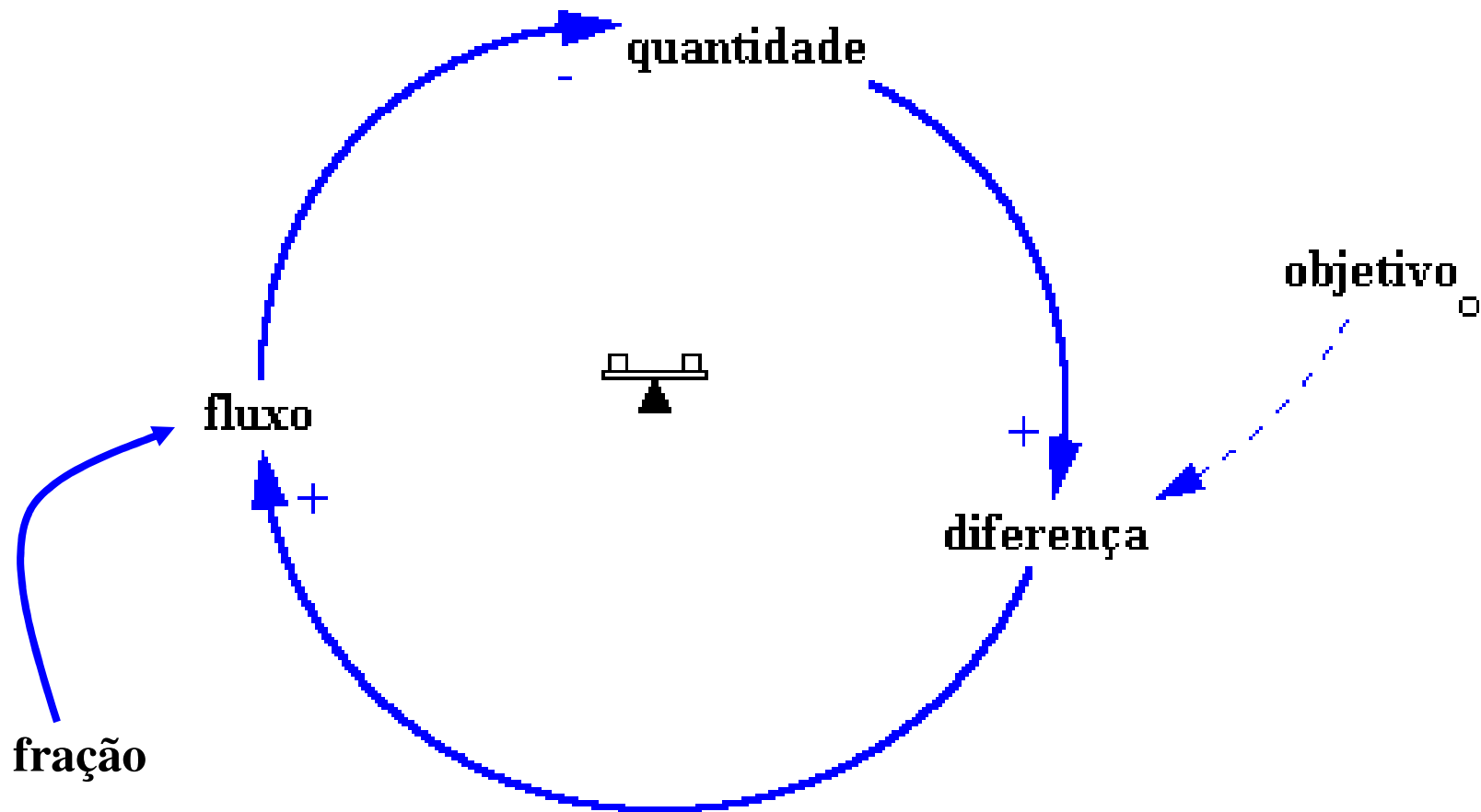
