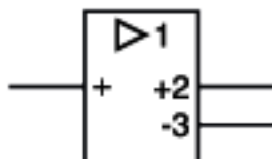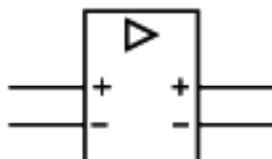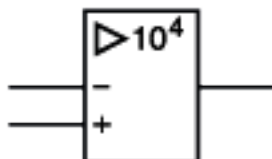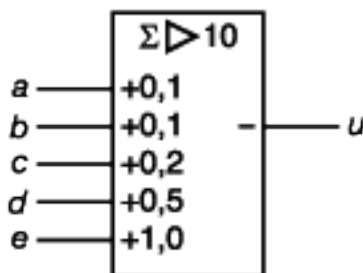# Illustrations

Amplifier with two outputs, the upper, non-inverting, has an amplification of 2, the lower, inverting, has an amplification of -3

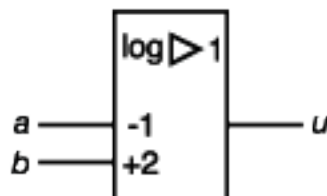Differential amplifier with two outputs, whose amplification is not specified

High-gain differntial amplifier with a nominal amplification of 10 000

Summing amplifier

$$u = -10\ (0,1a+0,1b+0,2c+0,5d+1,0e)$$
$$= -(a+b+2c+5d+10e)$$

Logarithmic amplifier

$$u = -log\ (-a + 2b)$$