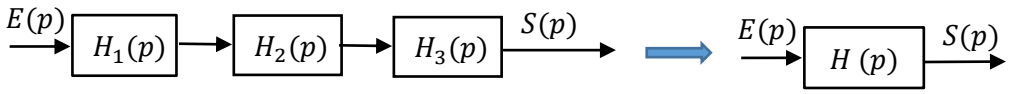
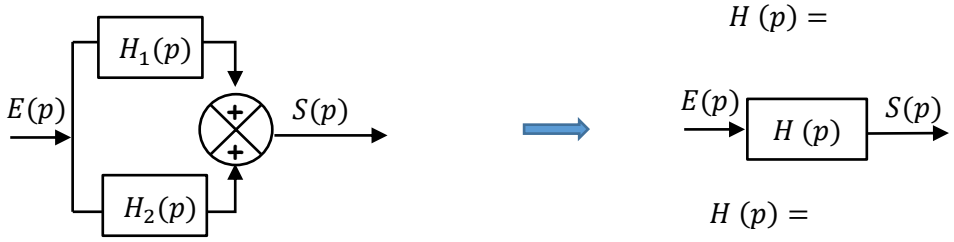
Manipulations des schémas blocs

1. Opérations de base



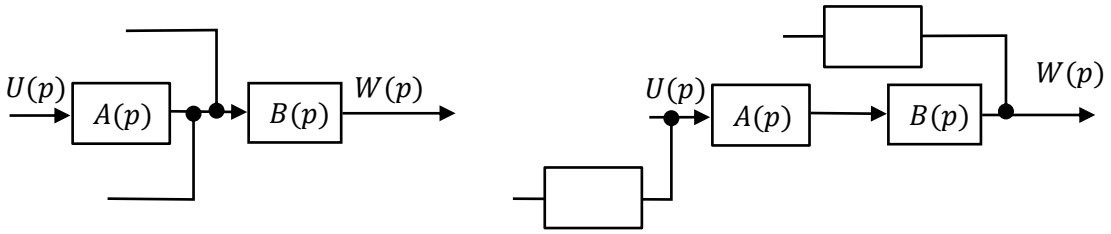
$H\ (p) =$



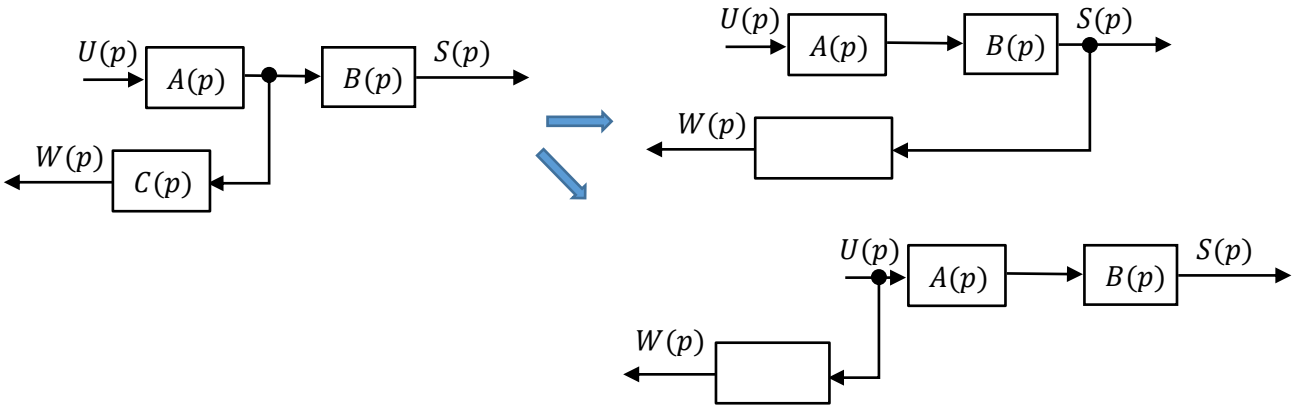
$H\ (p) =$

2. Déplacements de points de prélèvement

Cas 1 :



Cas 2 :