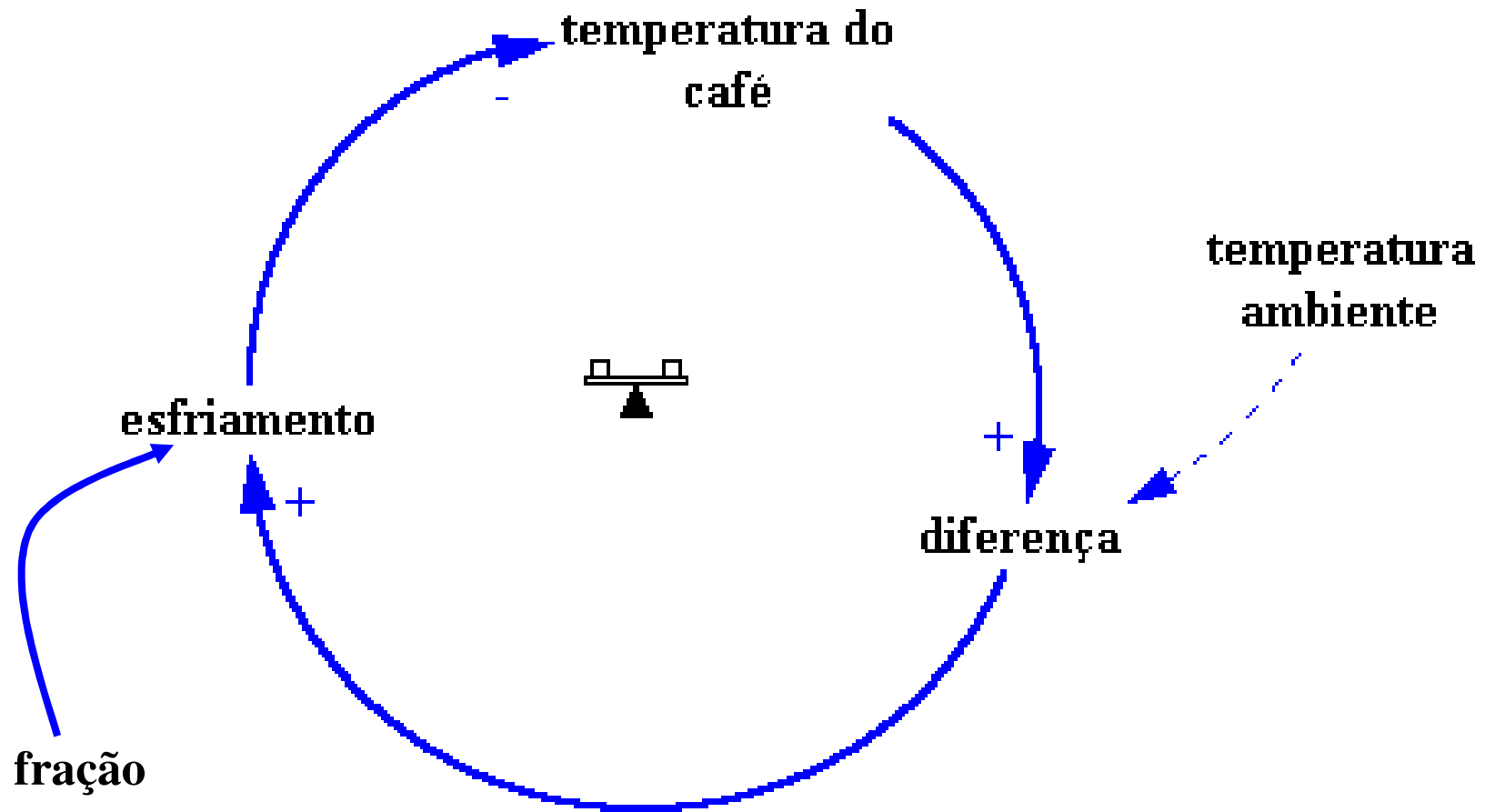


