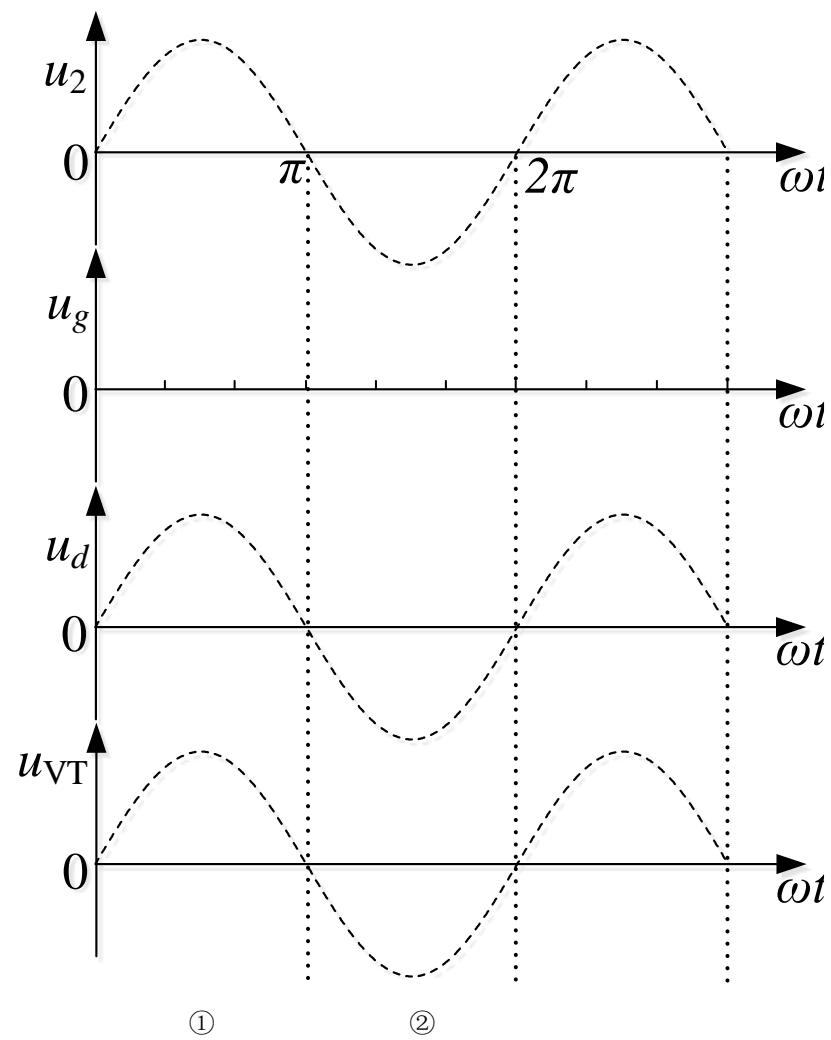
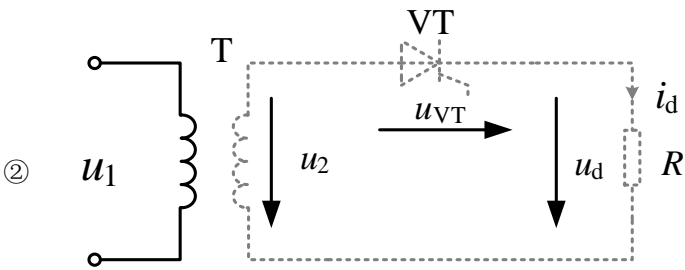
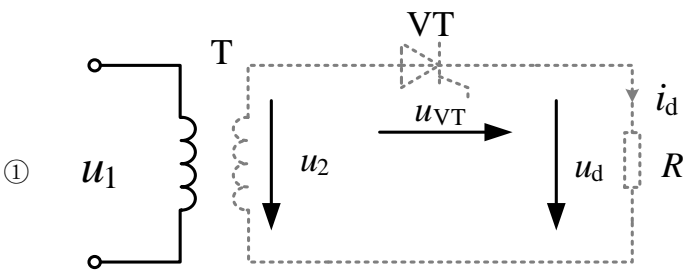
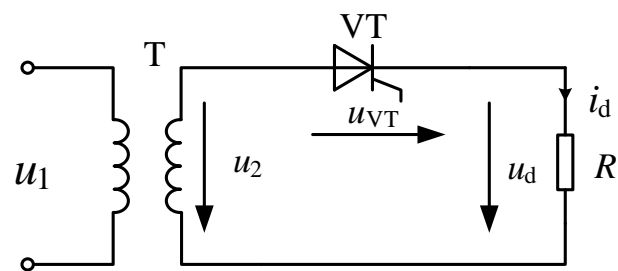
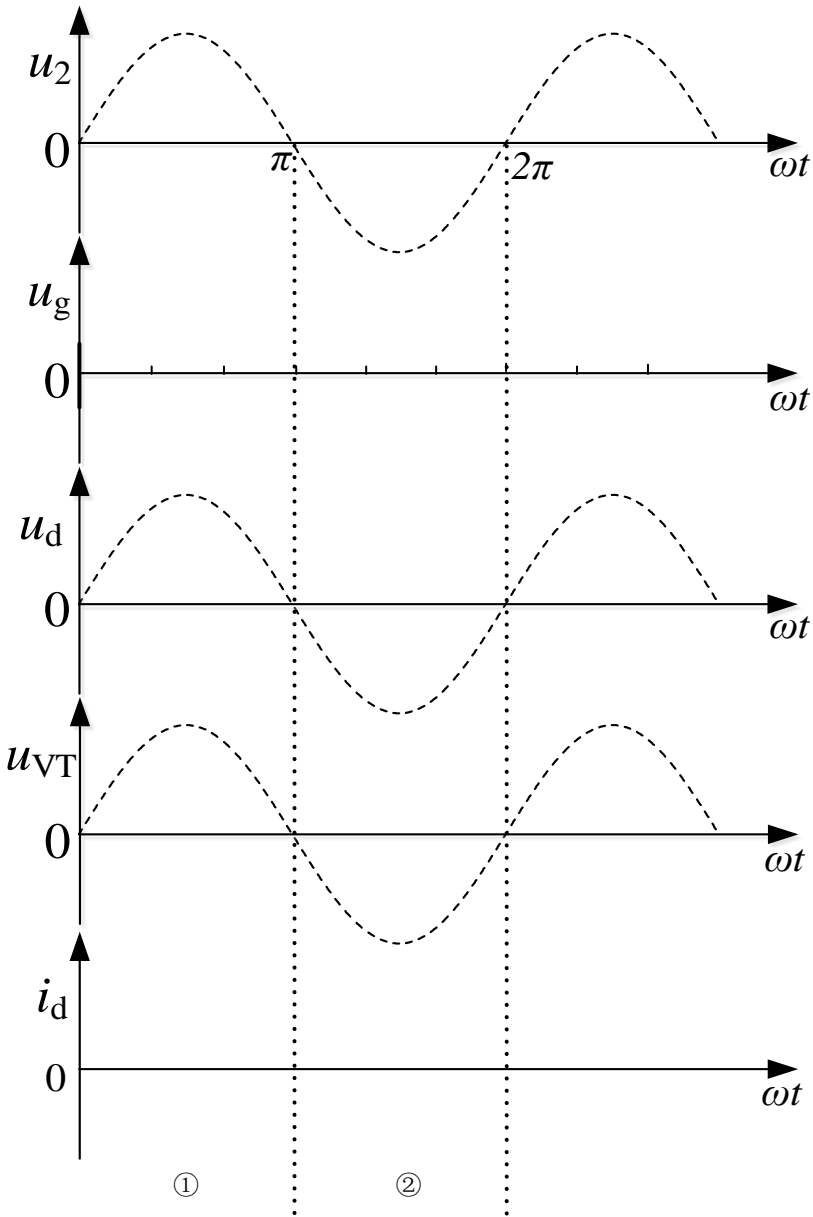
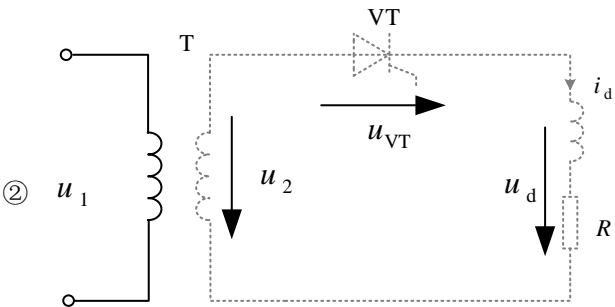
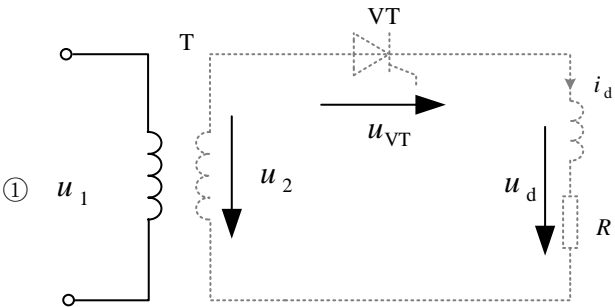
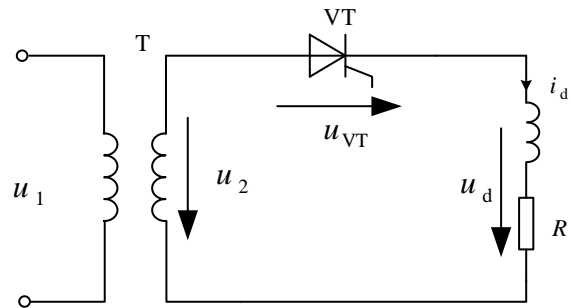


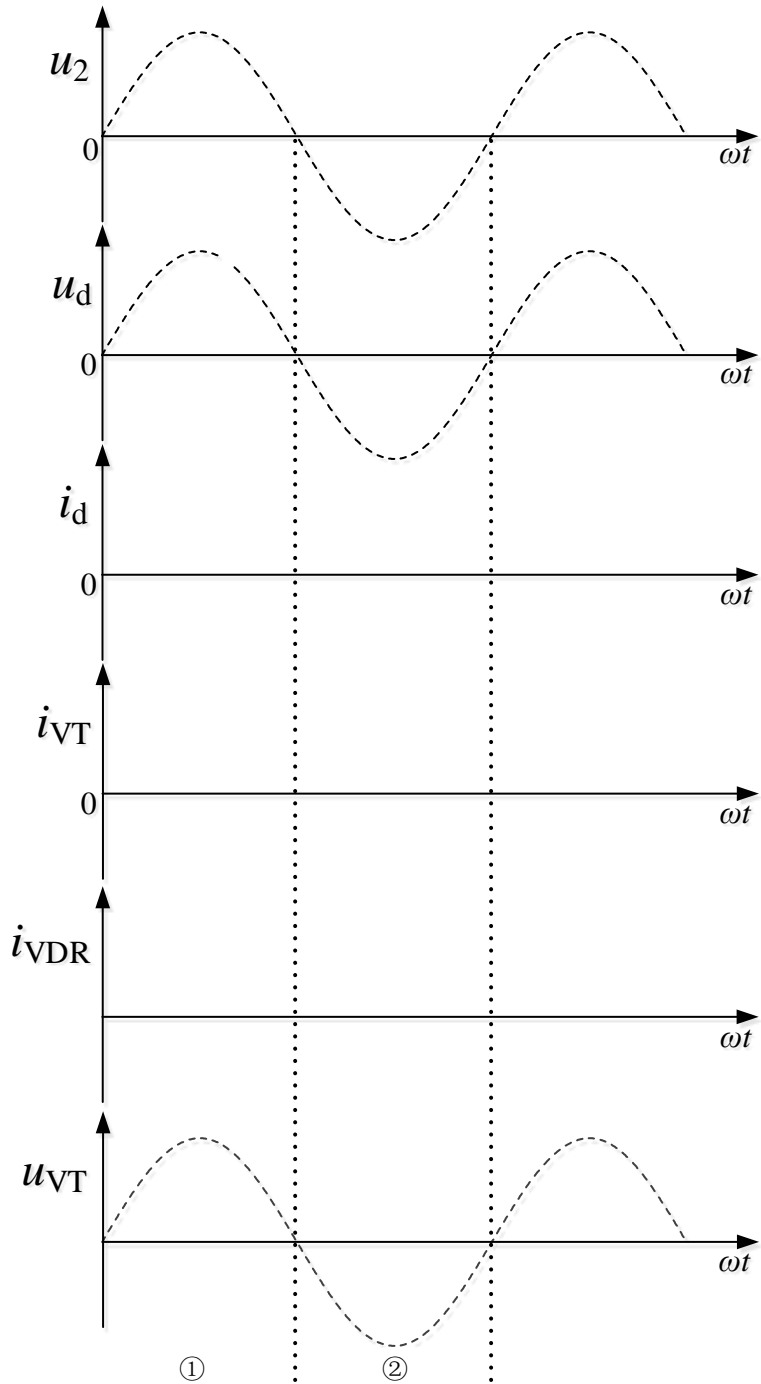
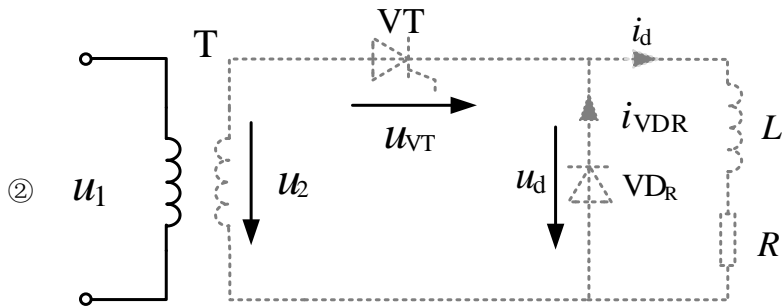
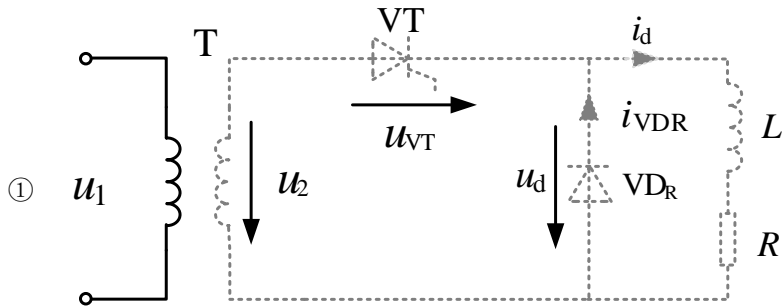
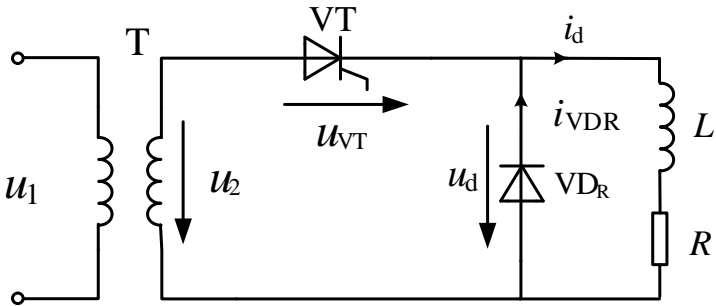
单相半波可控整流电路电阻负载