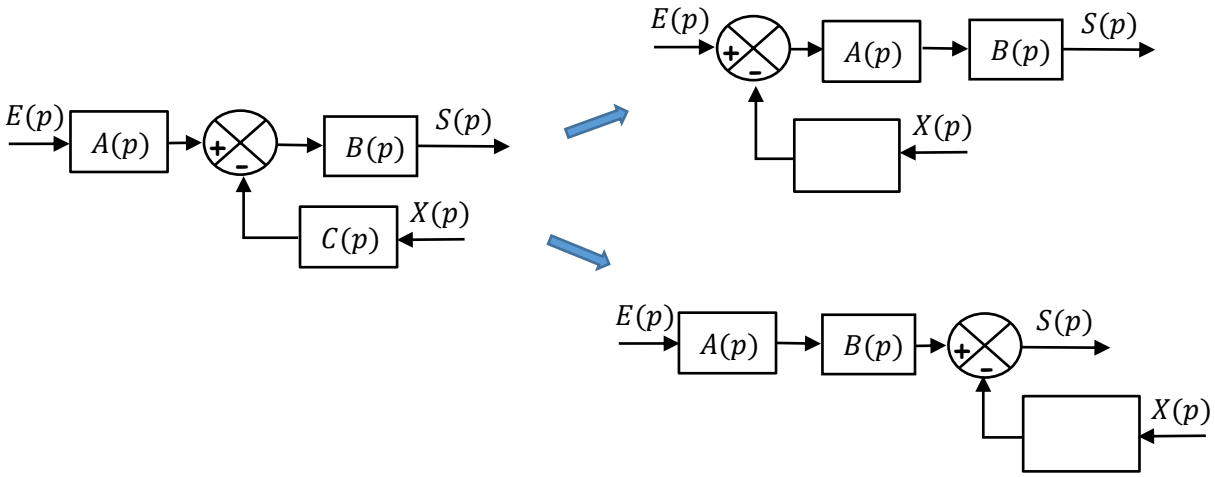
3. Déplacements de sommateur

Cas 1 :

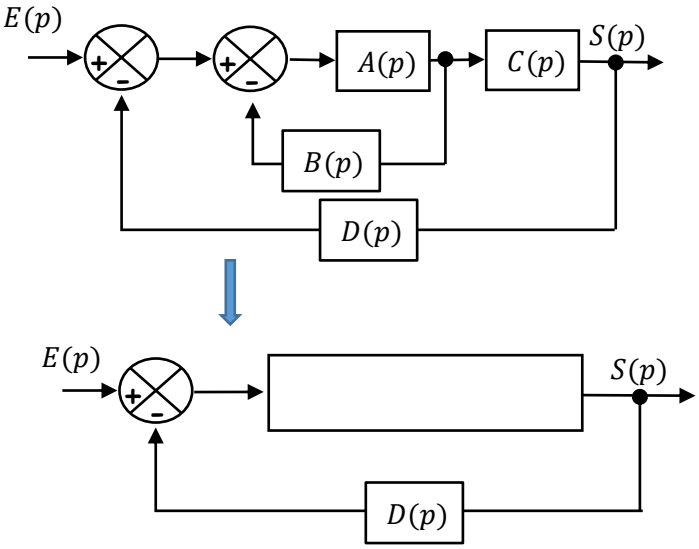
$W\ (p) =$

$W\ (p) =$

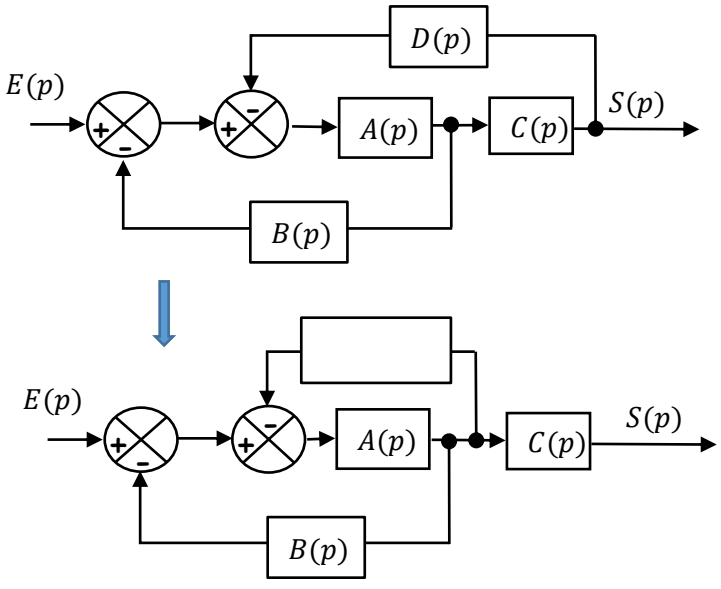
Cas 2 :



