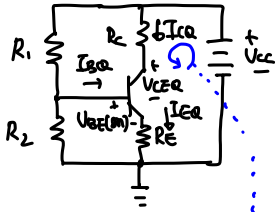
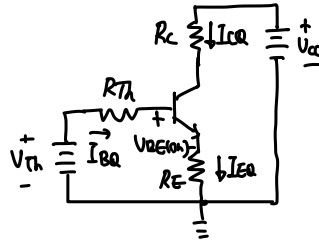


NPN형 BJT의 재 바이어스를 갖는 공동 이마터 증폭기



등가회로



$$V_{TH} = R_{TH} I_{BQ} + V_{BE(on)} + R_E I_{EQ}$$

$$\text{KVL} : -V_{CC} + R_C I_{CQ} + V_{CEQ} + R_E I_{EQ} = 0$$

$$\Rightarrow V_{CEQ} = V_{CC} - R_C I_{CQ} - R_E I_{EQ}$$