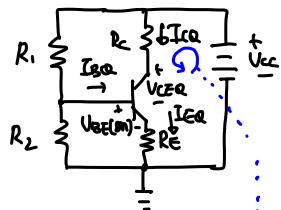
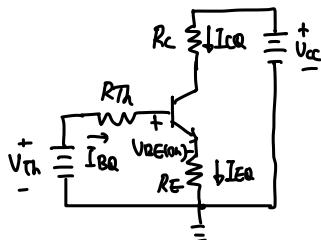


NPN형BJT의 자기반응거울을 갖는 공통이미터 증폭기



등가회로



$$V_{Th} = R_{Th} I_{BQ} + V_{BE(on)}$$

$$+ R_E I_{EQ}$$

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