4. Simplification de boucles concentriques

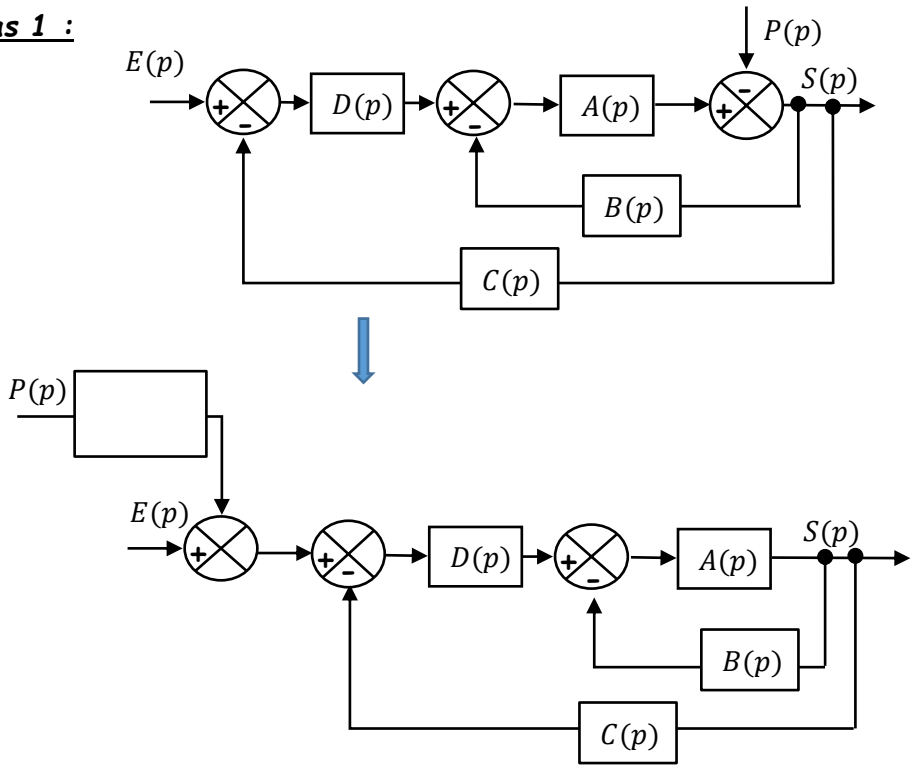


5. Simplification de boucles imbriquées



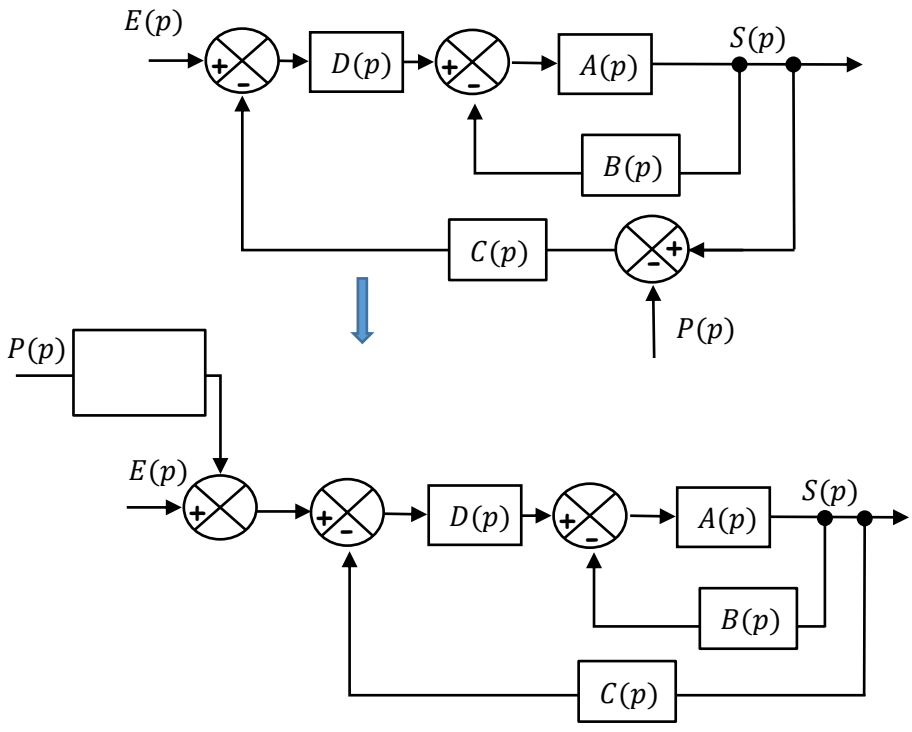
6. Déplacements de perturbations

Cas 1 :



$S\,(p) =$

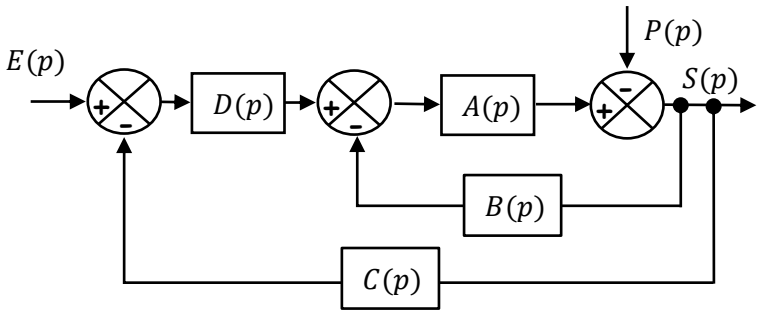
Cas 2 :



