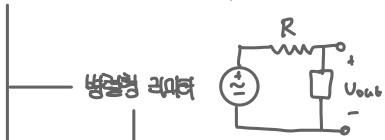

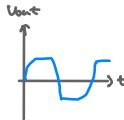
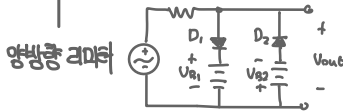


ଆମ୍ଭ : ଧୈର୍ଯ୍ୟ ଗାଢ଼ି ମାଣିବି କୁହ



※ 리미트 :  $\Rightarrow V_{in} \geq V_B + V_r, V_{out} = V_B + V_r$ 제한

음 리파리  $\Rightarrow V_{in} \leq -(V_B + V_r), V_{out} = -(V_B + V_r) \approx \text{제한}$




		D ₁	D ₂
• $V_{in} \geq V_{B1} + V_r \rightarrow V_{out} = V_R + V_r$		드롭	개방
• $V_{in} \leq -(V_{B2} + V_r) \rightarrow V_{out} = -(V_R + V_r)$		개방	드롭
• $ V_{in} \rightarrow V_{out} = V_{in}$			

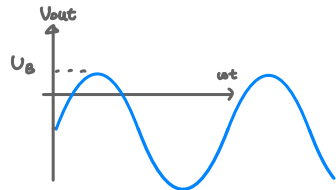
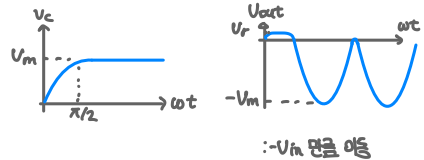
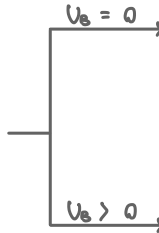
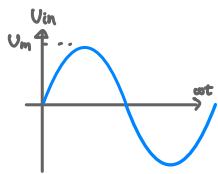
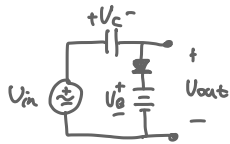


양극성 :  $\Rightarrow V_{in} \geq V_B - V_T, V_{out} = V_B$

$$U_{in} < U_E - U_T, \quad V_{out} = U_{in} + U_T$$

크리미치 →  ⇒ $U_{in} \geq U_B + U_r$, $U_{out} = U_{in} - U_r$
 $U_{in} < U_B + U_r$, $U_{out} = U_B$

클램프 회로 : 신변을 특정 DC 전압만큼 미등 (파형 변화 x)



: V_B 판금 클램프