

# Block diagram transformations

Perform block diagram reduction and determine the single transfer function  $\frac{Y(s)}{R(s)}$

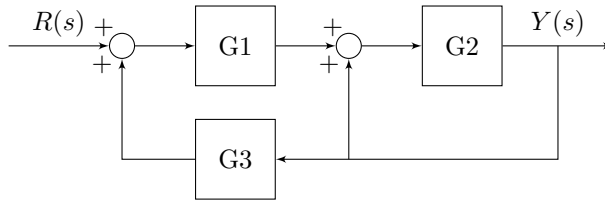


Figure 1: Task 1

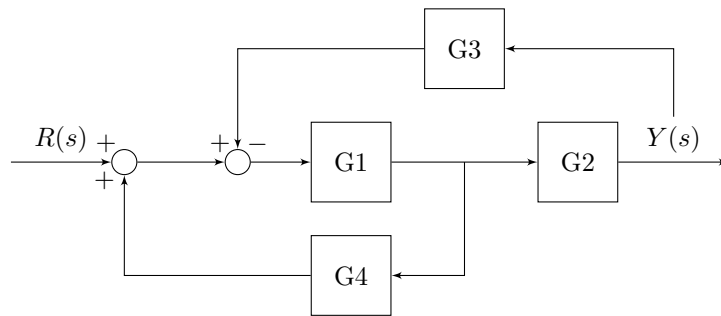


Figure 2: Task 2

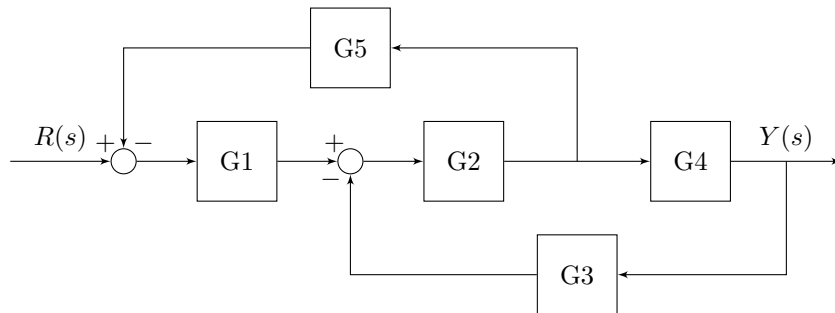


Figure 3: Task 3

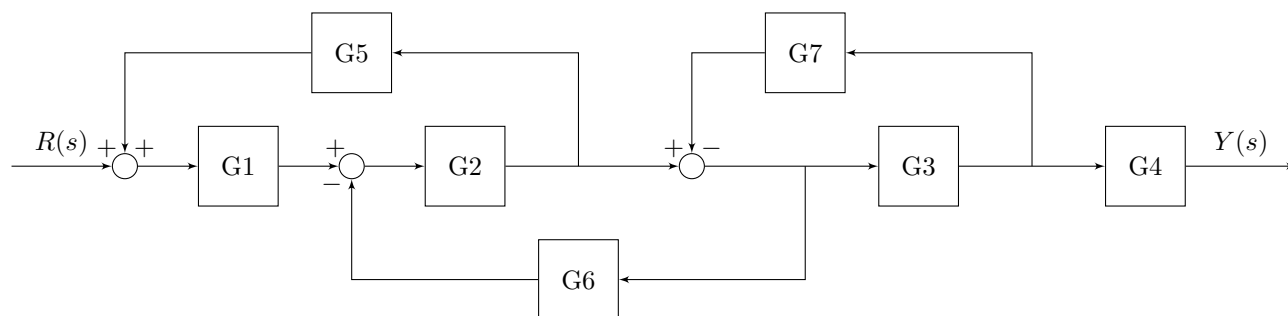


Figure 4: Task 4