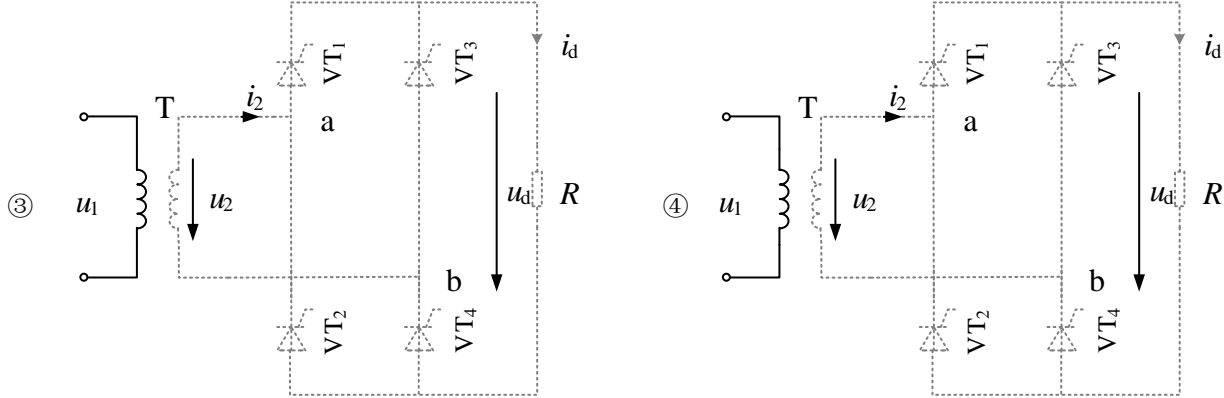
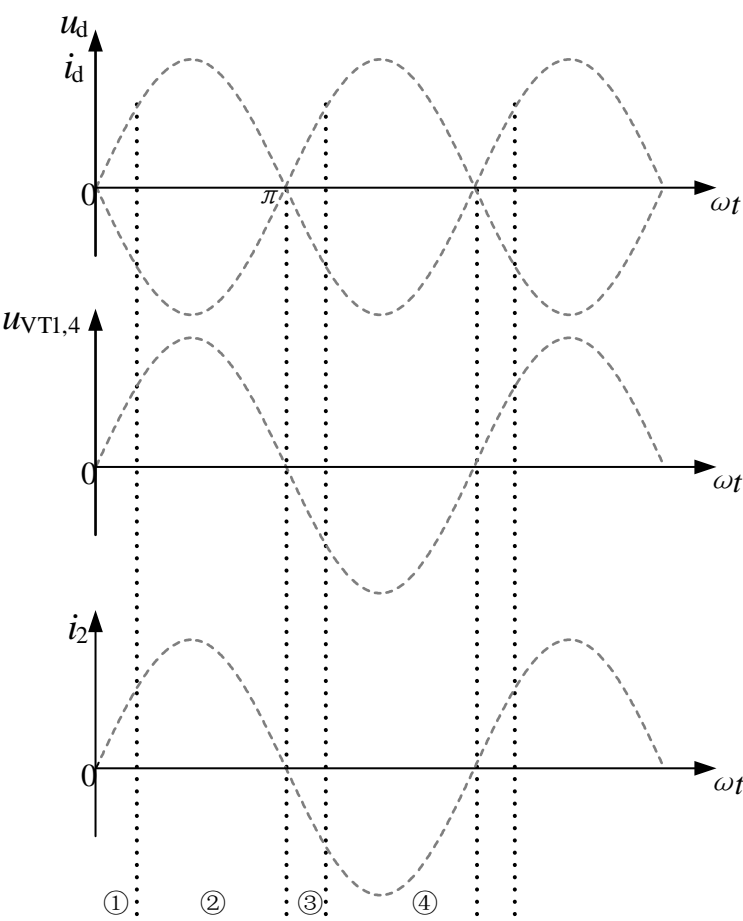
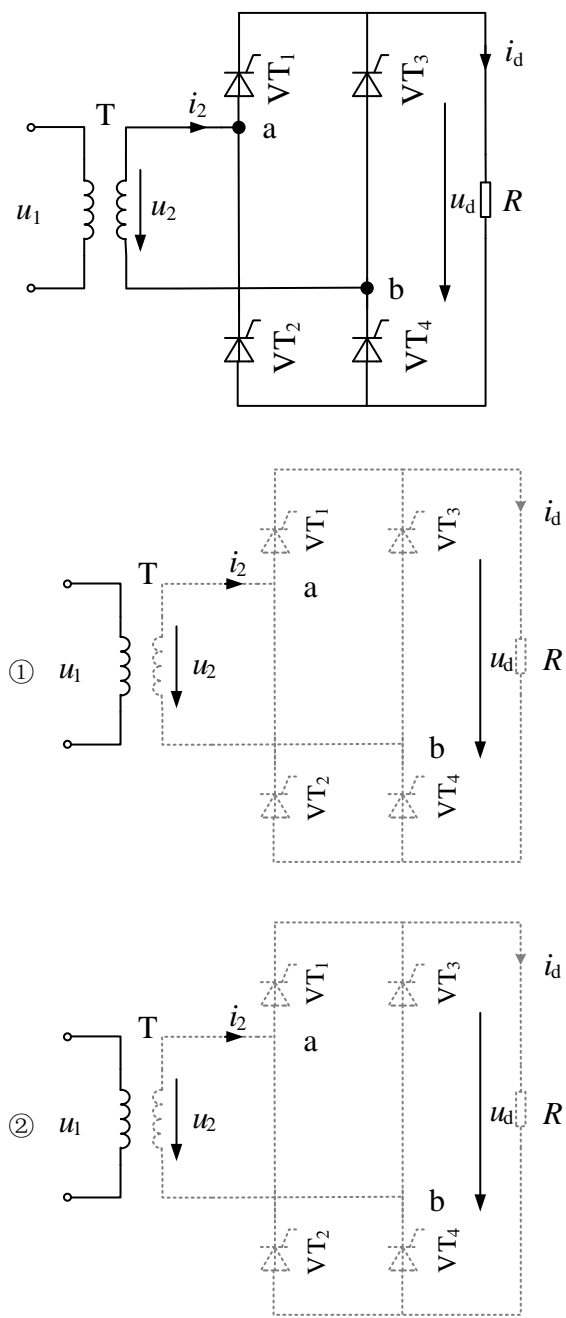
单相半波可控整流电路阻感负载



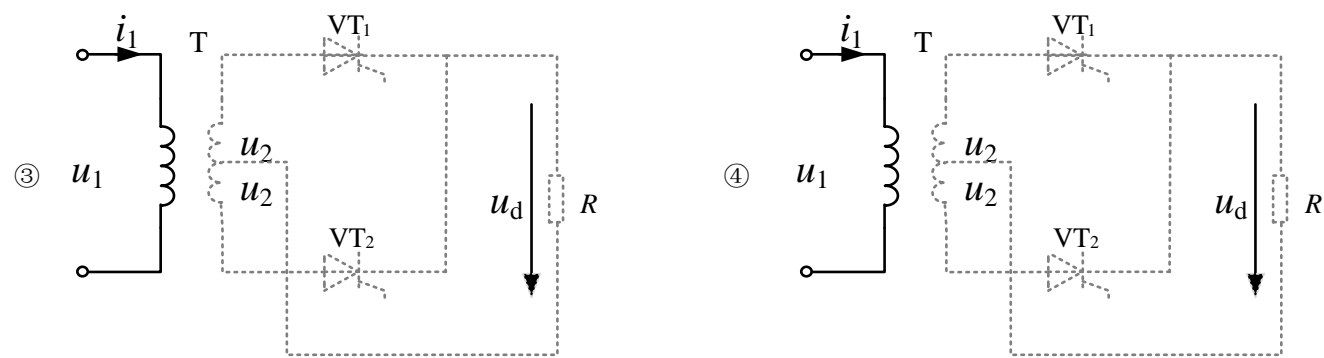
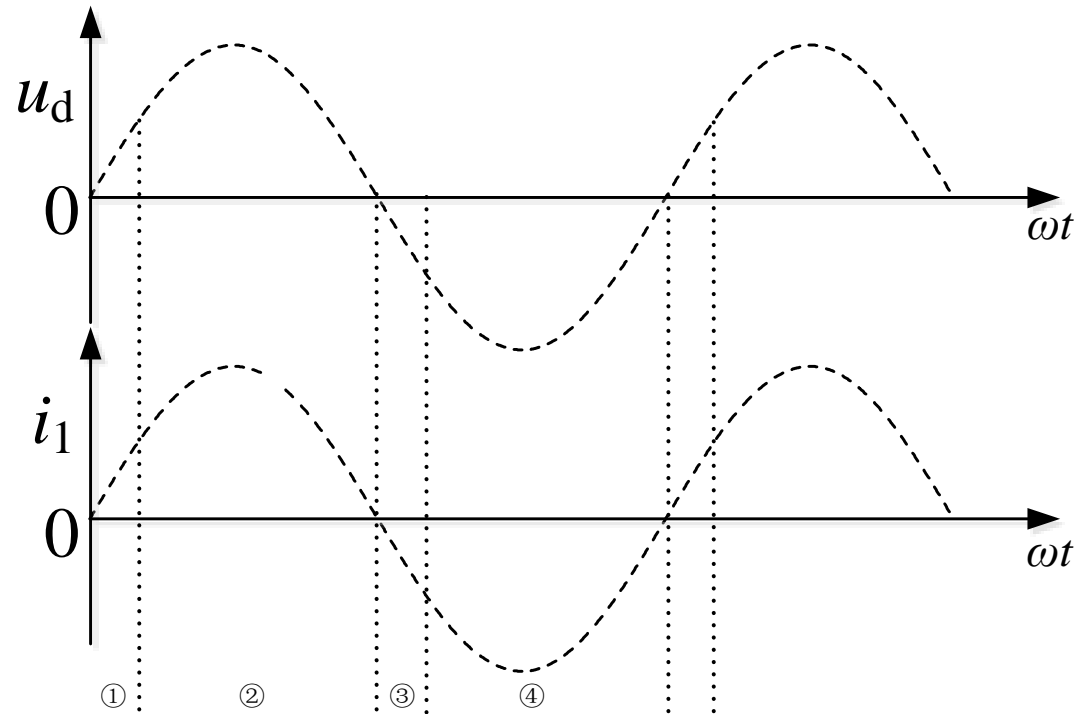
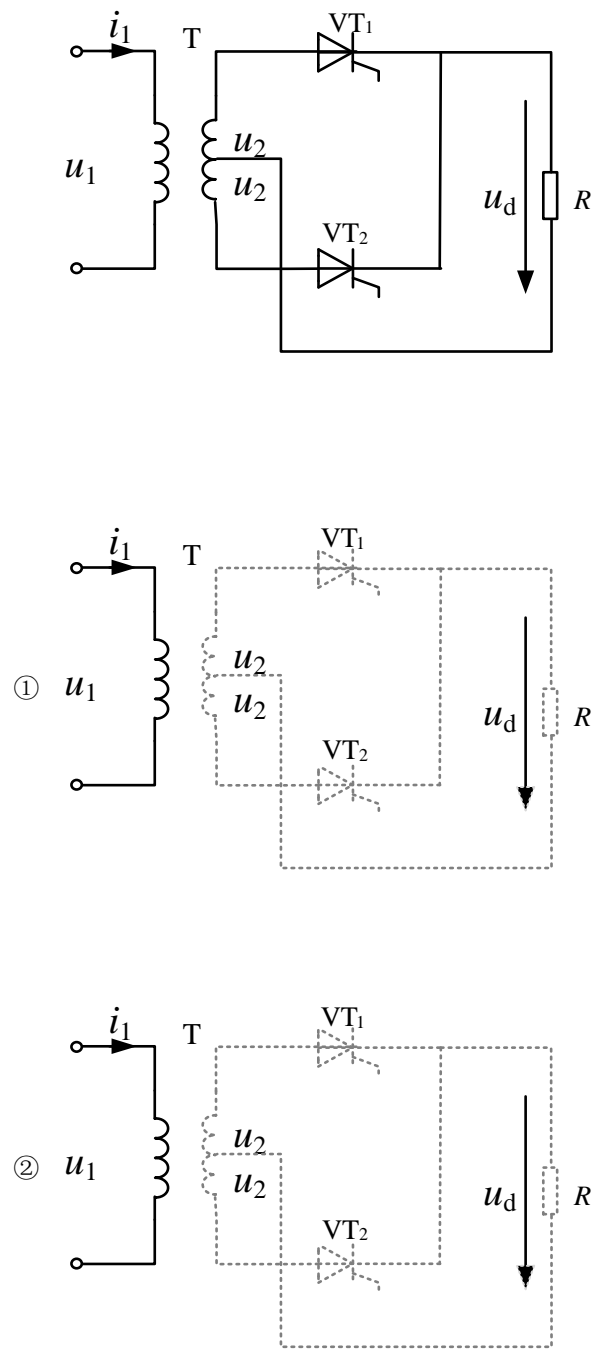
单相半波可控整流电路阻感负载有续流二极管



