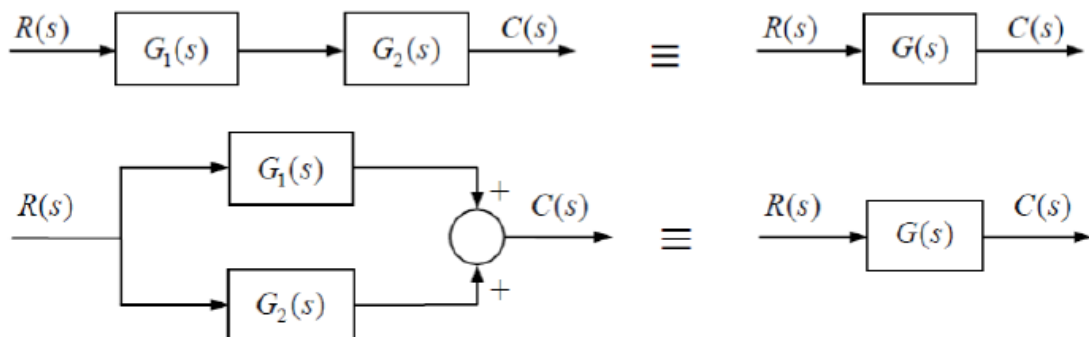


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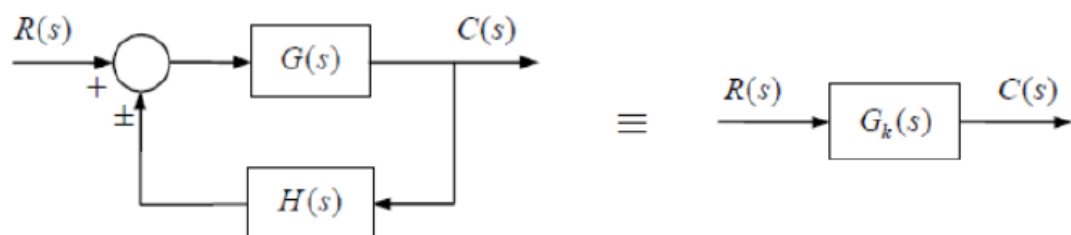
CONTROL LAB 2

PRELAB: You should do all calculations on paper!!!

- 1) Find $G_1(s)$ and $G_2(s)$ equal $\frac{10}{s^2+2s+10}$, $\frac{5}{s+5}$ respectively, reduce the blocks connected in series and parallel.



- 2) If $G(s)$ and $H(s)$ equal $\frac{10}{s^2+2s+10}$, $\frac{5}{s+5}$ respectively, reduce the blocks connected with feedback connection.



3) Find the closed loop transfer function of the system given below with MATLAB functions.