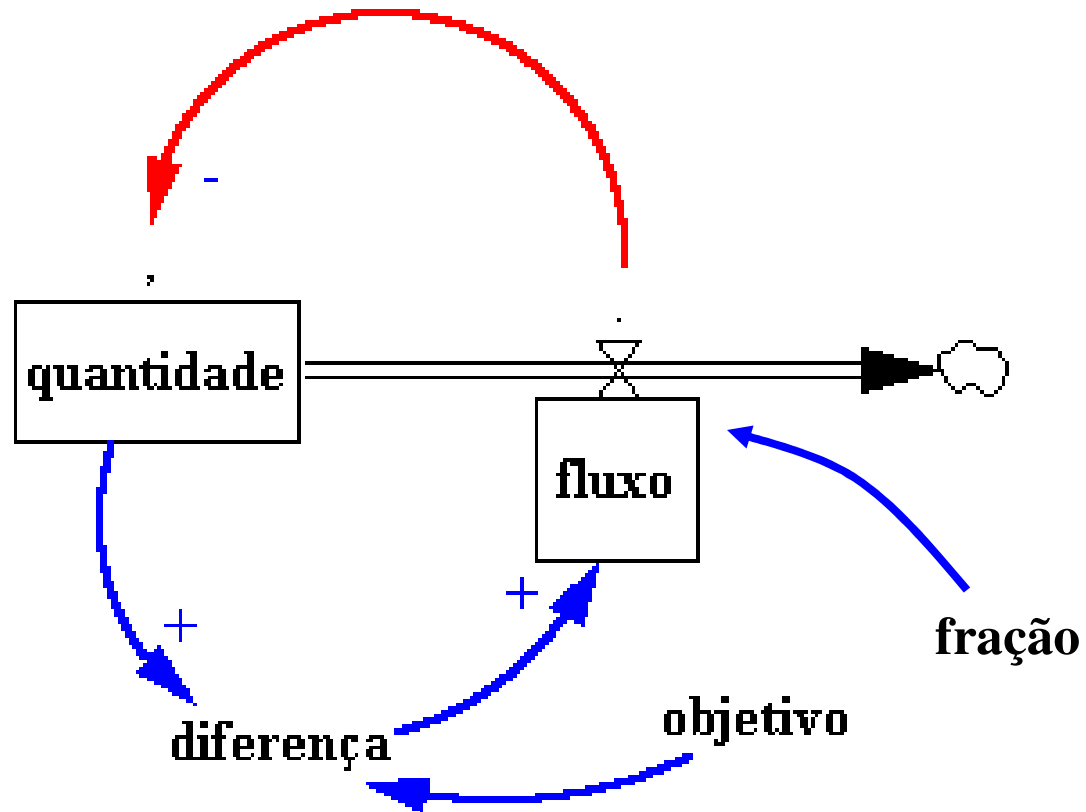
Feedback negativo – diagrama geral 1



Feedback negativo – exemplo1

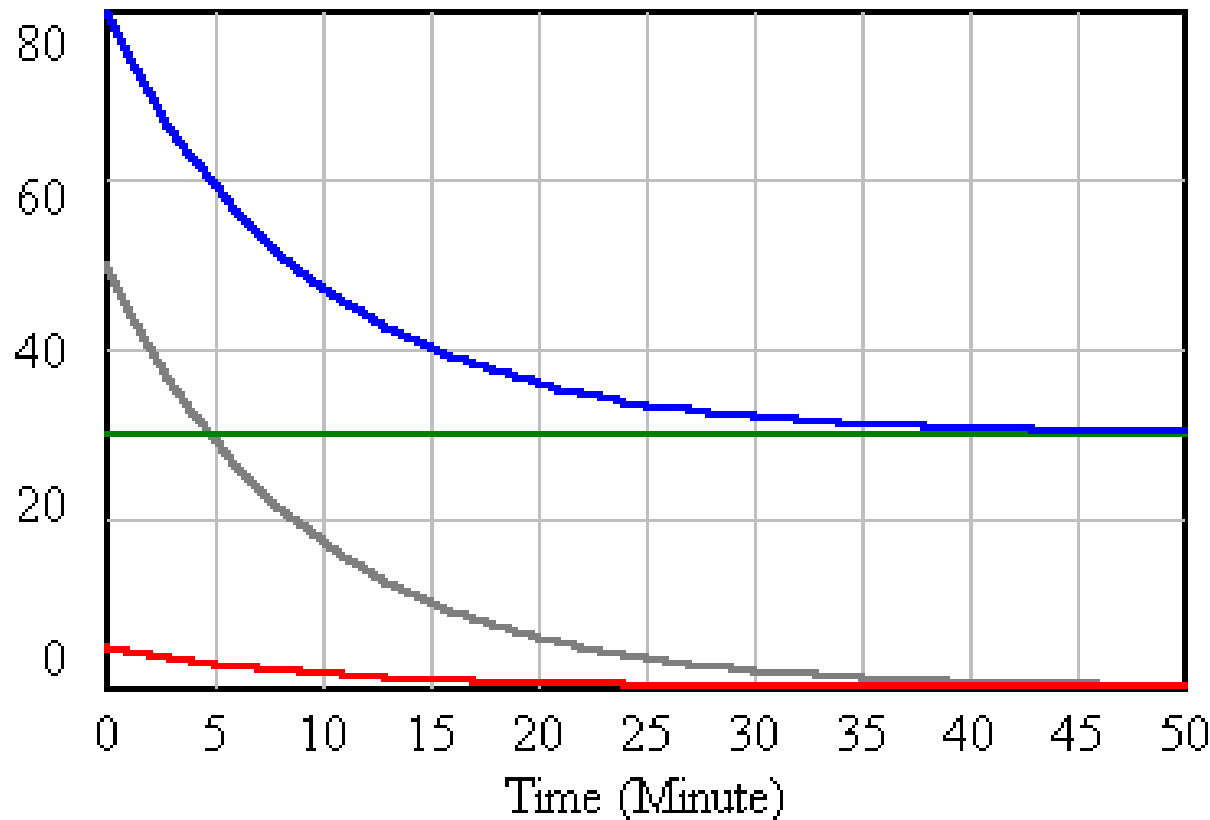