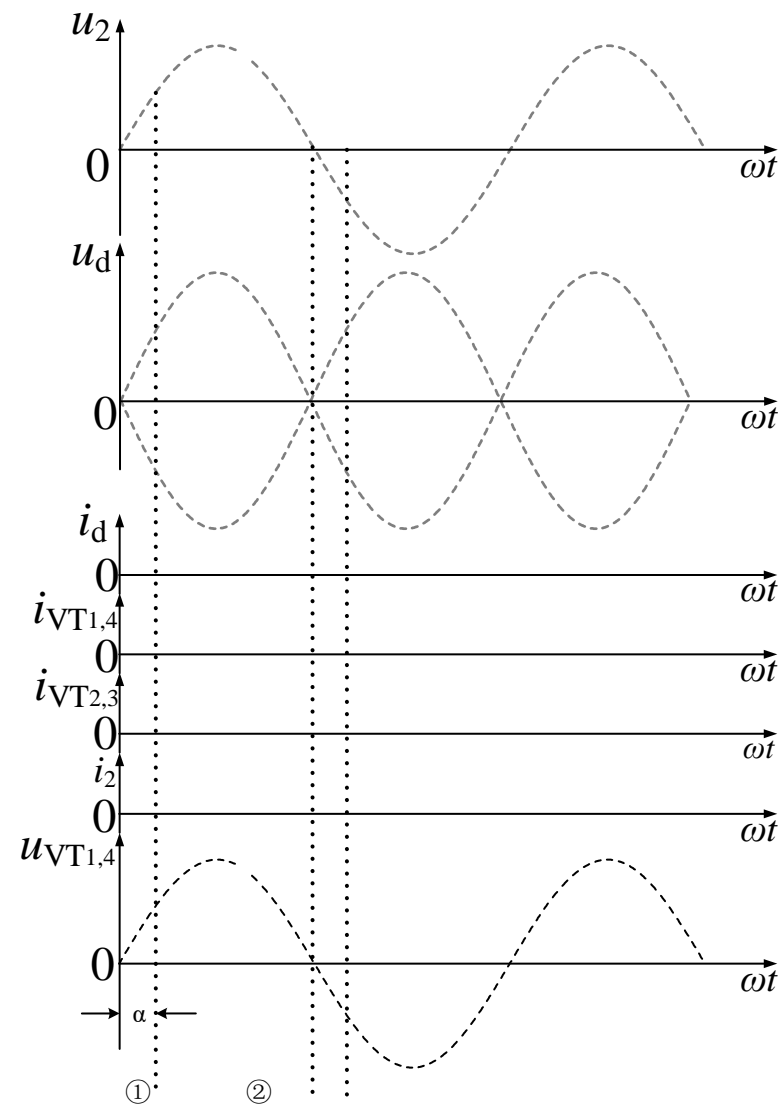
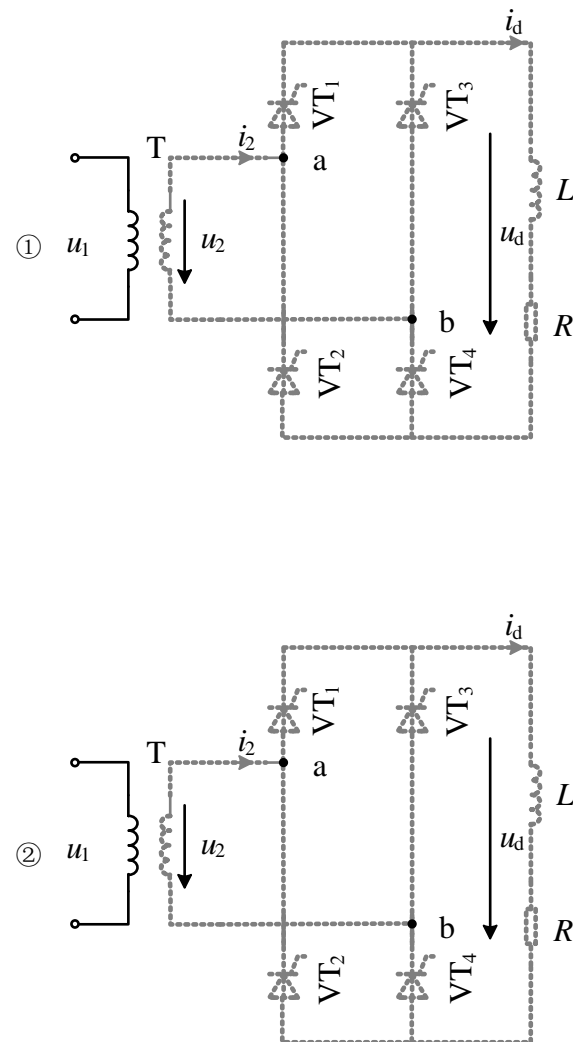
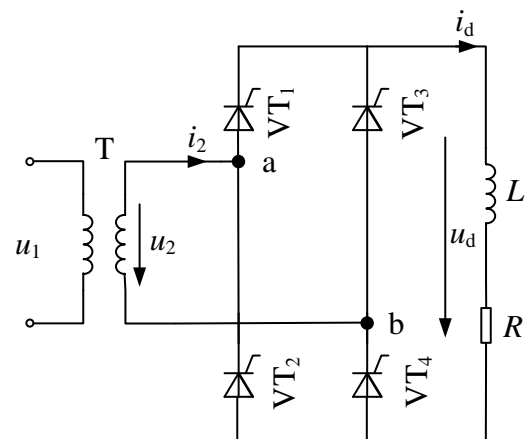
单相桥式全控整流电路电阻负载



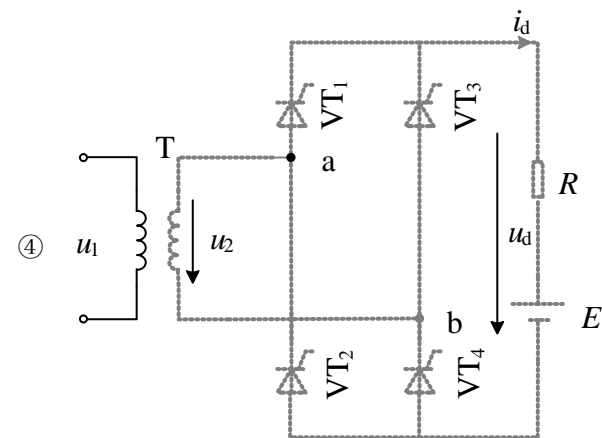
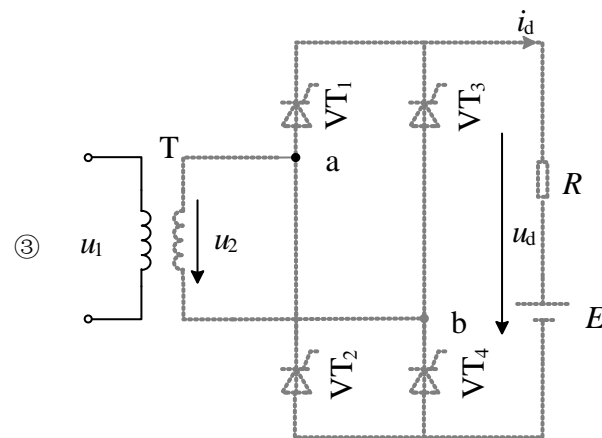
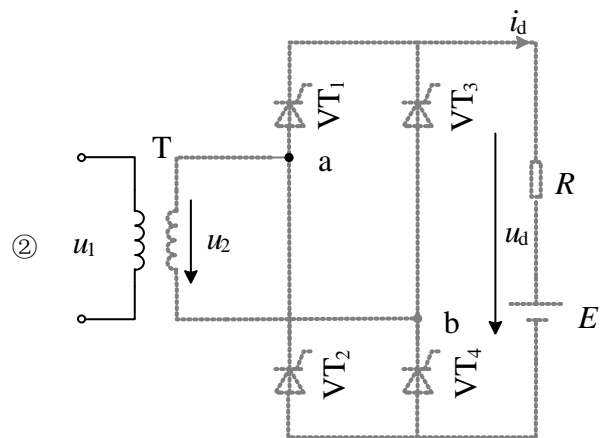
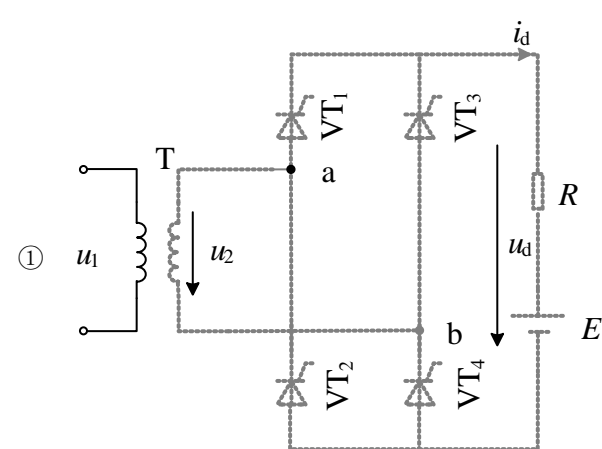
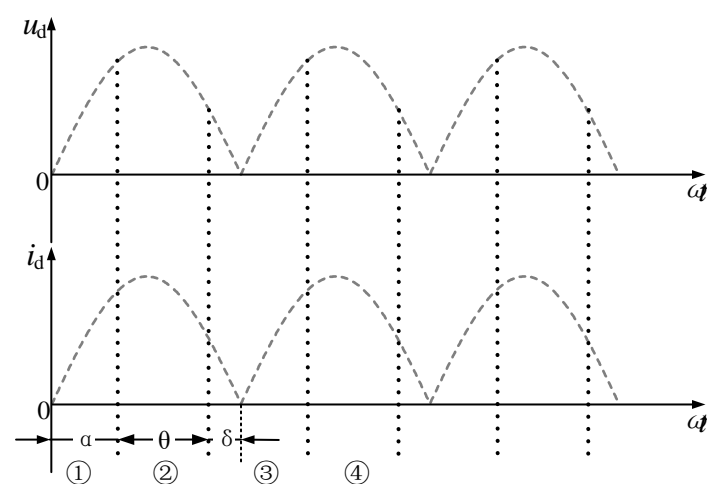
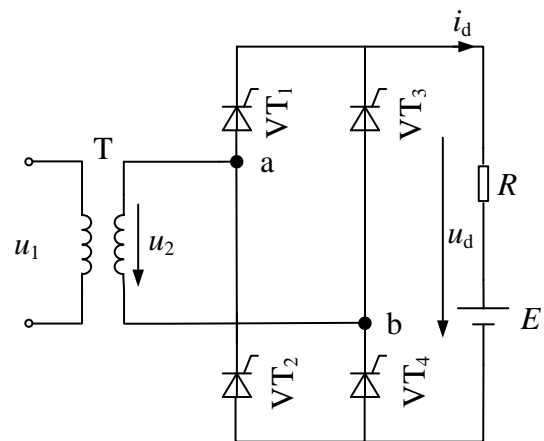
单相全波可控整流电路



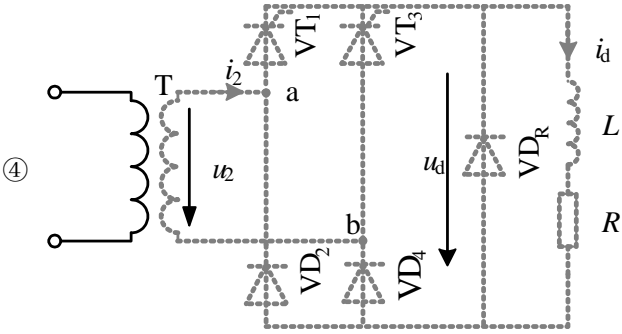
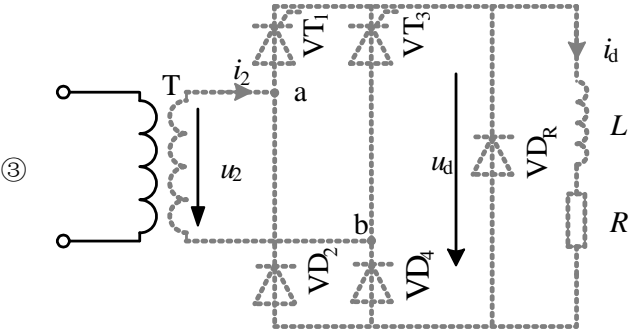
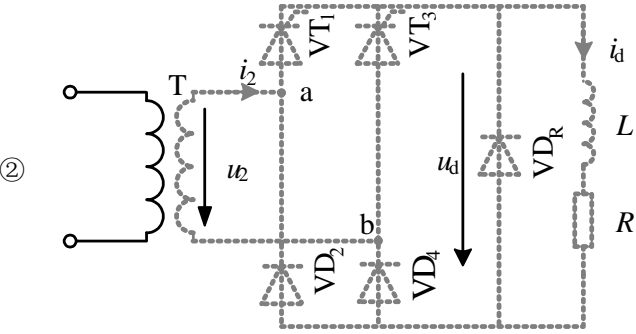
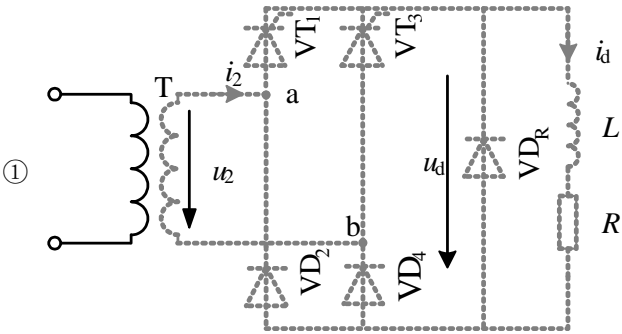
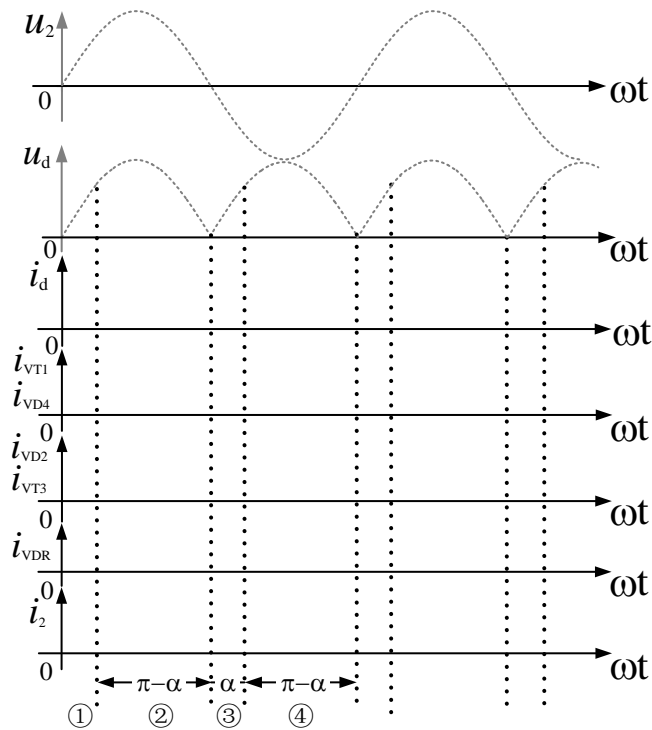
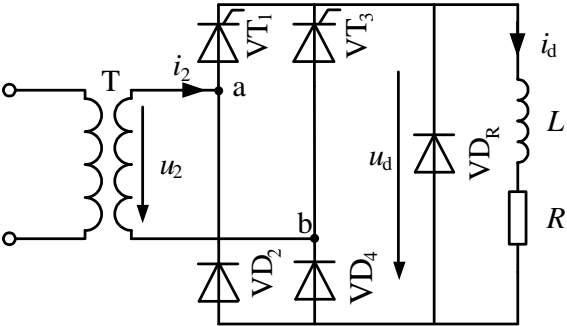
单相桥式全控整流电路（阻感负载）