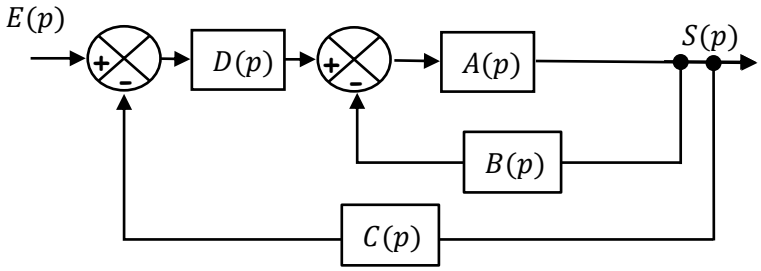
$S\,(p) =$

7. Principe de superposition

$S(p) = H_{1\,P(p)=0} * E(p) + H_{2\,E(p)=0} * P(p)$

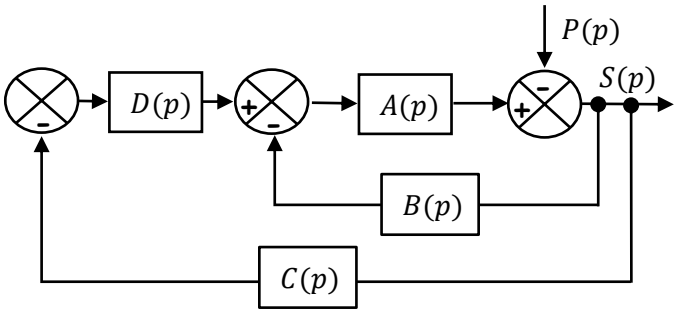


1) $\boldsymbol{P(p) = 0}$



$H_{1\,P(p)=0} =$

2) $\boldsymbol{E(p) = 0}$



$H_{2\,E(p)=0} =$

On en déduit : $S\,(p) =$