Feedback negativo – modelo



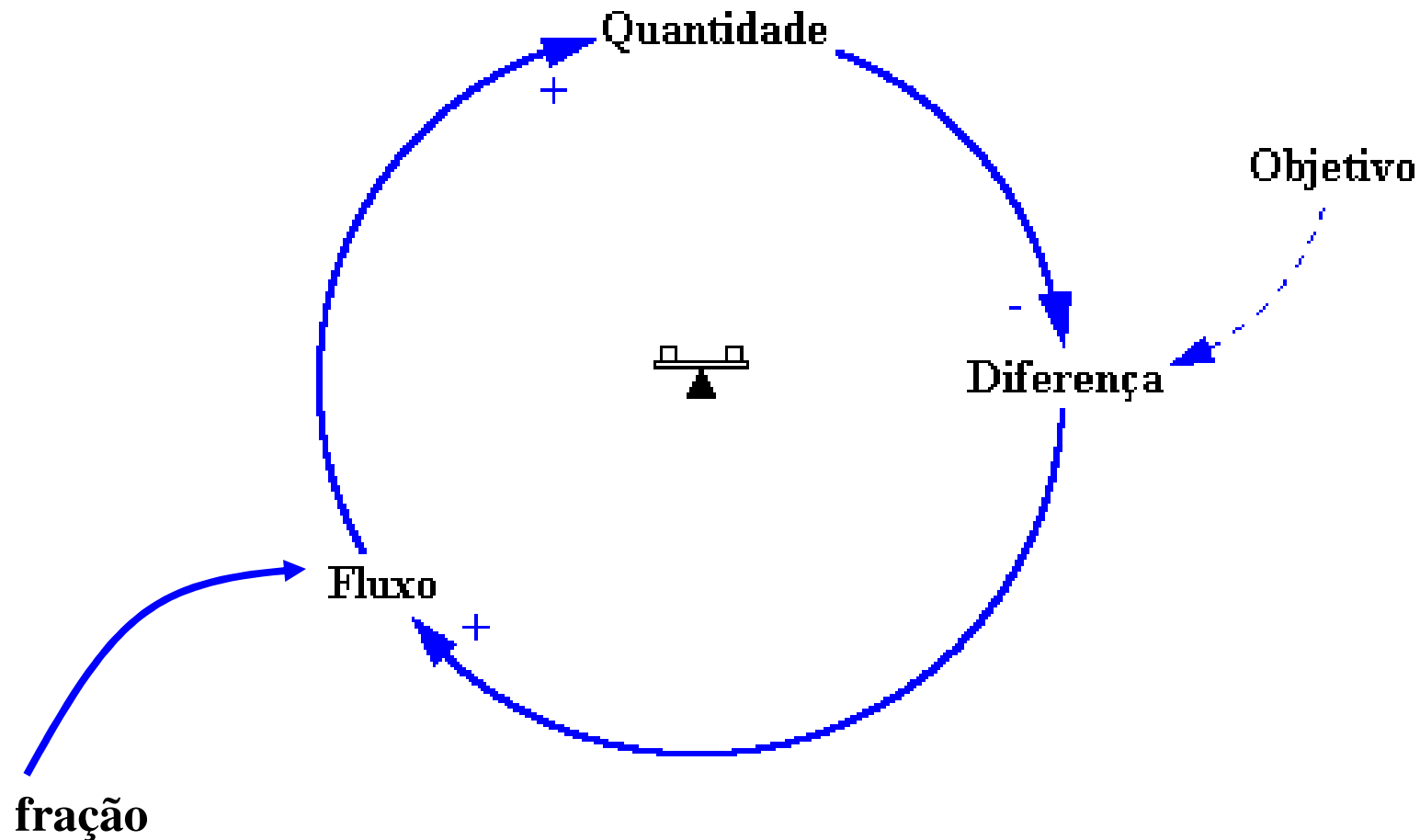
diferença = quantidade - objetivo

Feedback negativo – exemplo1

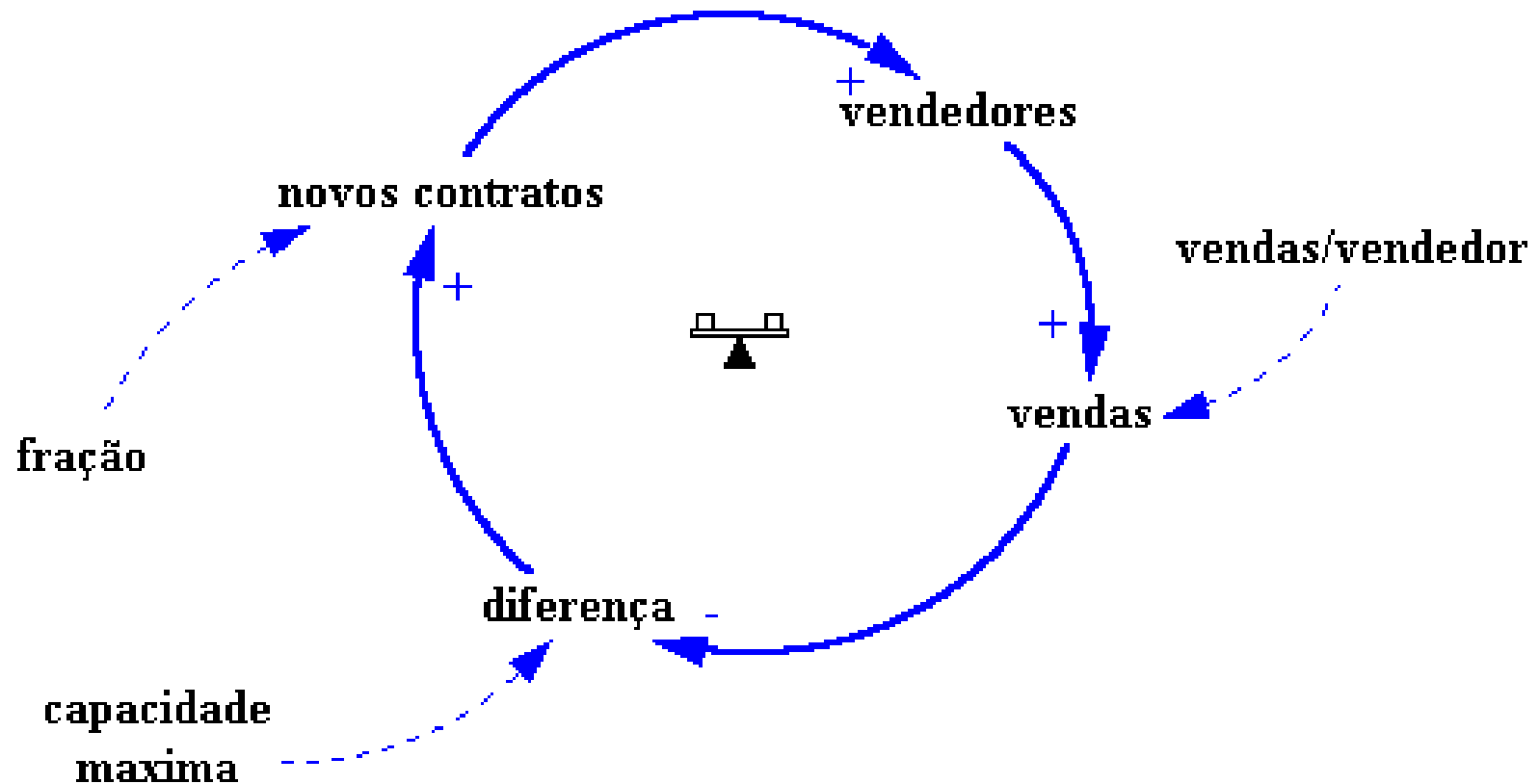


temperatura do café : Current ——— graus
fluxo : Current ——— graus
temperatura ambiente : Current ——— graus
diferença de temperatura : Current ——— graus