单相桥式全控整流电路（反电动势负载）

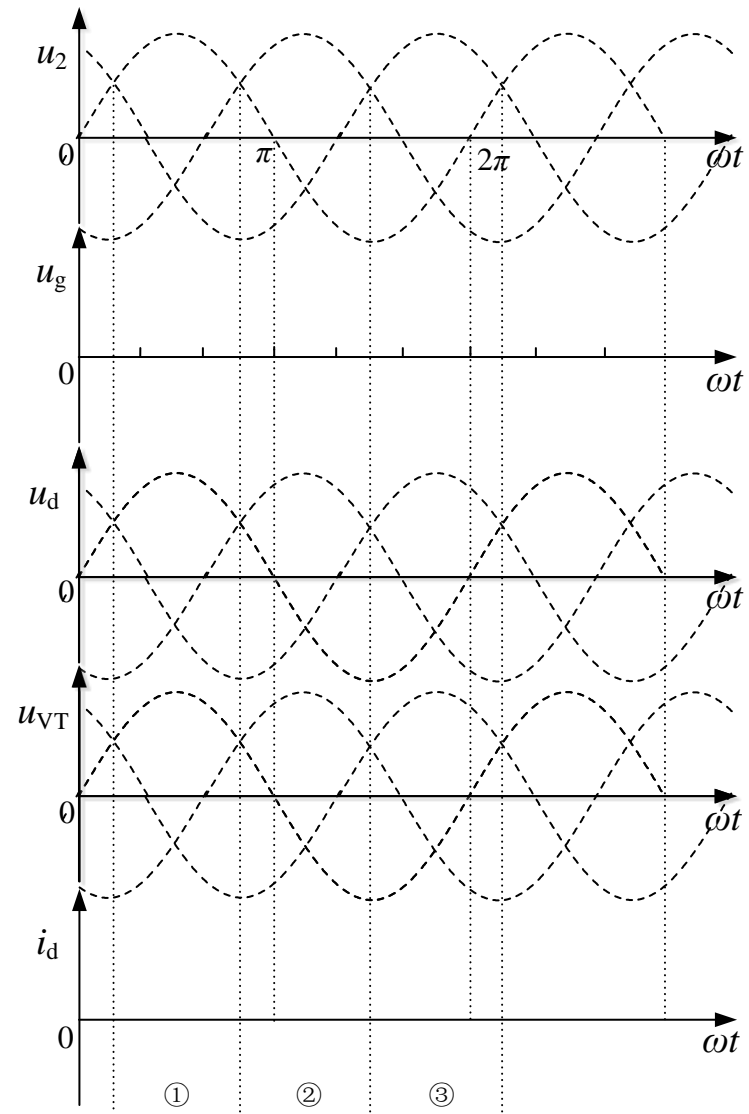
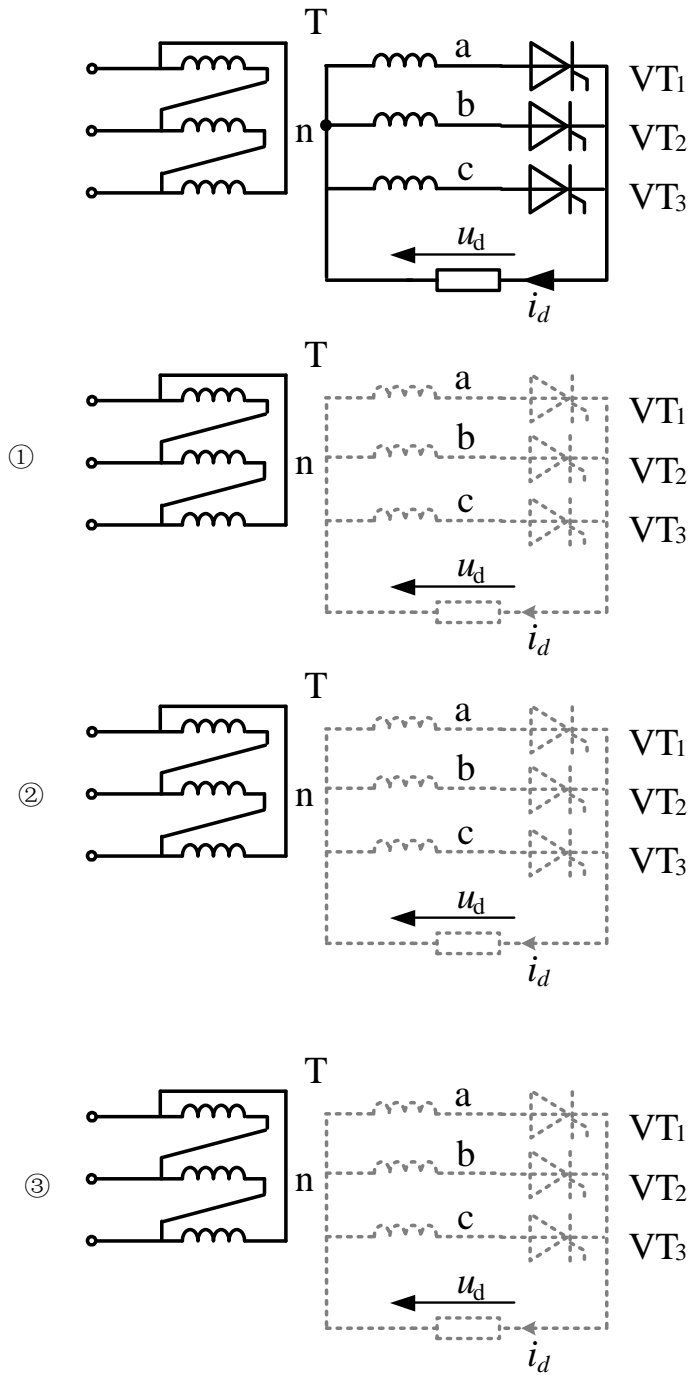


单相桥式半控整流电路

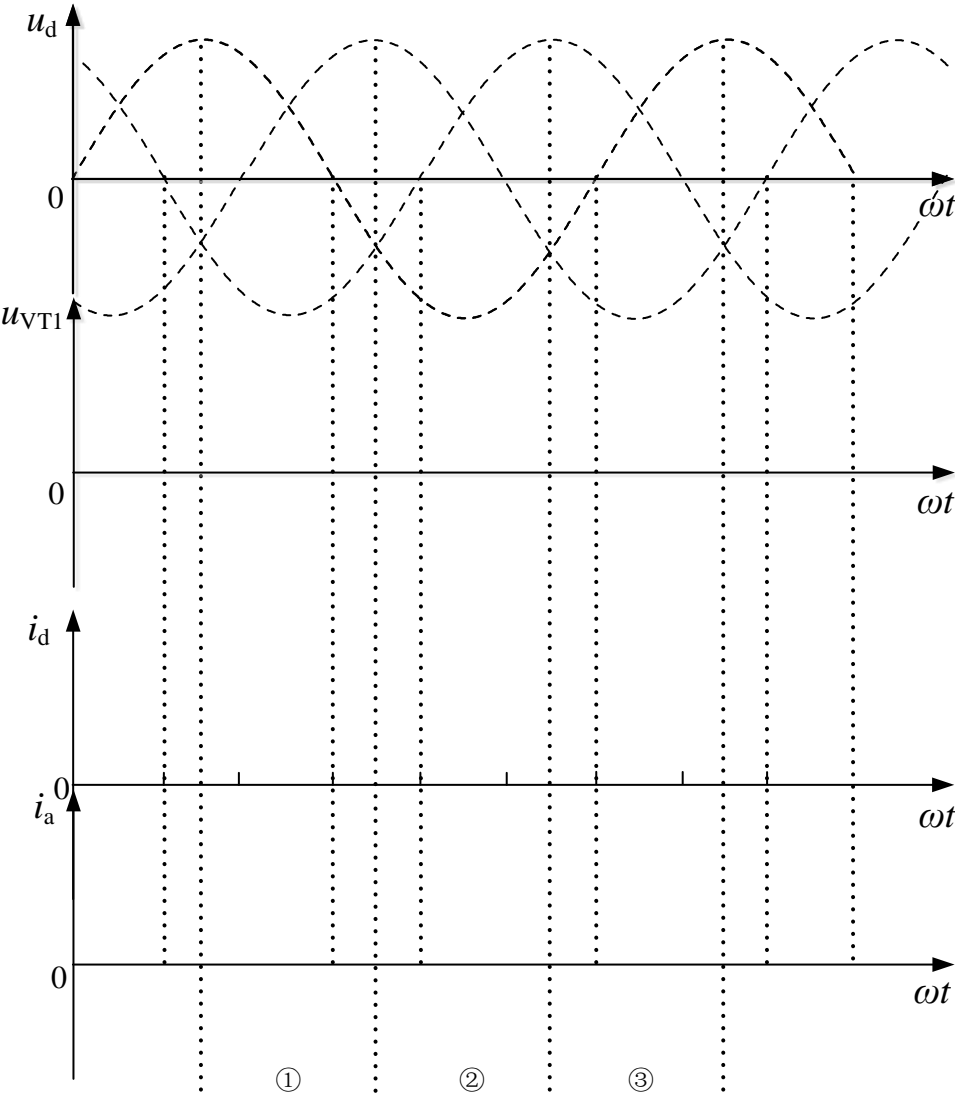
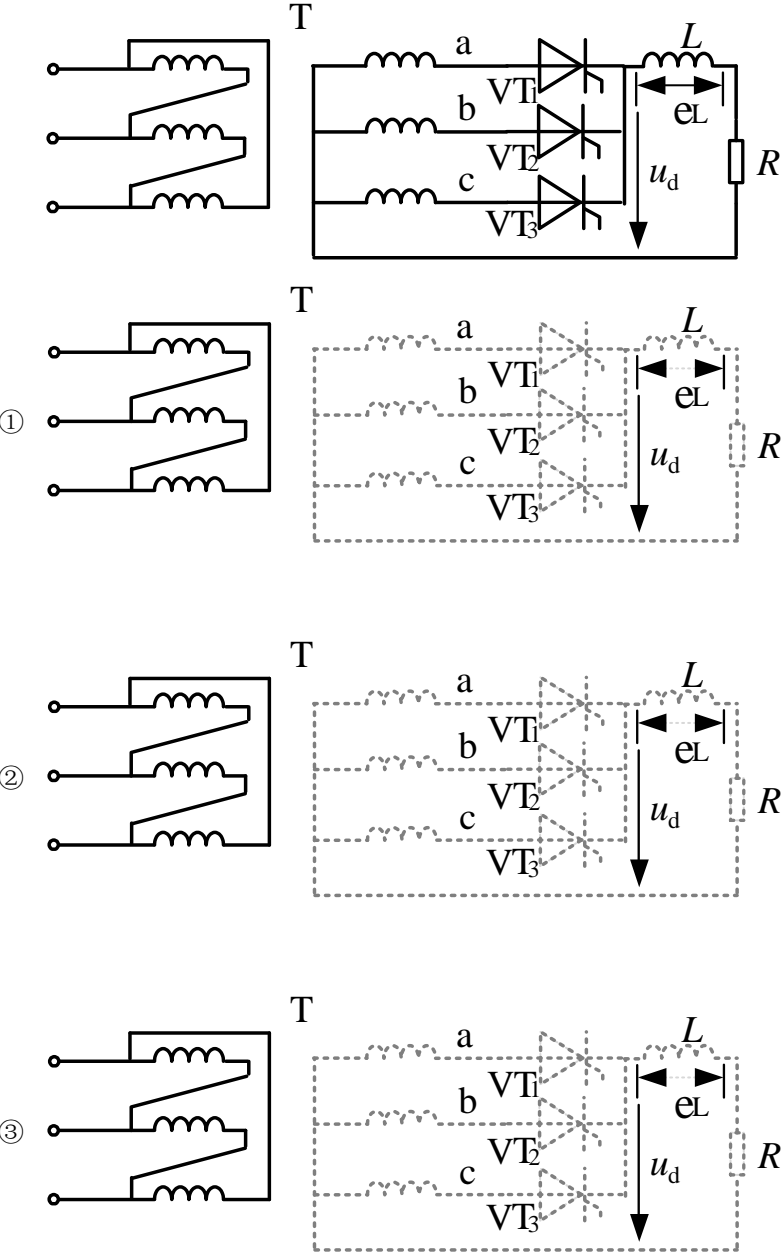


