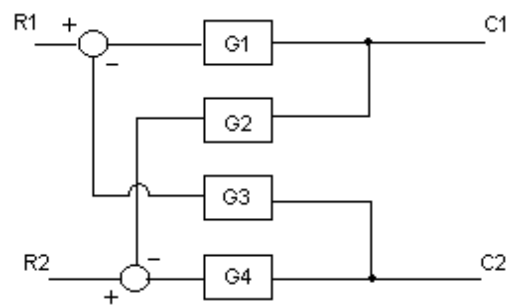
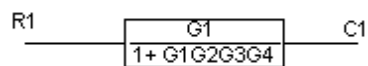
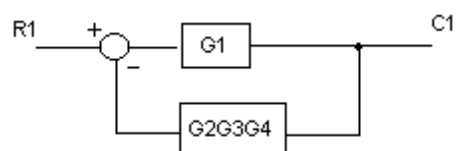
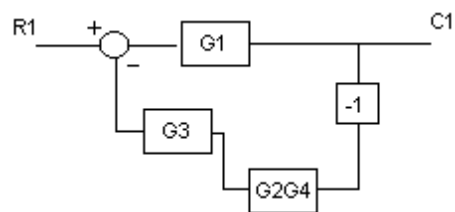
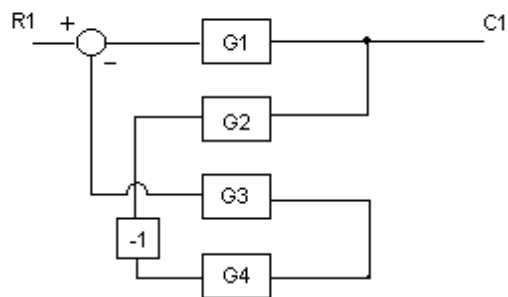




Problema 2.2.2.

$R2 = 0$



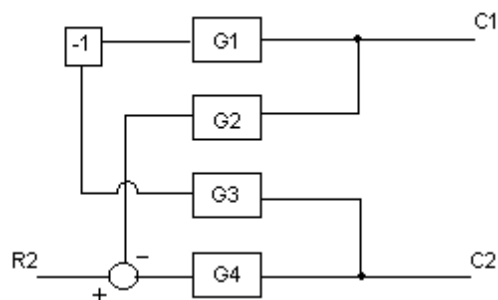
$$C1R1 = \left(\frac{G1}{1 + G1G2G3G4} \right) R1$$



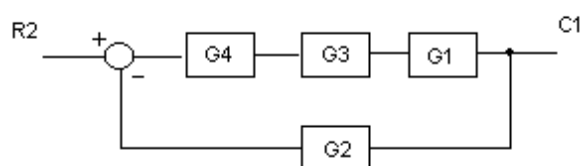
$$R1 \rightarrow \boxed{\frac{-G1G2G4}{1-G1G2G3G4}} \rightarrow C2$$

$$R1C2 = \left(\frac{-G1G2G4}{1-G1G2G3G4} \right) R1$$

R1=0

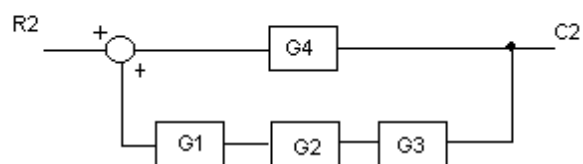


C1



$$R2C1 = \left(\frac{-G4G3G1}{1-G1G2G3G4} \right) R2$$

C2



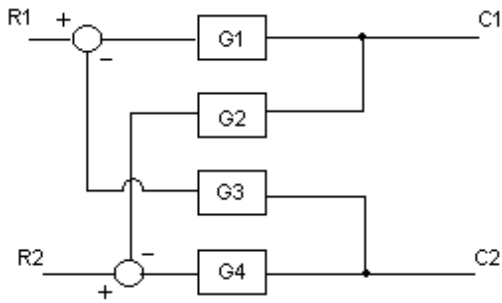
$$R2C2 = \left(\frac{G4}{1-G1G2G3G4} \right) R2$$

$$C1 = \left(\frac{G1}{1 - G1G2G3G4} \right) R1 + \left(\frac{-G1G3G4}{1 - G1G2G3G4} \right) R2$$

