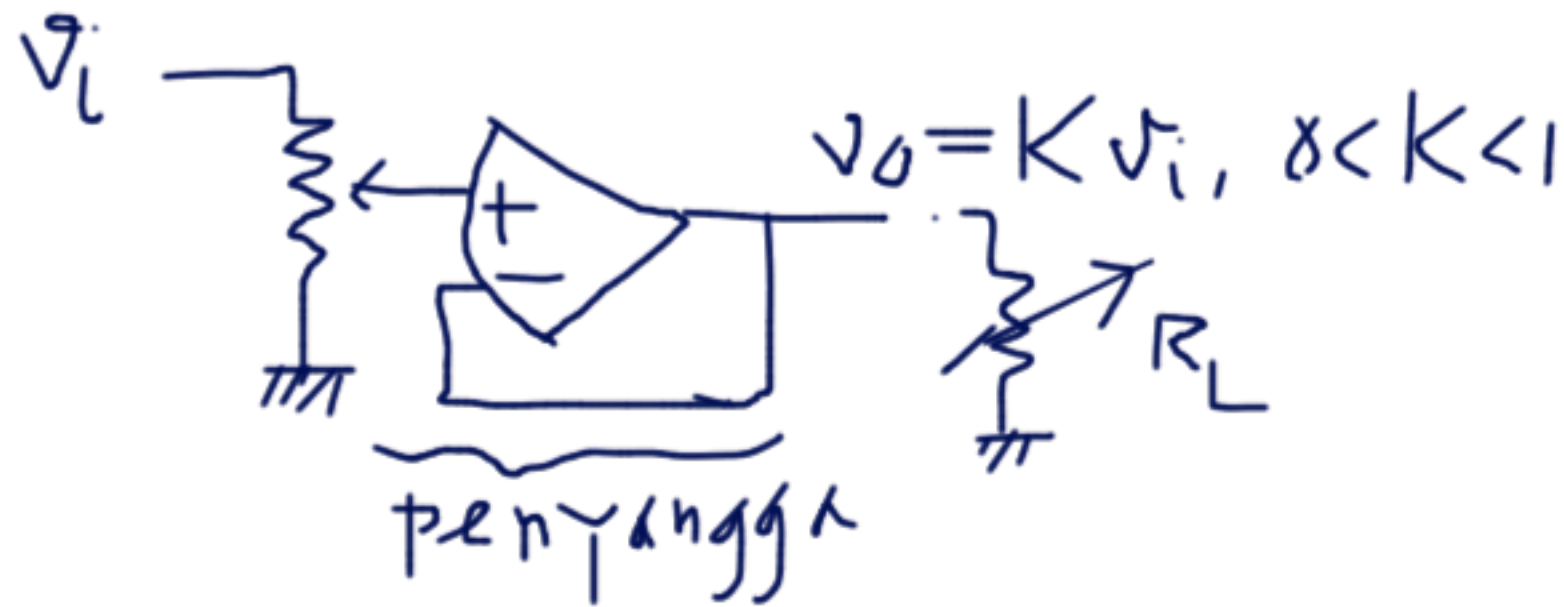
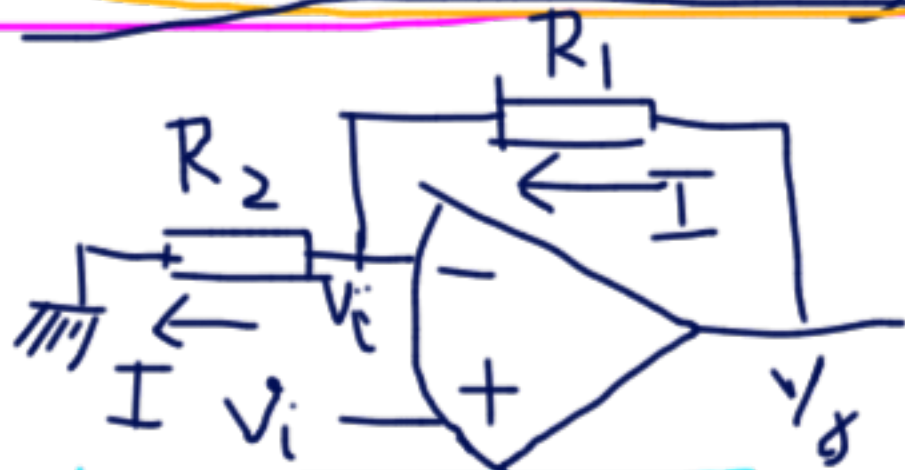


* $0 < K < 1$ Redaman (Attenuator)



* $K > 1$ Penguat Tak Membalik (Non-Inverting Amp)



$$I = \frac{V_o - V_i}{R_1} = \frac{V_i - 0}{R_2}$$

$$R_2(V_o - V_i) = R_1 V_i$$

$$R_2 V_o - R_2 V_i = R_1 V_i$$

$$R_2 V_o = (R_2 + R_1) V_i$$

$$V_o = \left(1 + \frac{R_1}{R_2}\right) V_i > V_i$$