

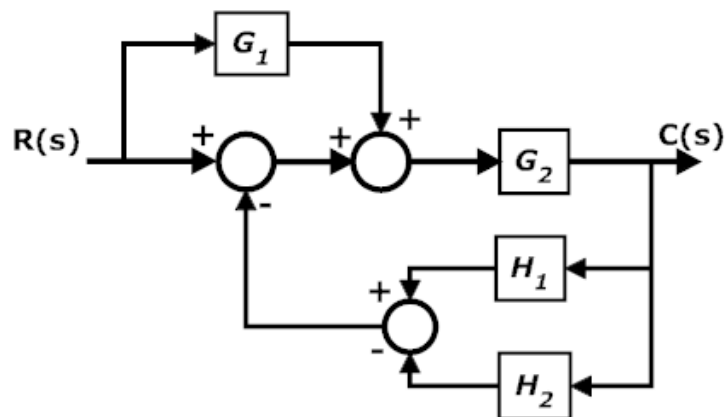
Automatic Control Systems

Sheet (05)

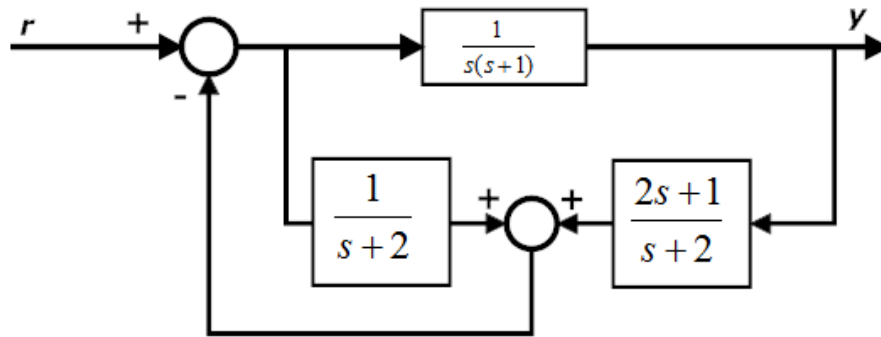
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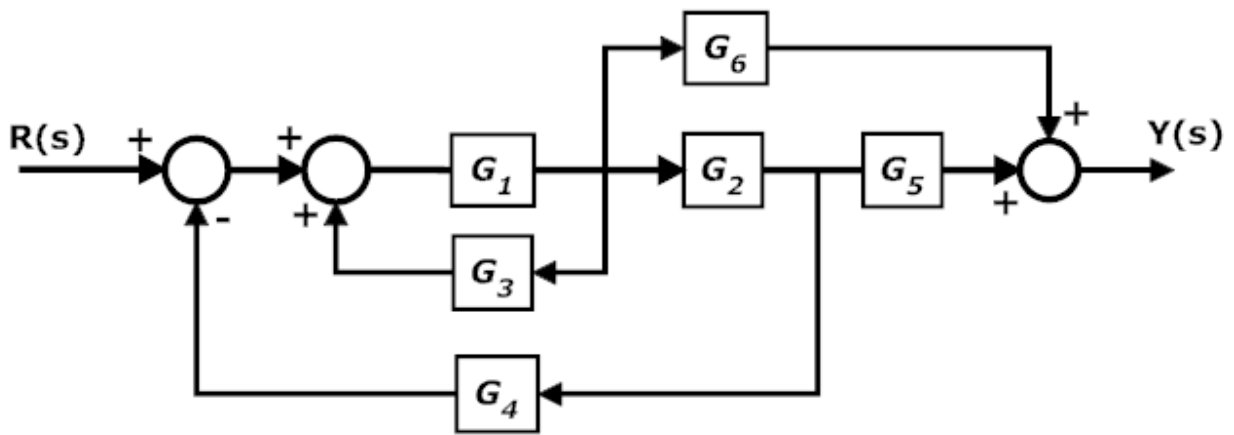
1. Simplify the block diagram shown in Figure and Obtain the closed loop transfer function $C(s)/R(s)$



2. Simplify the block diagram shown in Figure and Obtain the closed loop transfer function $Y(s)/R(s)$



3. Simplify the block diagram shown in Figure and Obtain the closed loop transfer function $Y(s)/R(s)$



4. Simplify the block diagram shown in Figure and Obtain the closed loop transfer function $C(s)/R(s)$

