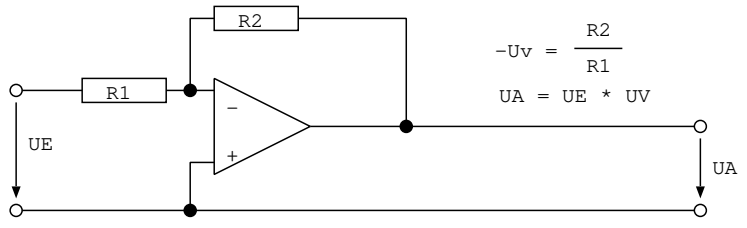
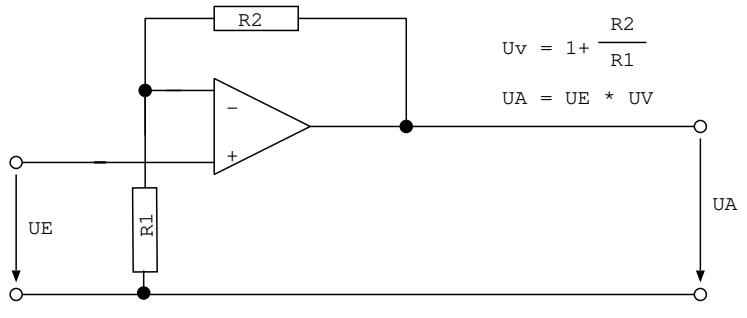
1. Inverter



$$-Uv = \frac{R2}{R1}$$

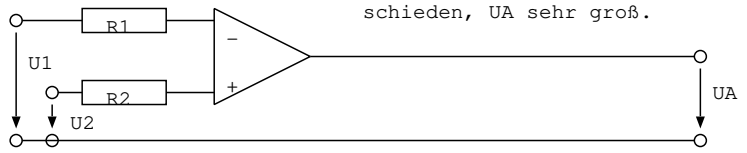
UA = UE * UV

2. Nichtinverter



$$Uv = 1 + \frac{R2}{R1}$$

UA = UE * UV

3. Vergleicher

Wenn U1 gleich U2, UA 0V.
Schon bei geringen Unterschieden, UA sehr groß.