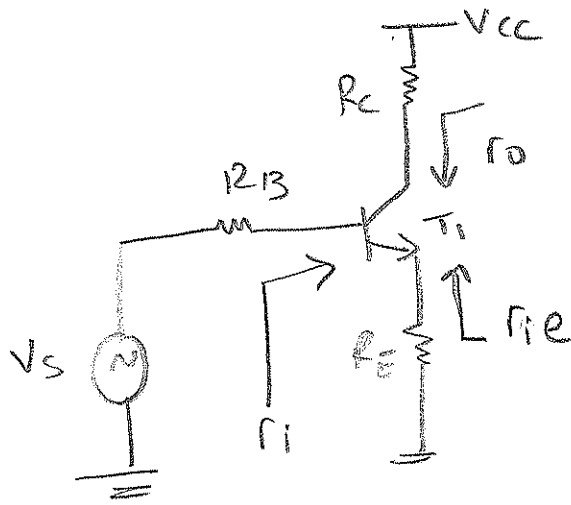


BJT ile Tek Katlı Kuvvetlendirici



$$r_e = \frac{V_T}{I_C}$$

$$\frac{v_c}{v_b} = -\frac{R_C}{r_e + R_E}$$

$$\frac{v_c}{v_e} = \frac{R_C}{r_e + \frac{R_B}{\beta}}, \quad \frac{v_e}{v_b} = \frac{R_E}{r_e + R_E}$$

$$r_i = \beta(r_e + R_E) \quad r_{ie} = r_e + \frac{R_B}{\beta}, \quad r_o = \infty$$