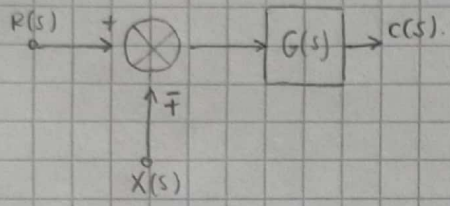
Nombre: Mateo Salamanca Pulido. Código: 20211005107. Sistemas Dinámicos Gr. 005-1

Tarea: Álgebra de bloques.

Demuestre la equivalencia entre los siguientes pares de diagramas de bloques haciendo uso del álgebra

1.



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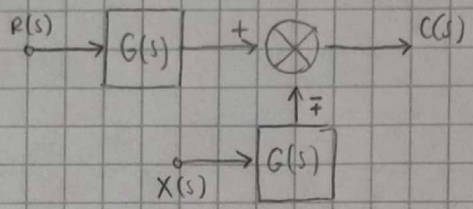
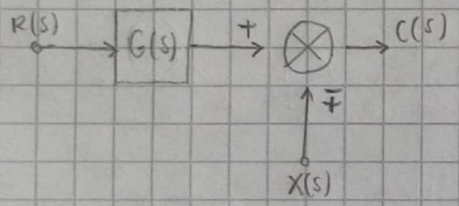


↳ $C(s) = G(s)[R(s) \mp X(s)]$

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

2.



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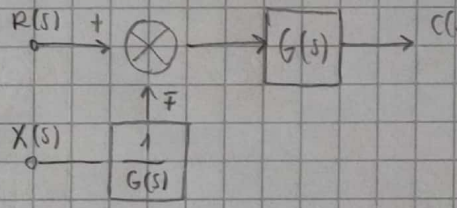
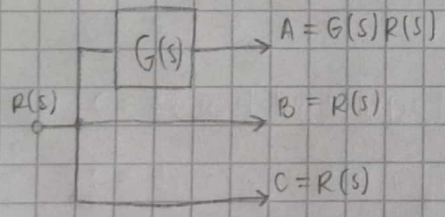


↳ $C(s) = G(s)R(s) \mp X(s)$.

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

3.



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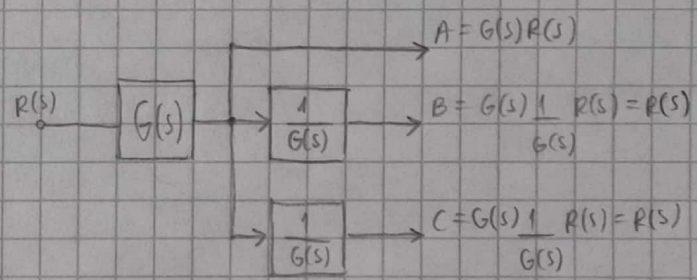
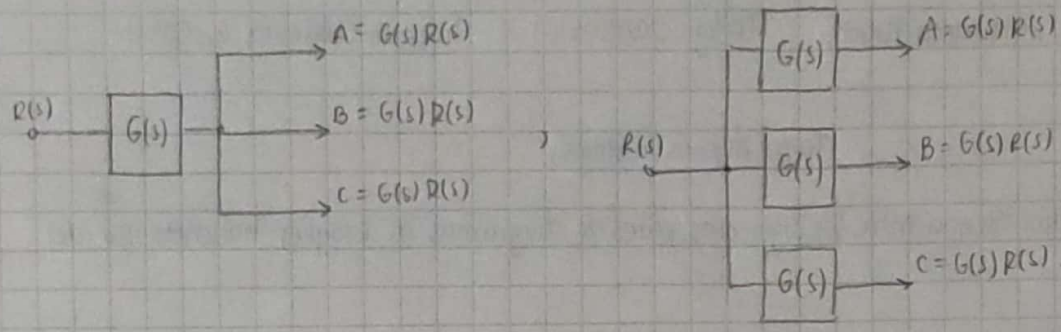


4



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