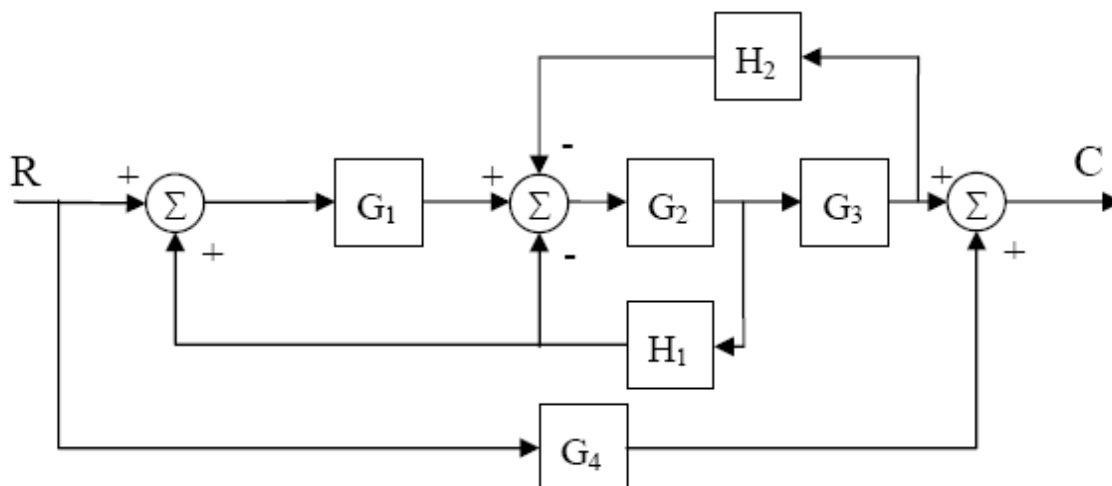


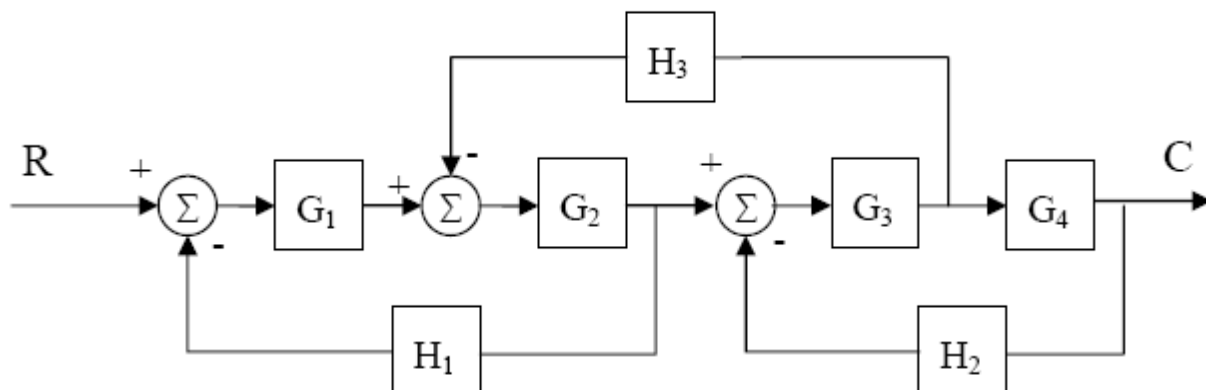
## Sheet 6

### Block Diagram Reduction

1- Reduce the following block diagram



2- Determine  $\frac{C}{R}$  for the following system



3- For the shown circuit determine  $\frac{V_o}{V_i}$

