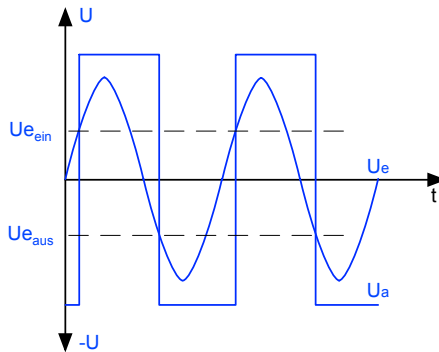
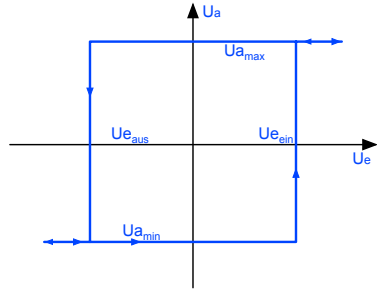
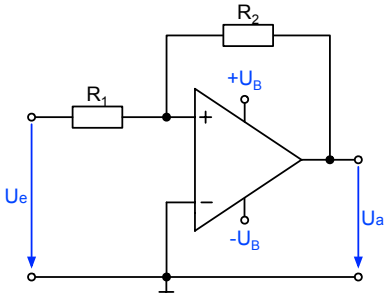


Kippschaltungen

Schmitt-Trigger

U_H : Hysteresespg. [V]

Nichtinvertierender Verstärker

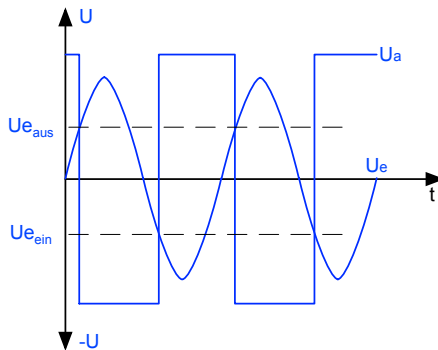
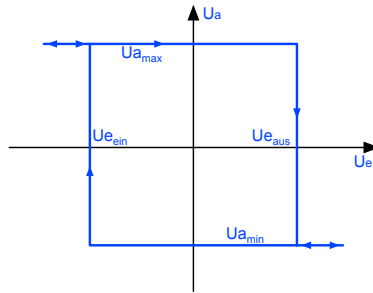
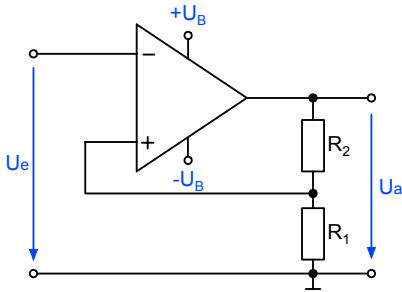


$$U_{e,ein} = \frac{R_1}{R_2} \cdot U_{a,max}$$

$$U_{e,aus} = \frac{R_1}{R_2} \cdot U_{a,min}$$

$$U_H = \frac{R_1}{R_2} \cdot (U_{a,max} - U_{a,min}) = U_{e,ein} - U_{e,aus}$$

Invertierender Verstärker



$$U_{e_{\text{ein}}} = \frac{R_1}{R_1 + R_2} \cdot U_{a_{\text{max}}}$$

$$U_{e_{\text{aus}}} = \frac{R_1}{R_1 + R_2} \cdot U_{a_{\text{min}}}$$

$$U_H = \frac{R_1}{R_1 + R_2} \cdot (U_{a_{\text{max}}} - U_{a_{\text{min}}}) = U_{e_{\text{ein}}} - U_{e_{\text{aus}}}$$