# Comparatoare cu histerezis

- Neinversor

$$V_+ = \frac{R_2 V_{in} + R_1 V_{out}}{R_1 + R_2}$$

$$V_+ = V_+ - V_- = 0 \Rightarrow V_+ = V_- = 0$$

$$V_+ = \frac{R_2 V_{in} + R_1 V_{out}}{R_1 + R_2} = 0 \Rightarrow$$

$$R_2 V_{in} + R_1 V_{out} = 0 \Rightarrow V_{in} = -\frac{R_1}{R_2} V_{out} \Rightarrow$$

$$\Rightarrow V_p L_o = -\frac{R_1}{R_2} V_{OH}$$

$$V_p H_i = -\frac{R_1}{R_2} V_{OL}$$