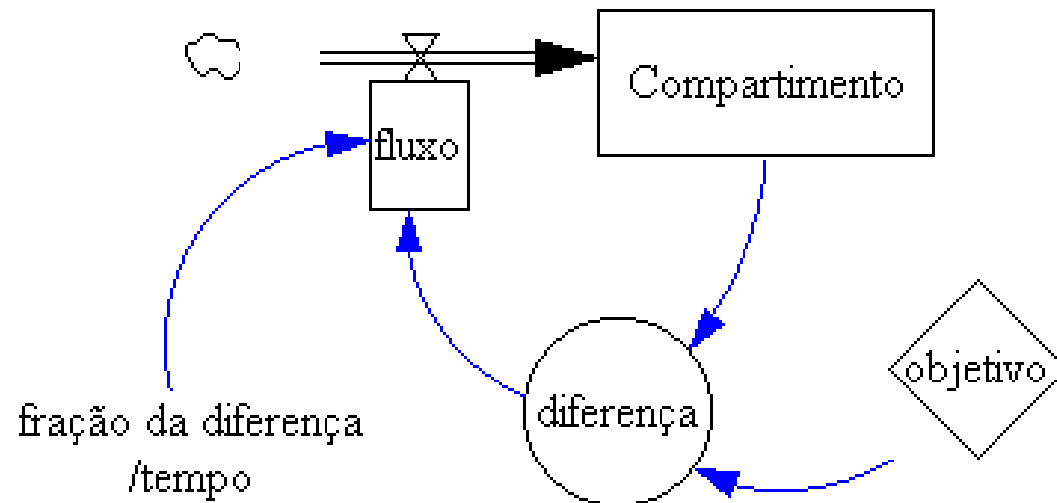
Feedback negativo - diagrama 2



Feedback negativo – exemplo 2

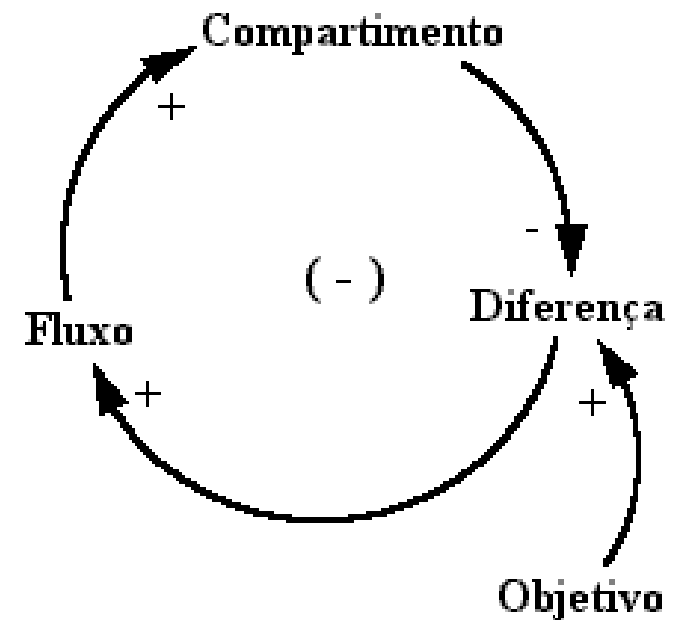


Feed back negativo