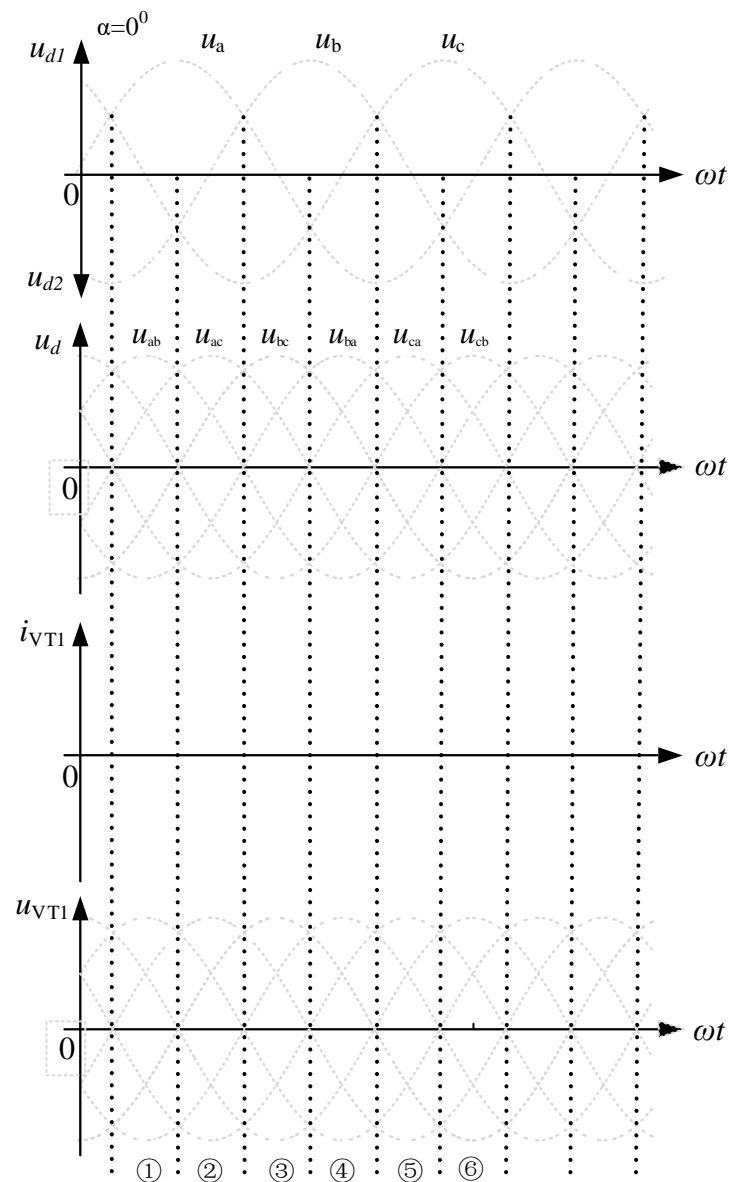
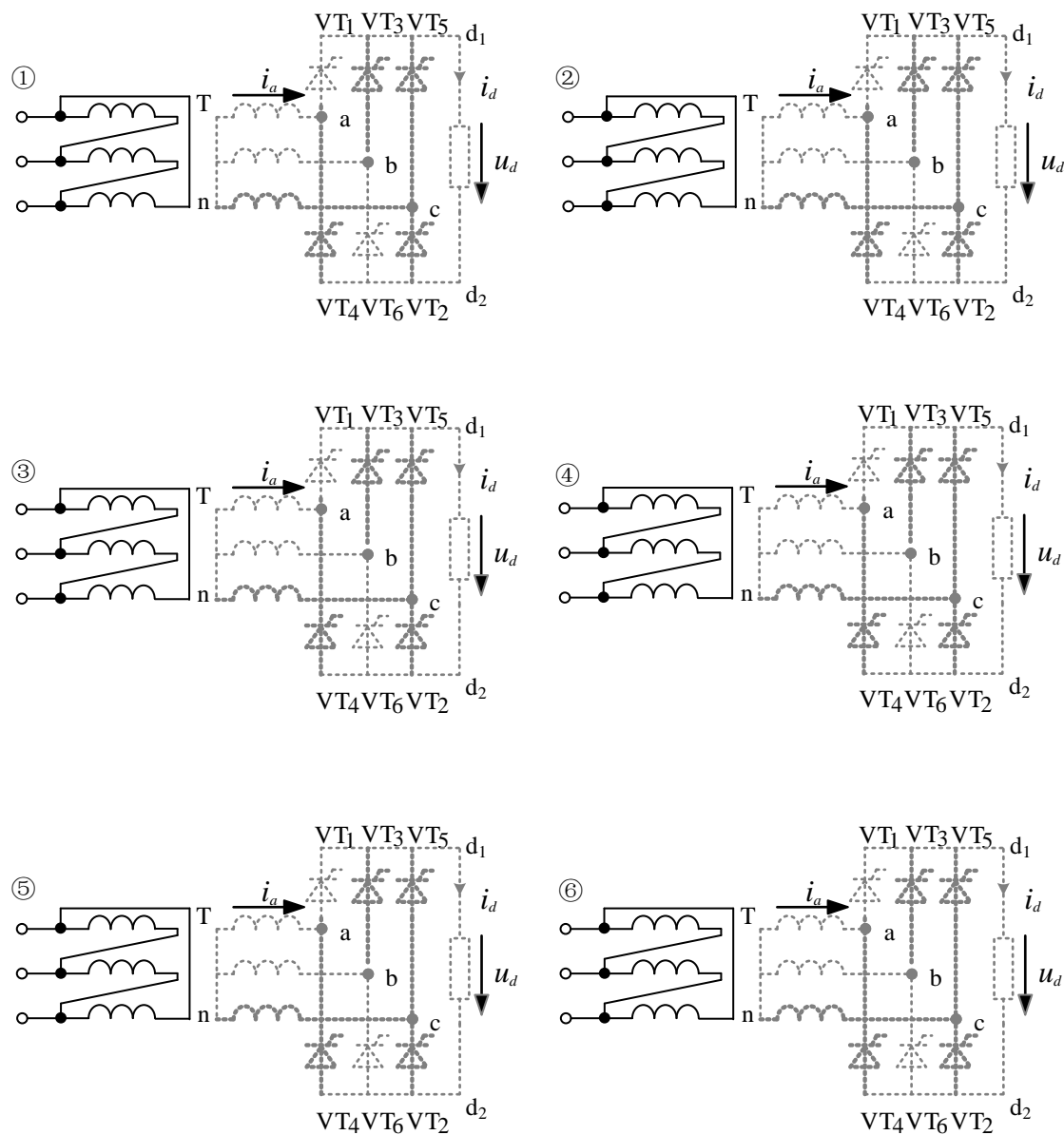


三相半波可控电阻负载

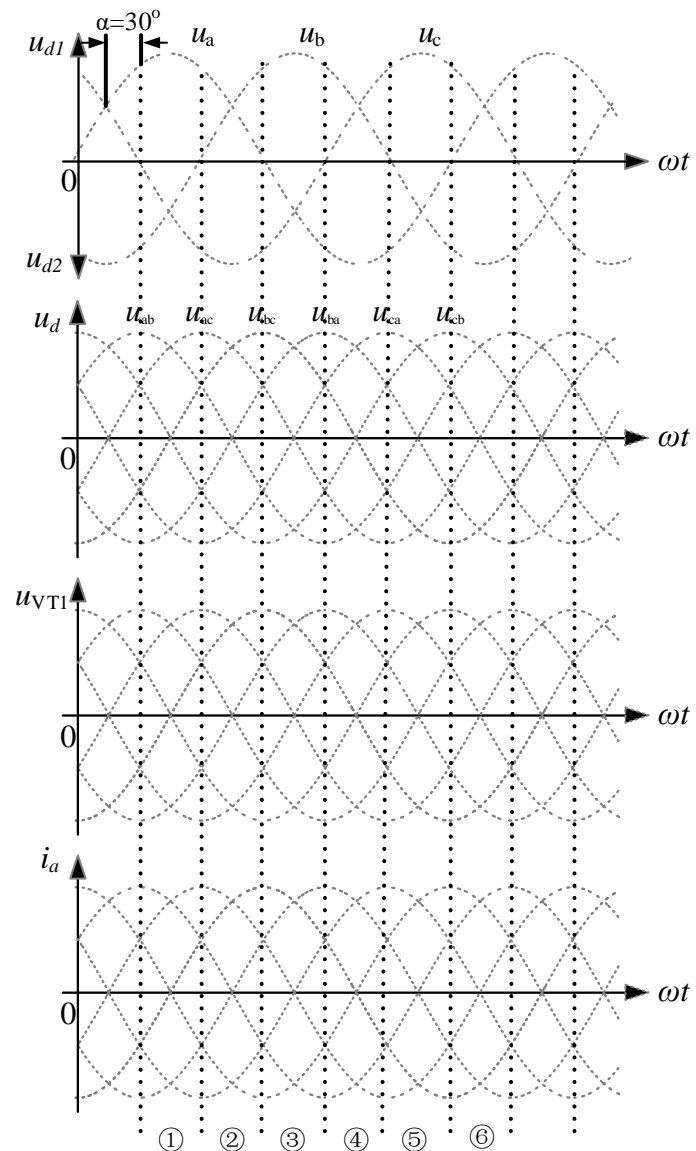
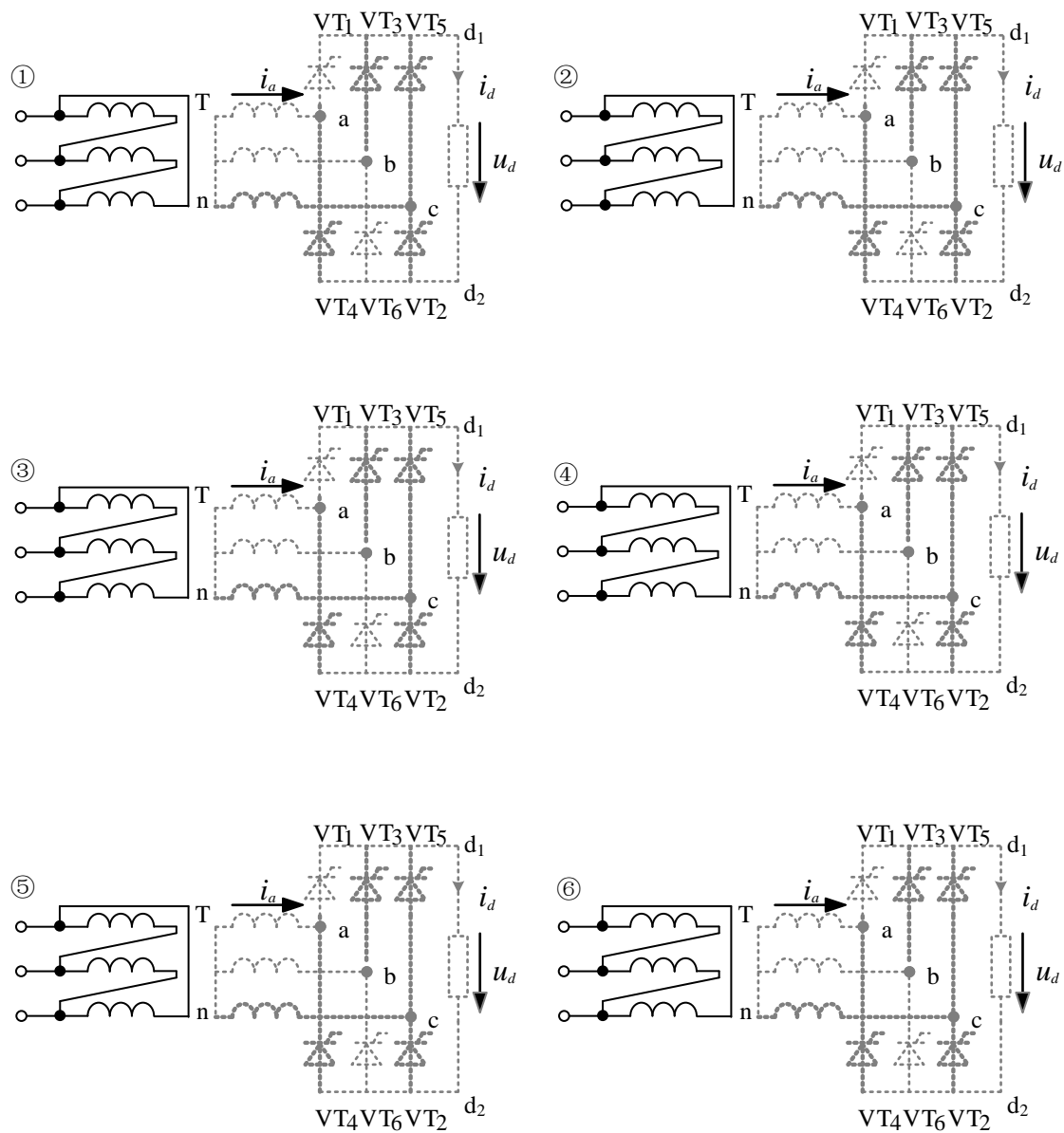


三相半波可控阻感负载

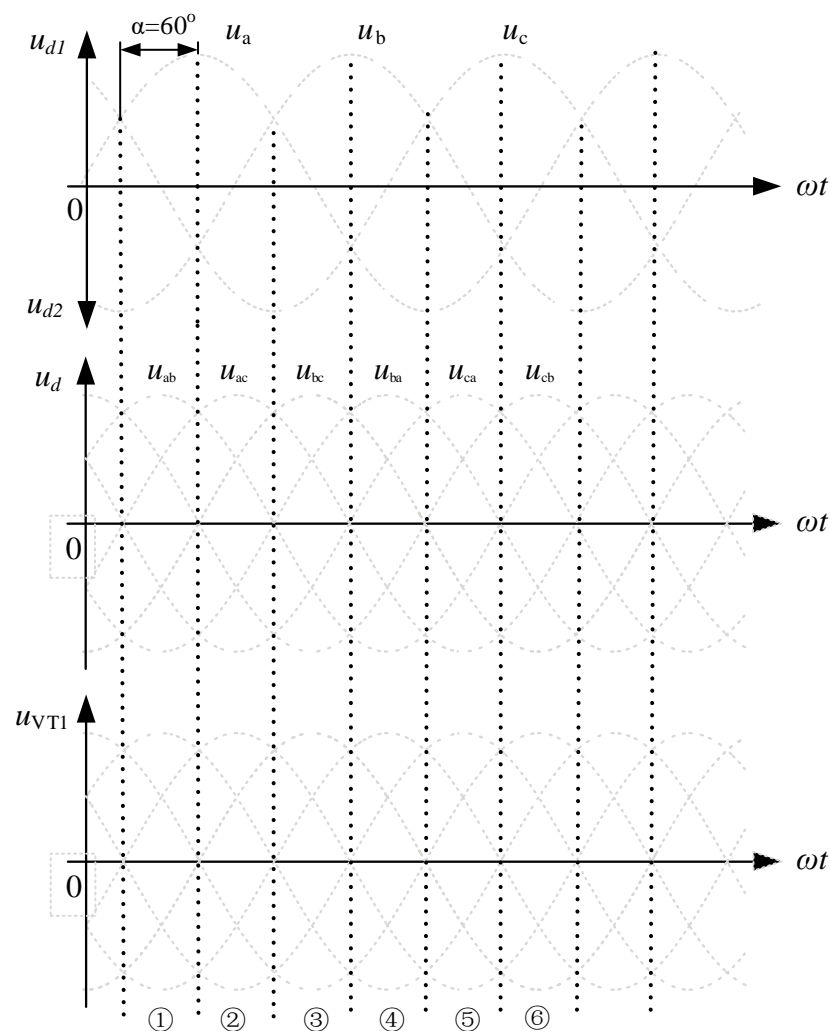
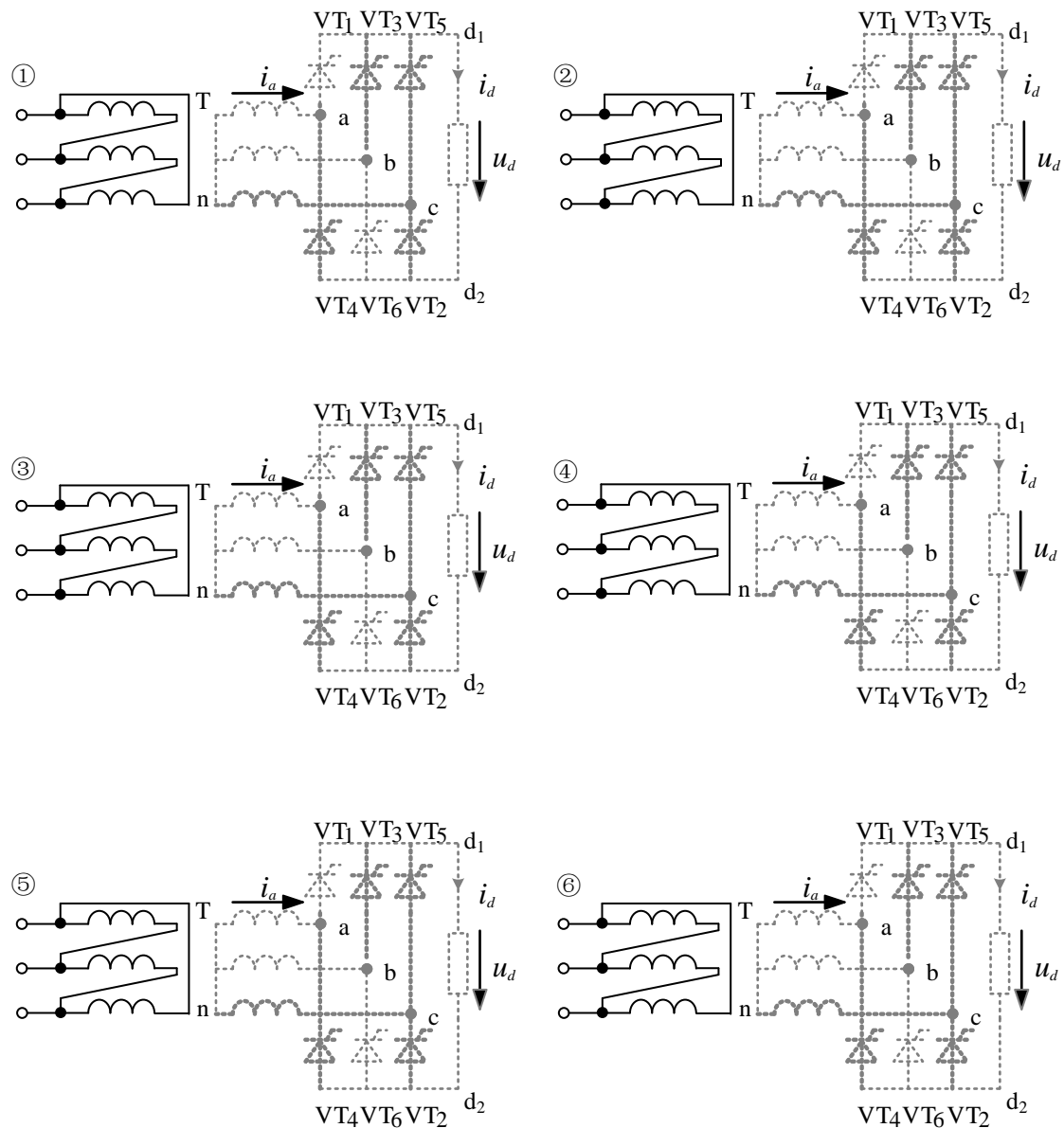




