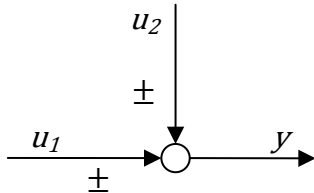


Elementare Übertragungsglieder in Blockschaltbildern

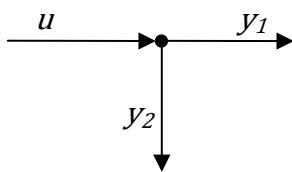
Übersicht häufig verwendeter Symbole der wichtigsten elementare Übertragungsglieder

Summationsglied



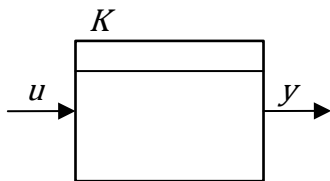
$$y(t) = \pm u_1(t) \pm u_2(t)$$

Signalverzweigung



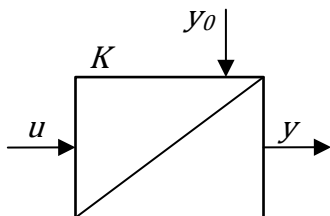
$$y_1(t) = y_2(t) = u(t)$$

Proportionalglied (P-Glied)



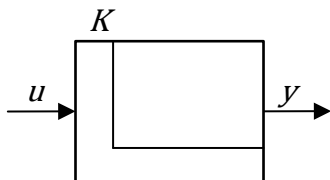
$$y(t) = K \cdot u(t)$$

Integrierglied (I-Glied)



$$y(t) = K \cdot \int_{t_0}^t u(\tau) d\tau$$

Differenzierglied (D-Glied)



$$y(t) = K \cdot \frac{du}{dt}$$

Kennlinienglied