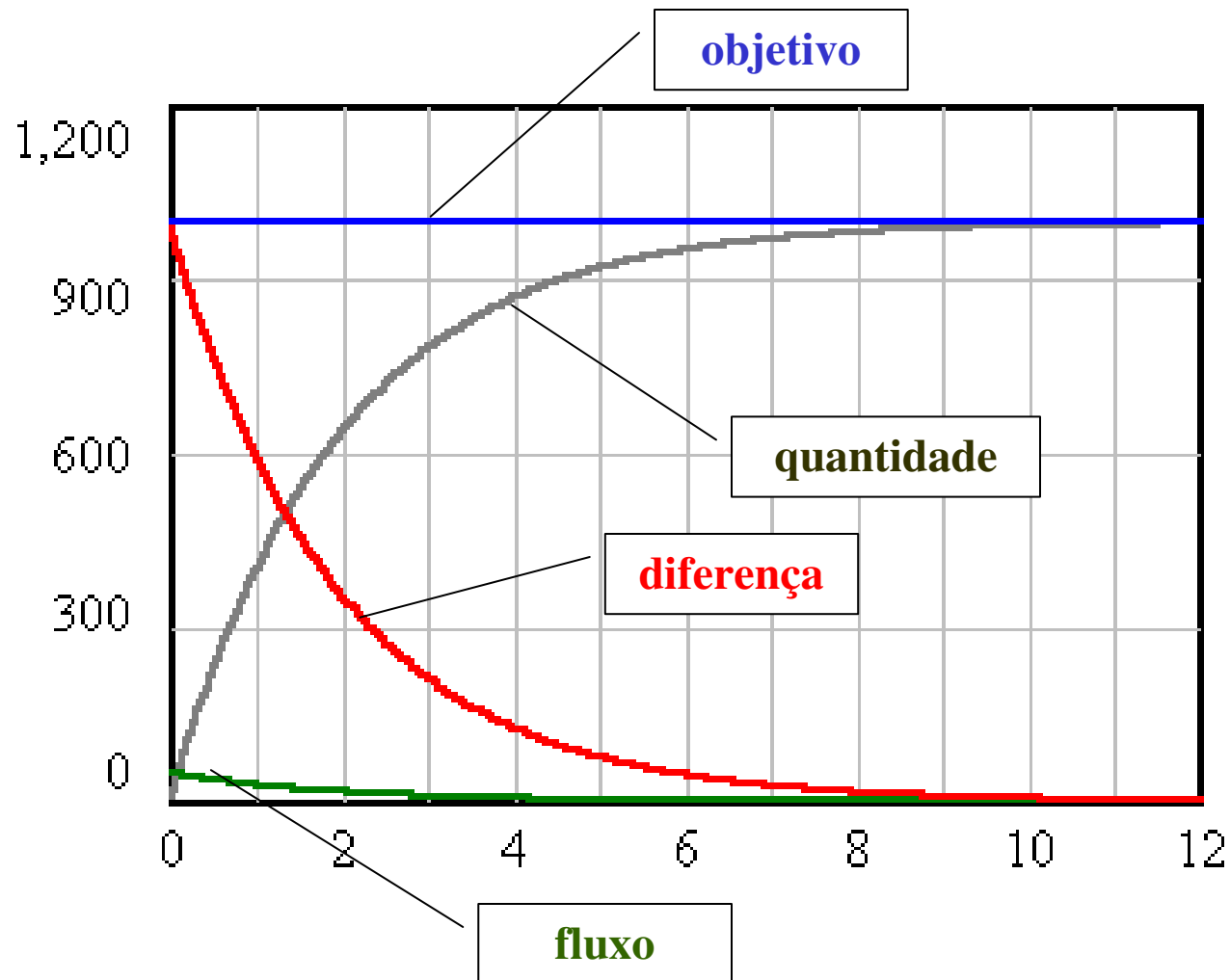


$$\text{dif} = \text{objetivo} - X(t)$$

$$X(t+dt) = X(t) + dt * ((\text{objetivo} - X(t)) * \text{fração})$$



Feedback negativo



Feedback negativo