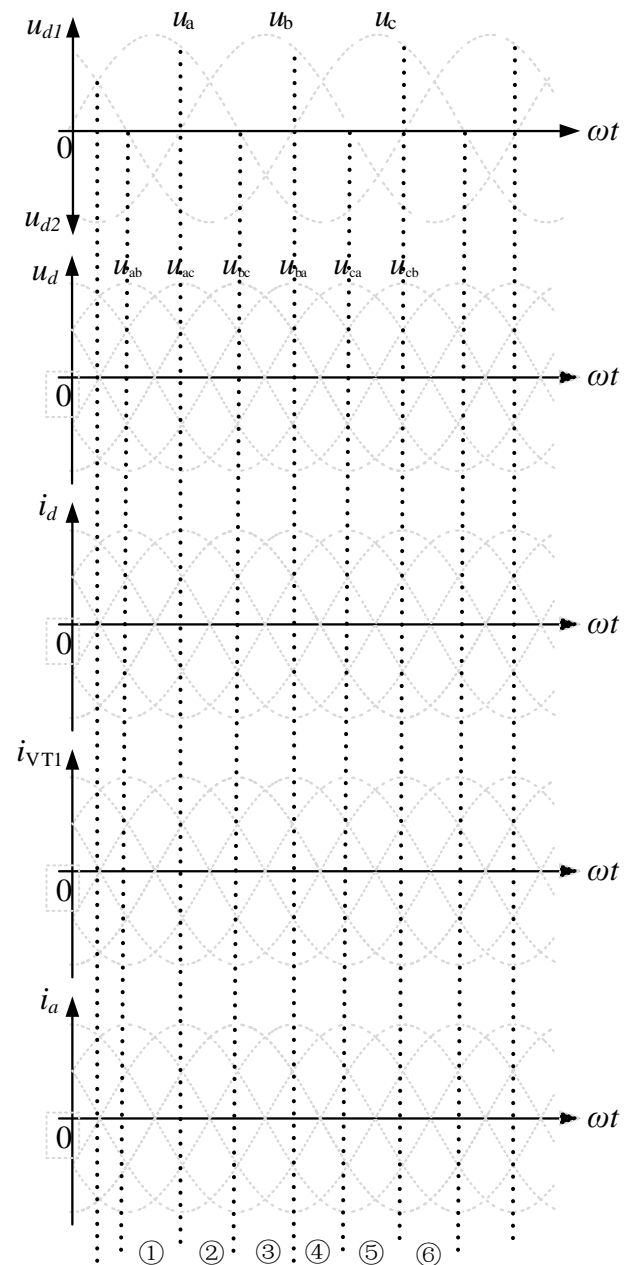
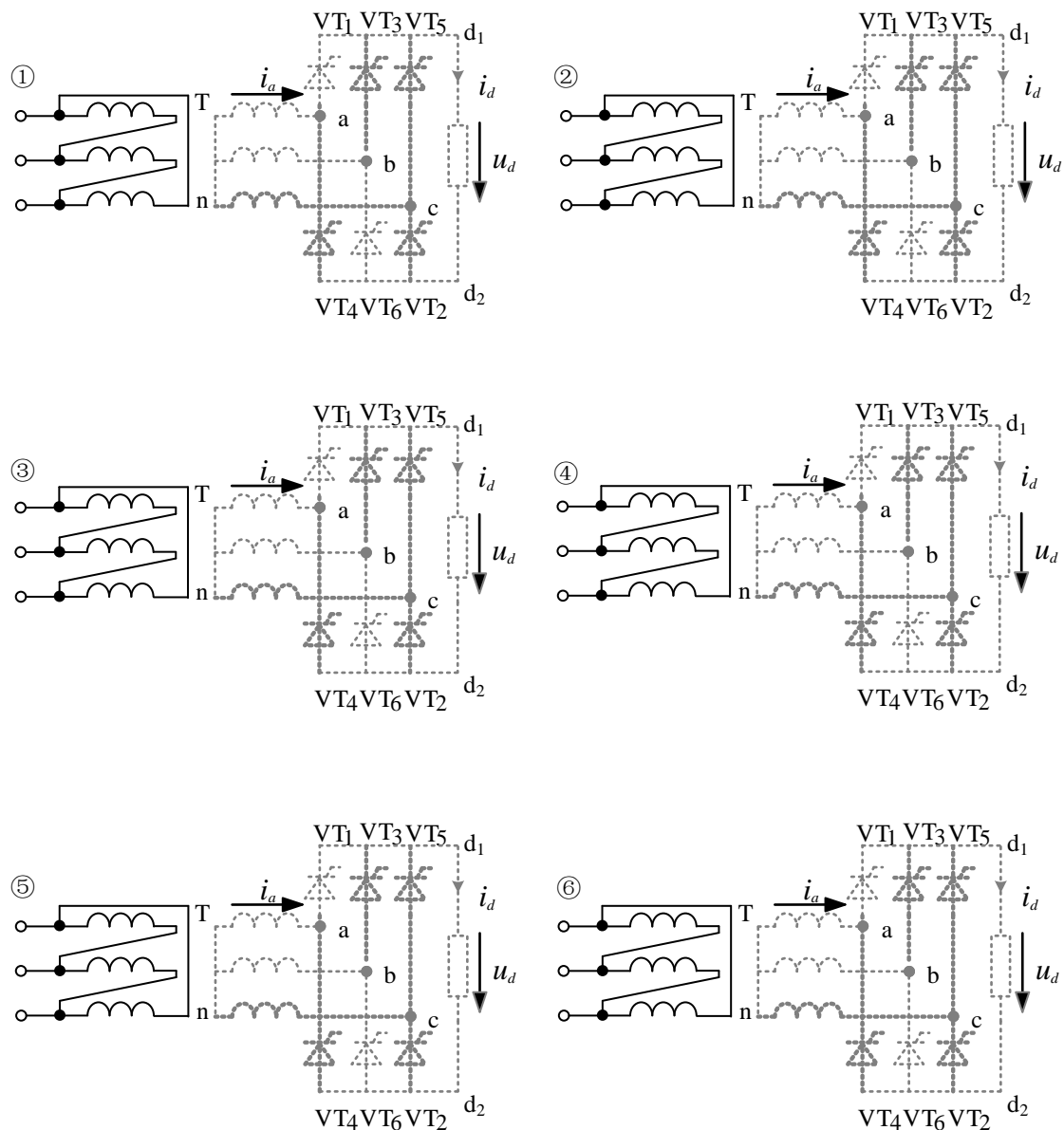
三相桥式全控整流电路带电阻负载  $\alpha=0^\circ$  时的波形



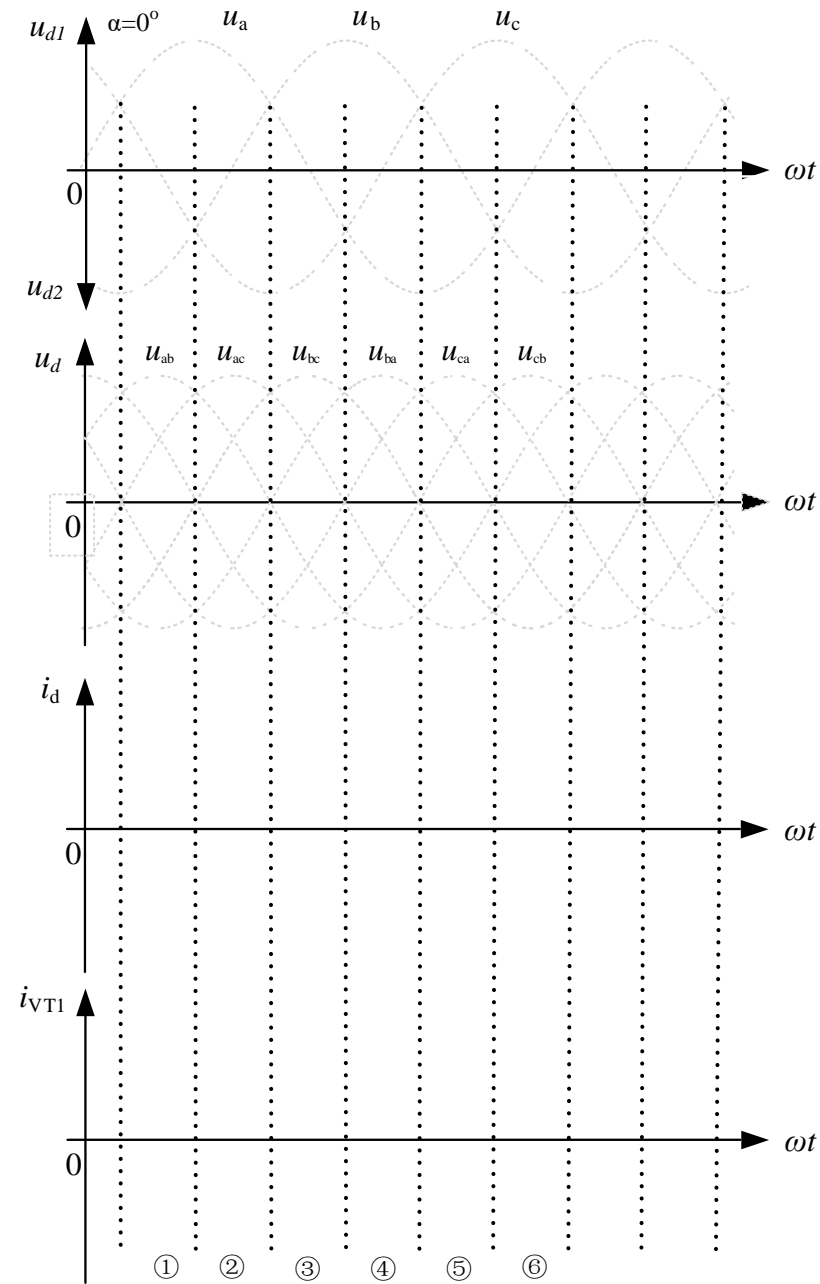
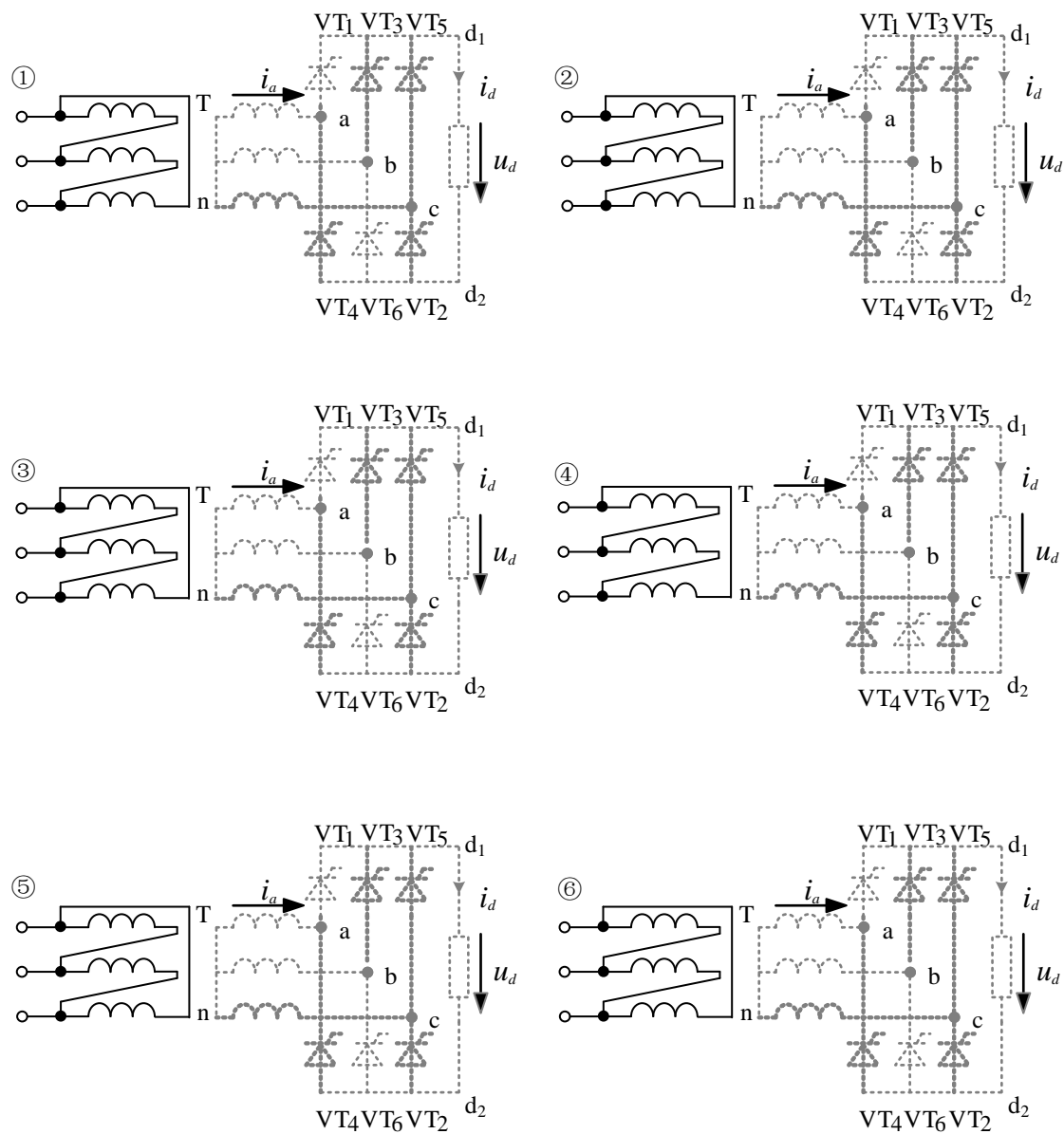
三相桥式全控整流电路带电阻负载 $\alpha=30^\circ$ 时的波形



