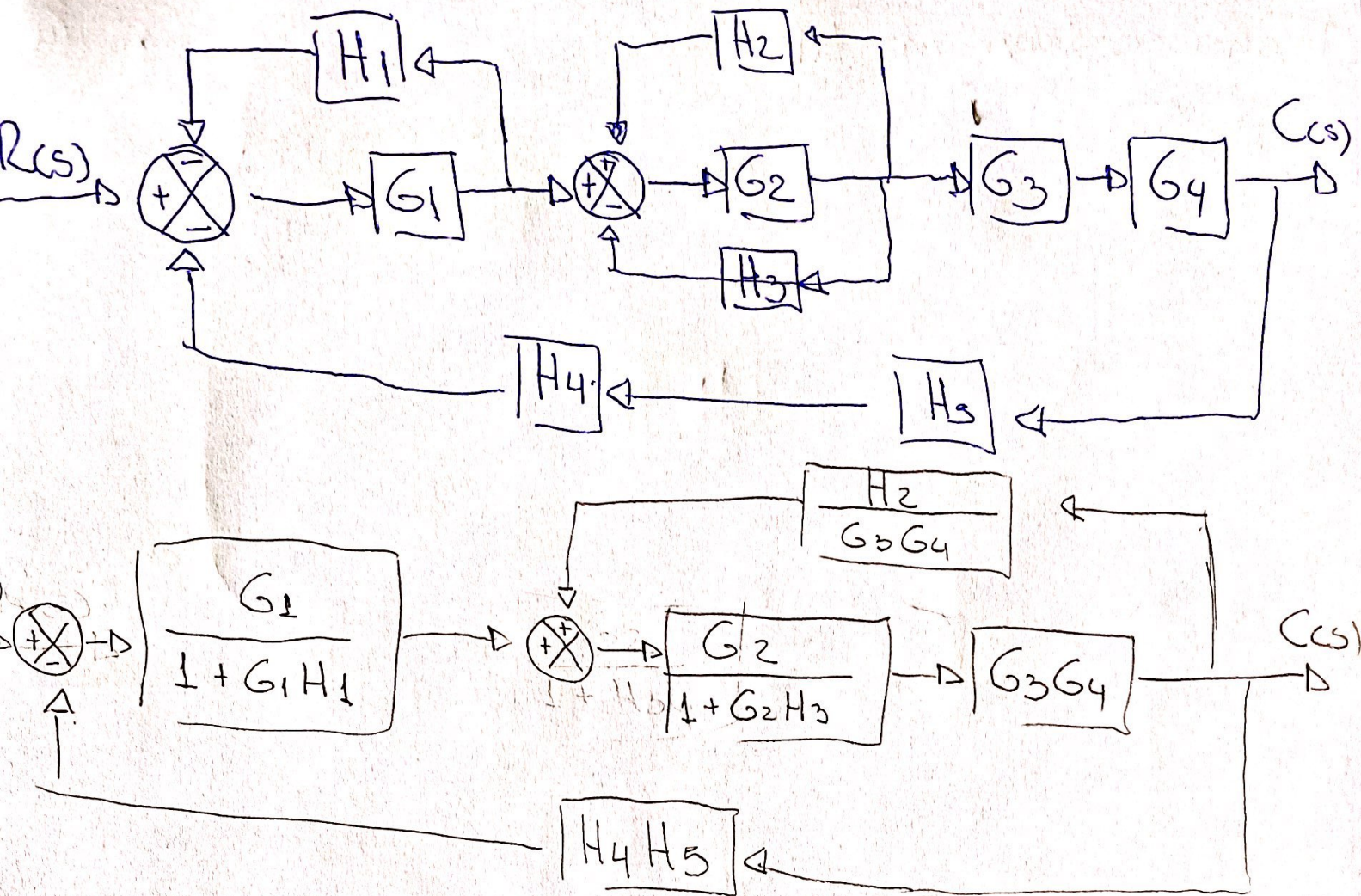




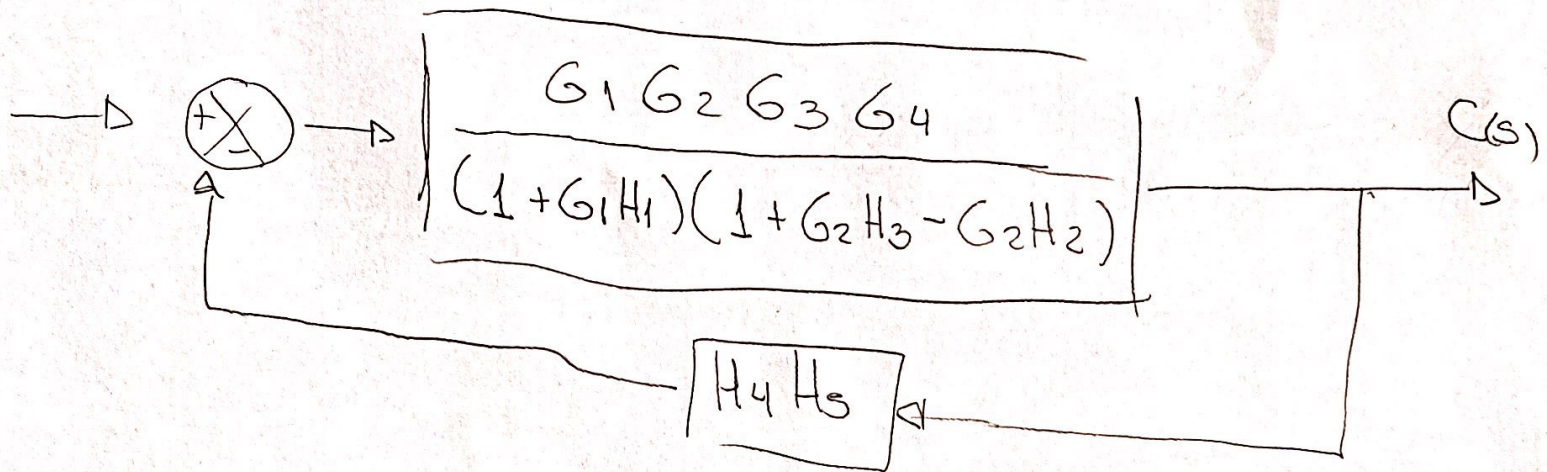
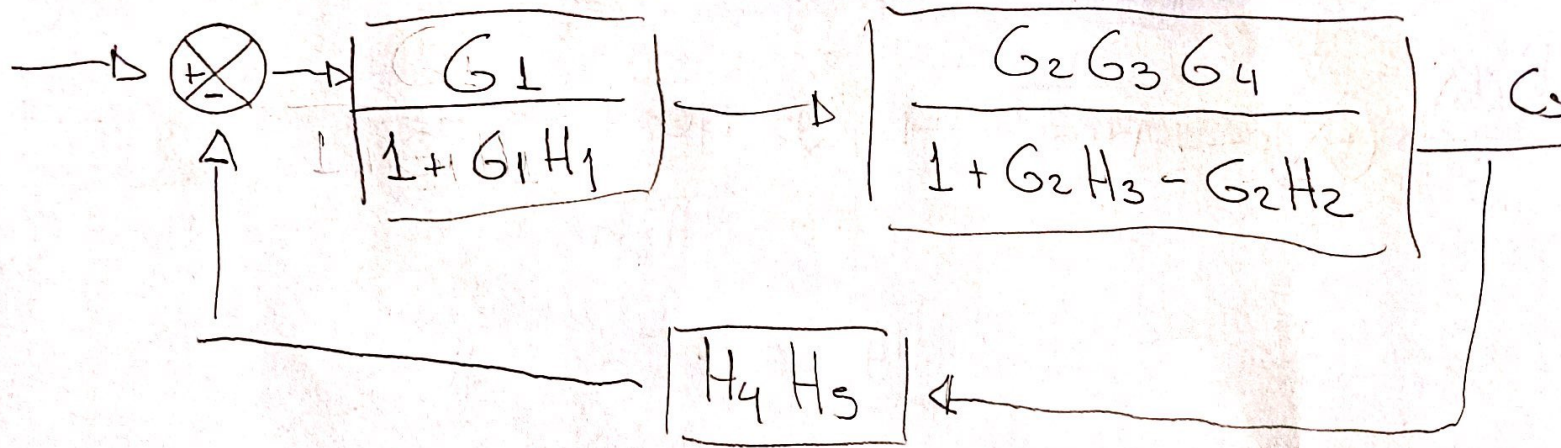
$$\begin{aligned}
 & \frac{G_2 G_3 G_4}{1 + G_2 H_3} \\
 & 1 - \left[\frac{G_2 \cancel{G_3 G_4}}{1 + G_2 H_3} \cdot \frac{H_2}{\cancel{G_3 G_4}} \right] \\
 & = \frac{G_2 G_3 G_4}{1 + G_2 H_3} \cdot \frac{1 + G_2 H_3 - G_2 H_2}{1 + G_2 H_3} \\
 & = \frac{G_2 G_3 G_4}{1 + \cancel{G_2 H_3}} \cdot \frac{1 + \cancel{G_2 H_3}}{1 + G_2 H_3 - G_2 H_2}
 \end{aligned}$$

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(3)

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(4)



$$\frac{G_1G_2G_3G_4}{(1+G_1H_1)(1+G_2H_3-G_2H_2)} \cdot \frac{1+G_1G_2G_3G_4}{(1+G_1H_1)(1+G_2H_3-G_2H_2)} \cdot H_4H_5$$

$$\frac{G_1G_2G_3G_4}{(1+G_1H_1)(1+G_2H_3-G_2H_2)}$$

$$\frac{G_1G_2G_3G_4}{(1+G_1H_1)(1+G_2H_3-G_2H_2)} \cdot \frac{(1+G_1H_1)(1+G_2H_3-G_2H_2)}{(1+G_1H_1)(1+G_2H_3-G_2H_2) + G_1G_2G_3G_4H_4H_5}$$

$$R_s \rightarrow \frac{G_1G_2G_3G_4}{(1+G_1H_1)(1+G_2H_3-G_2H_2) + G_1G_2G_3G_4H_4H_5} \rightarrow C(s)$$