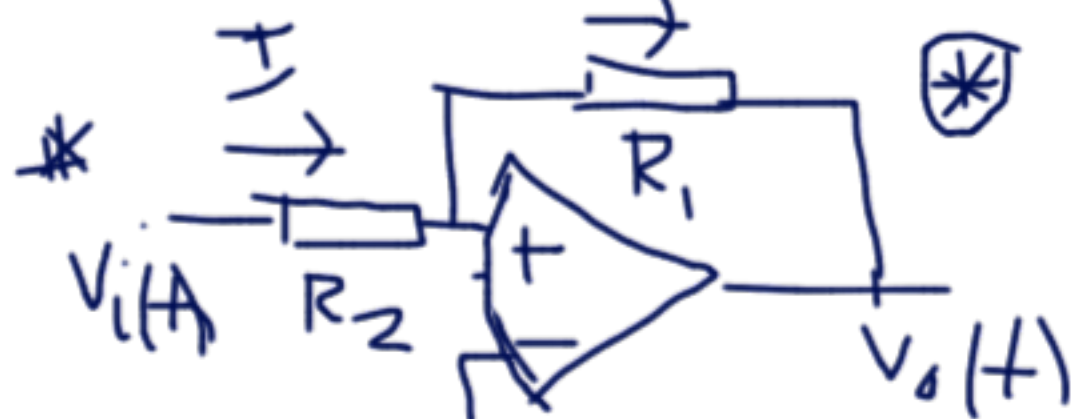


* Regenerative Amplifier



Jika $v_+ > v_- \rightarrow v_o = +V$
 Jika $v_+ < v_- \rightarrow v_o = -V$



(*) Ketika $v_i(t) \gg$ positif

$$v_+ > v_- \rightarrow v_o = +V$$

Jika $v_i(t)$ menurun

$$I = \frac{v_i(t) - v_+}{R_2} = \frac{v_+ - V}{R_1}$$

$$R_1 v_i(t) - R_1 v_+ = R_2 v_+ - R_2 V$$

$$(R_1 + R_2) v_+ = R_1 v_i(t) + R_2 V$$

$$v_+ = \frac{R_1}{R_1 + R_2} v_i(t) + \frac{R_2}{R_1 + R_2} V$$