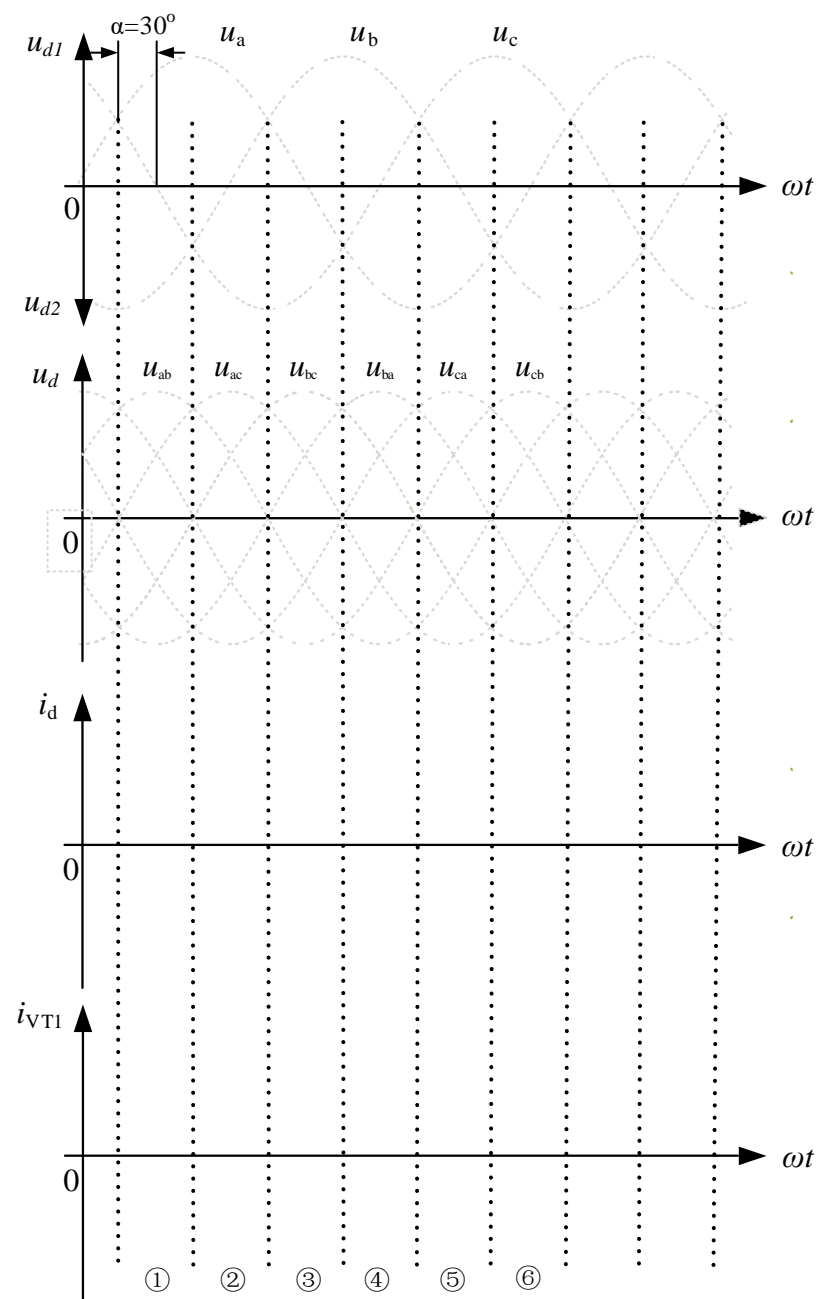
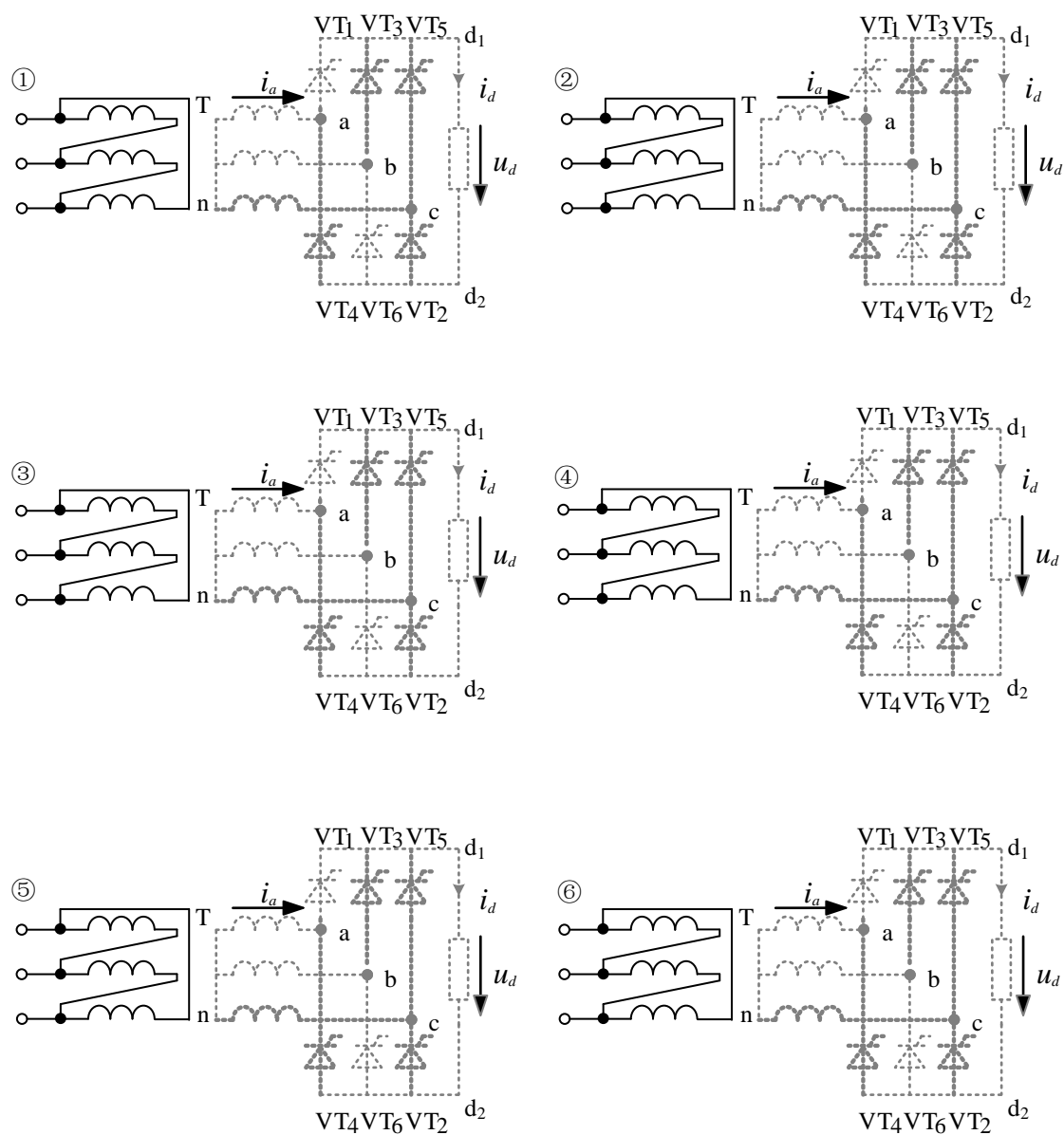
三相桥式全控整流电路带电阻负载 $\alpha=60^\circ$ 时的波形



三相桥式全控整流电路带电阻负载 $\alpha=90^\circ$ 时的波形

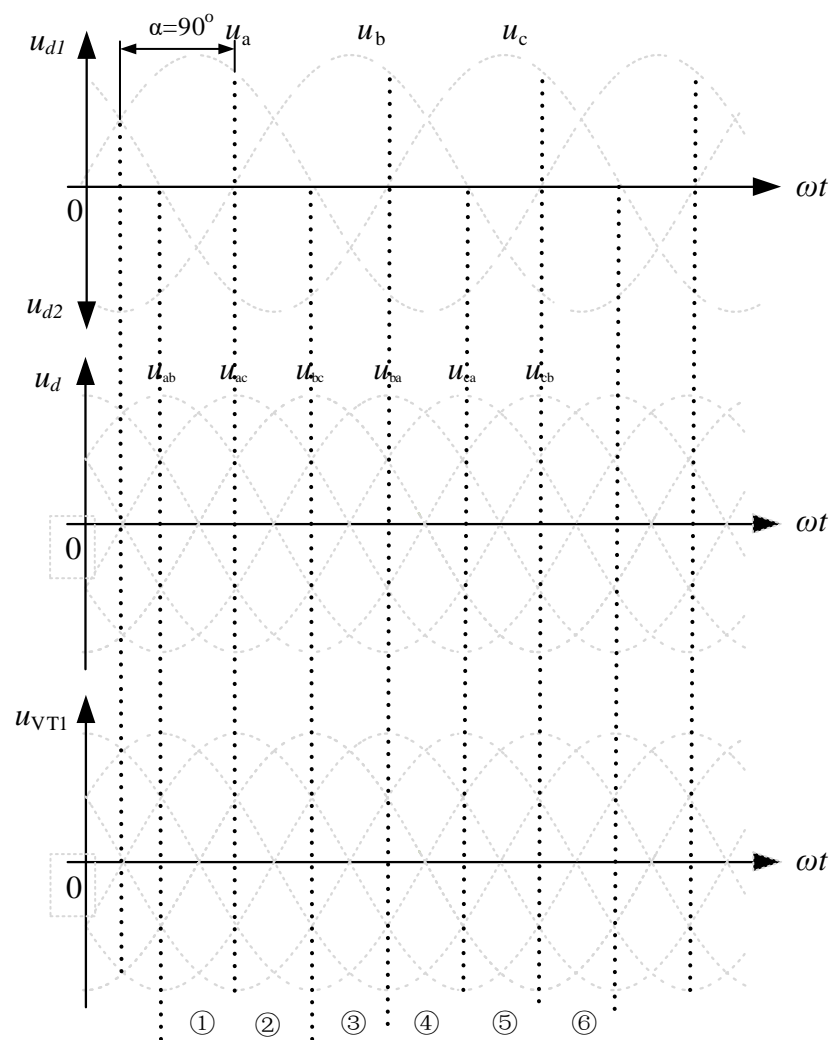
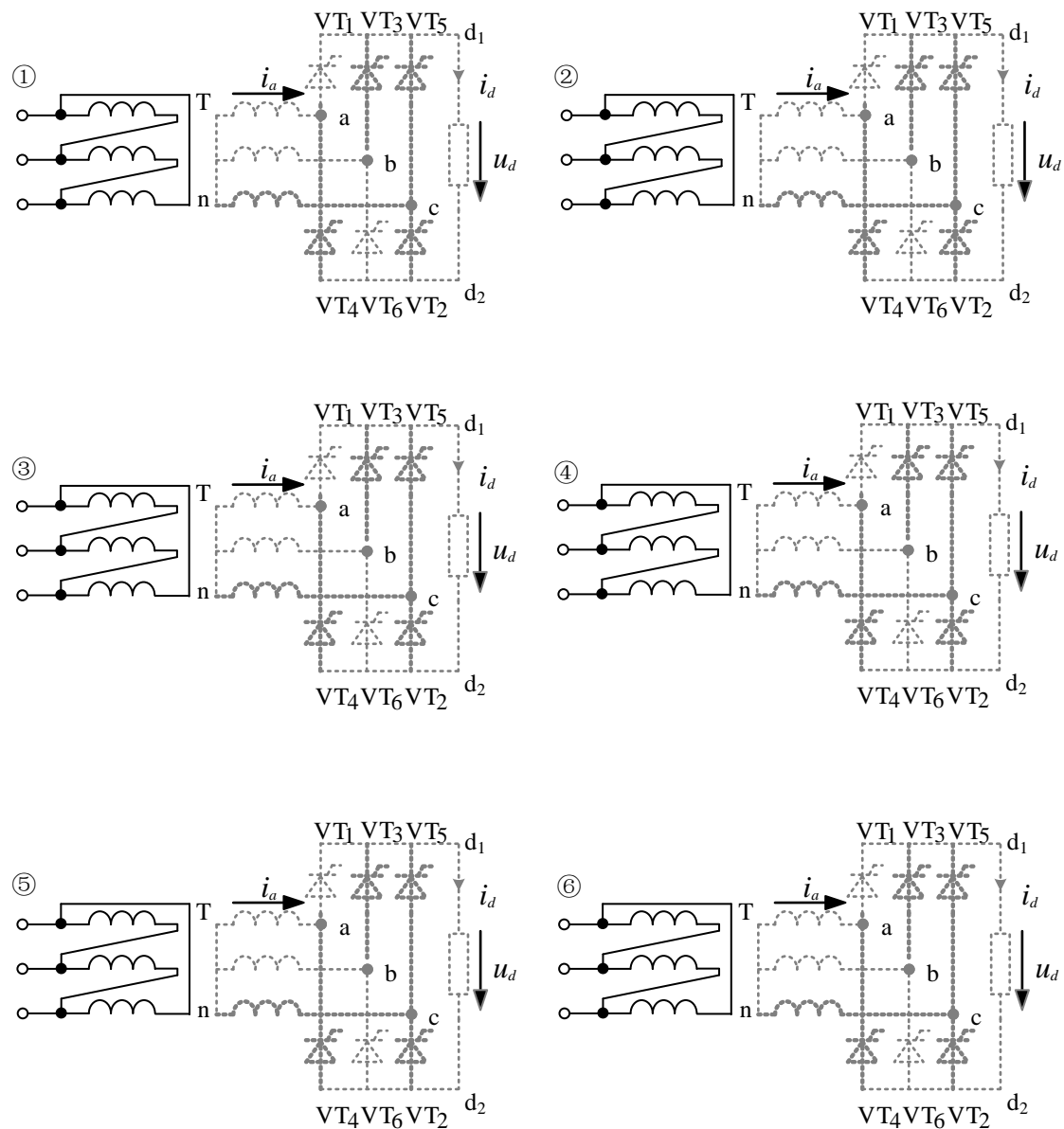


