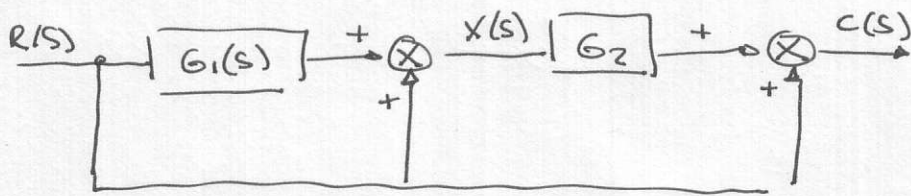


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apertado (b)



$$C(s) = R(s) + G_2(s) X(s)$$

$$X(s) = R(s) + G_1(s) \cdot R(s)$$

$$C(s) = R(s) + G_2(s) [R(s) + G_1(s) \cdot R(s)]$$

$$C(s) = R(s) + G_2(s) \cdot R(s) + G_1(s) \cdot G_2(s) \cdot R(s)$$

$$C(s) = R(s) [1 + G_2(s) + G_1(s) \cdot G_2(s)]$$

$$\boxed{\frac{C(s)}{R(s)} = 1 + G_2(s) + G_1(s) \cdot G_2(s)}$$