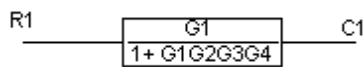
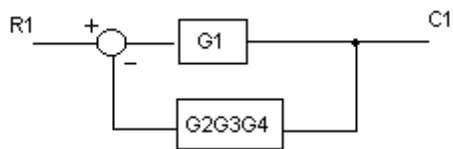
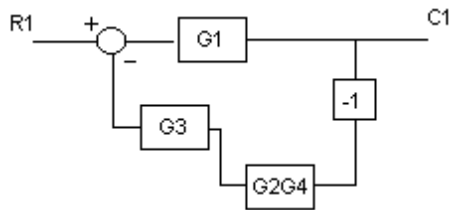
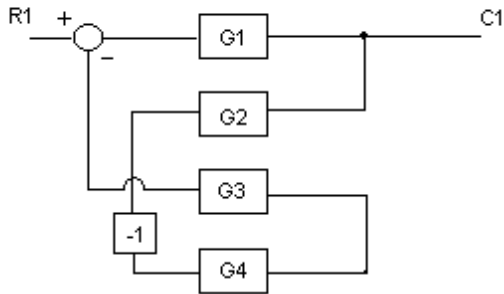
$$C1 = \left(\frac{G1^2G3G4R1R2}{1 - G1G2G3G4} \right) = \left(\frac{G1}{1 - G1G2G3G4} \right) (R1 + G3G4R2)$$

$$C2 = \left(\frac{-G1G2G4}{1 - G1G2G3G4} \right) R1 + \left(\frac{G4}{1 - G1G2G3G4} \right) R2$$

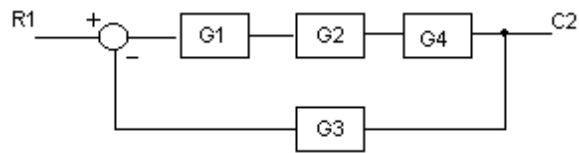
$$C2 = \left(\frac{G1^2G2G4^2R1R2}{1 - G1G2G3G4} \right) = \left(\frac{G4}{1 - G1G2G3G4} \right) (G1G2R1 + R2)$$



$$R2 = 0$$



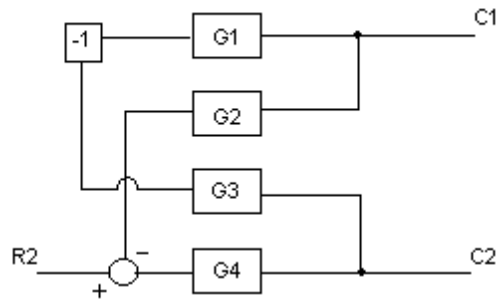
$$C1R1 = \left(\frac{G1}{1 + G1G2G3G4} \right) R1$$



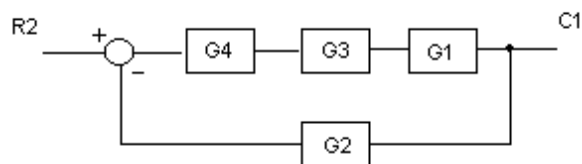
$$R1 \rightarrow \boxed{\frac{-G1G2G4}{1-G1G2G3G4}} \rightarrow C2$$

$$R1C2 = \left(\frac{-G1G2G4}{1-G1G2G3G4} \right) R1$$

R1=0

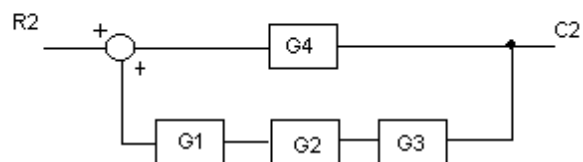


C1



$$R2C1 = \left(\frac{-G4G3G1}{1-G1G2G3G4} \right) R2$$

C2



$$R2C2 = \left(\frac{G4}{1-G1G2G3G4} \right) R2$$

$$C1 = \left(\frac{G1}{1 - G1G2G3G4} \right) R1 + \left(\frac{-G1G3G4}{1 - G1G2G3G4} \right) R2$$

$$C1 = \left(\frac{G1^2G3G4R1R2}{1 - G1G2G3G4} \right) = \left(\frac{G1}{1 - G1G2G3G4} \right) (R1 + G3G4R2)$$

$$C2 = \left(\frac{-G1G2G4}{1 - G1G2G3G4} \right) R1 + \left(\frac{G4}{1 - G1G2G3G4} \right) R2$$

$$C2 = \left(\frac{G1^2G2G4^2R1R2}{1 - G1G2G3G4} \right) \left(\frac{G4}{1 - G1G2G3G4} \right) (G1G2R1 + R2)$$