三相桥式全控整流电路带阻感负载 $\alpha=0^\circ$ 时的波形



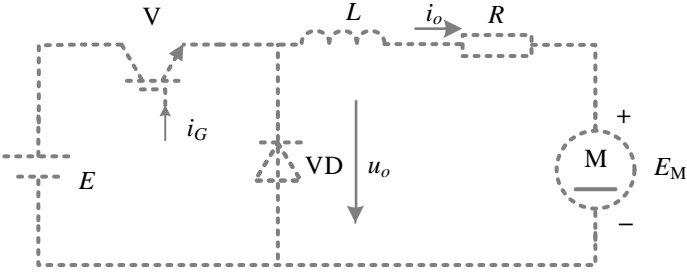
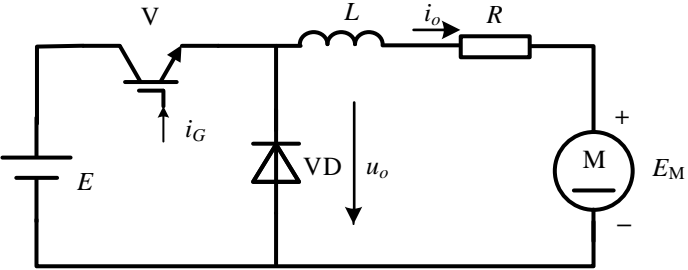
三相桥式全控整流电路带阻感负载 $\alpha=30^\circ$ 时的波形



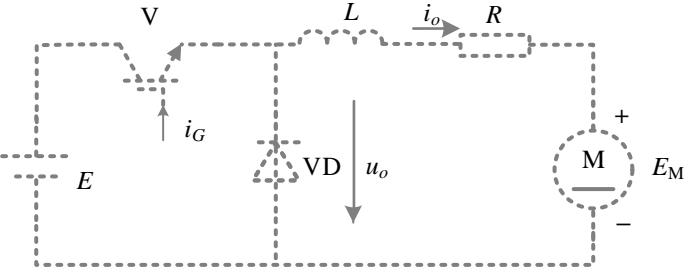


三相桥式全控整流电路带电阻负载 $\alpha=90^\circ$ 时的波形

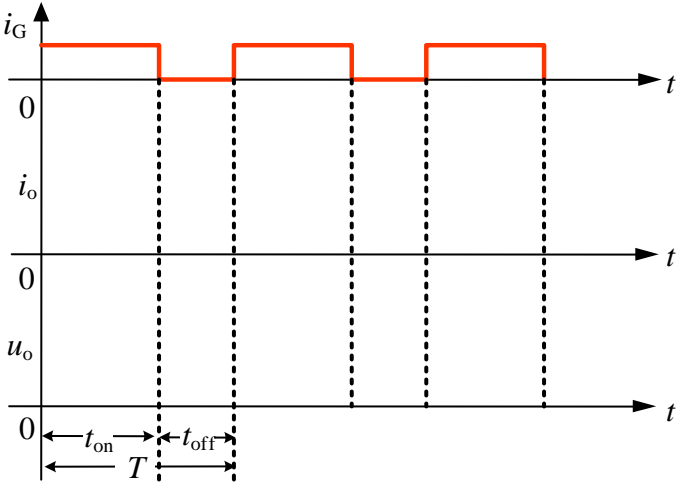
降压斩波（连续）



①

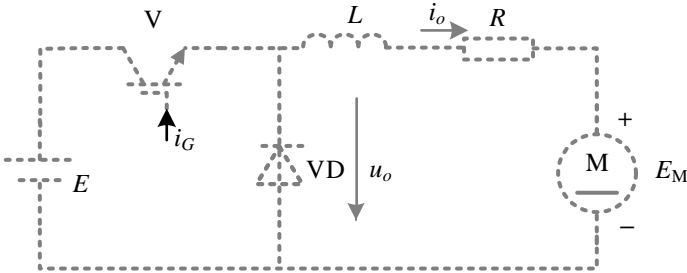
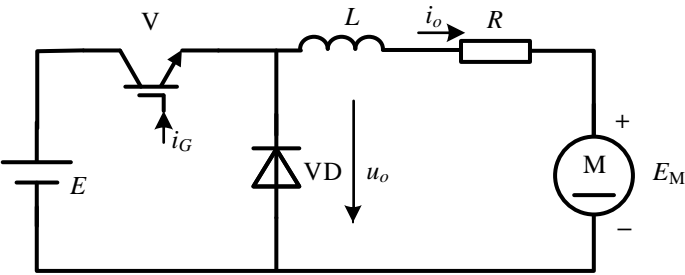


②

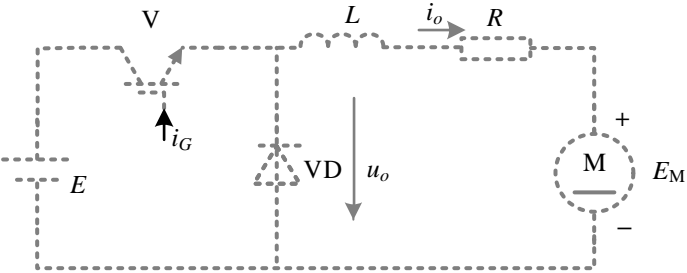


电流连续时的波形

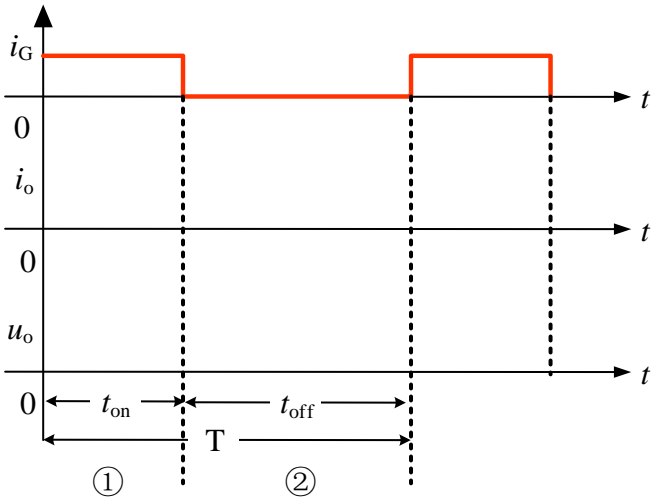
降压斩波（断续）



①

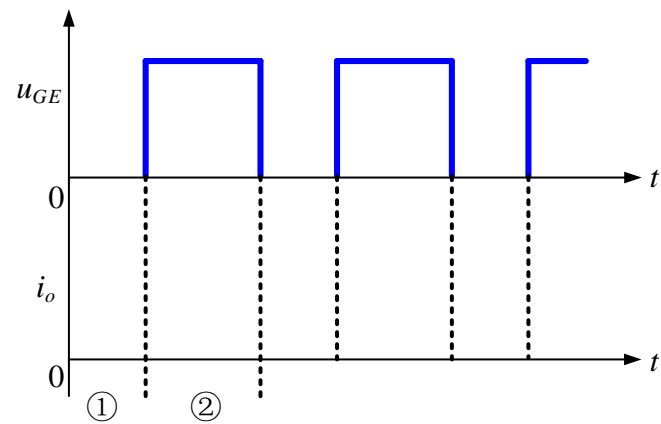
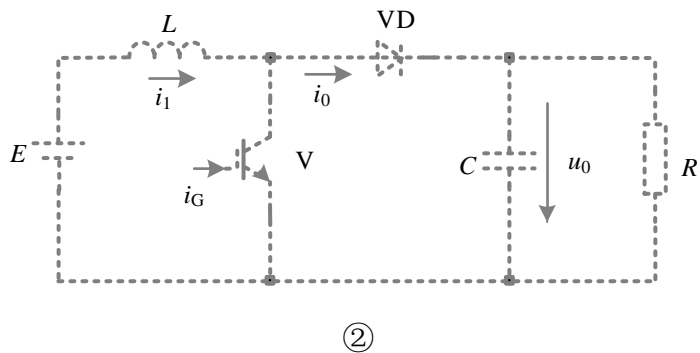
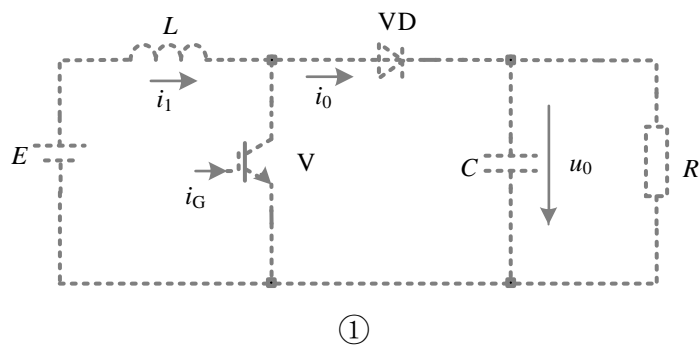
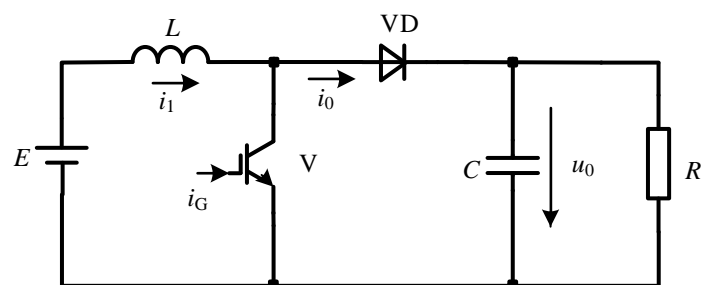


②

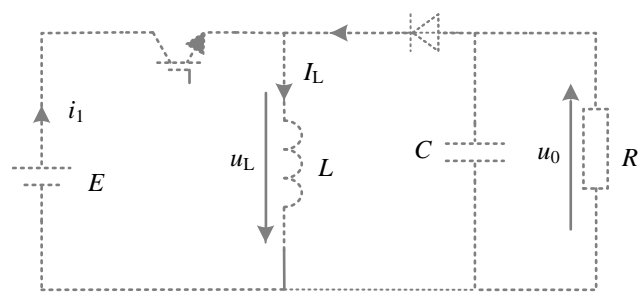
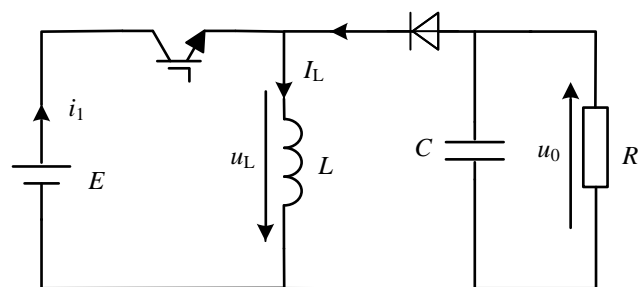


电流断续时的波形

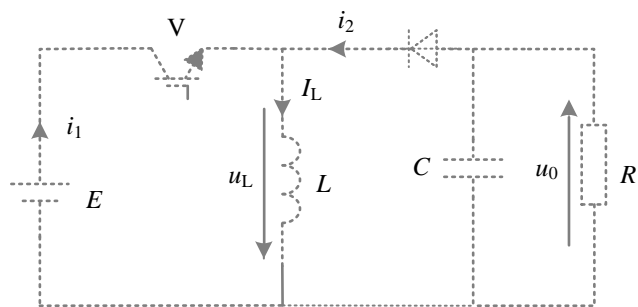
# 升压斩波



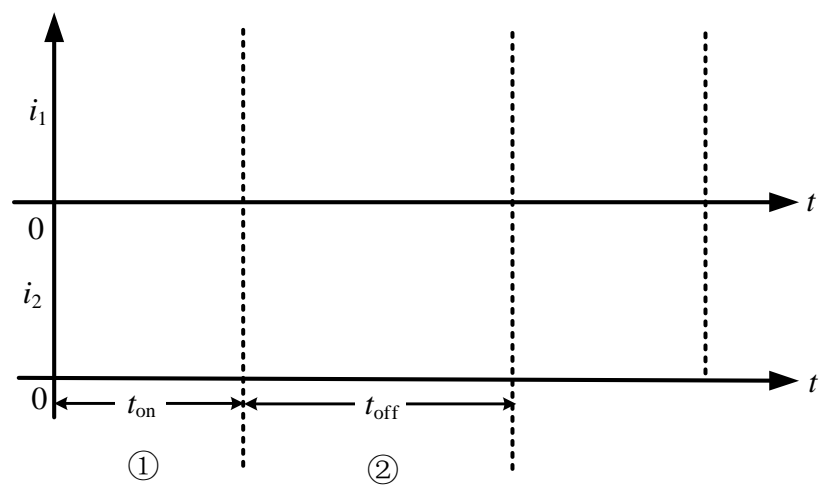
# 升降压斩波



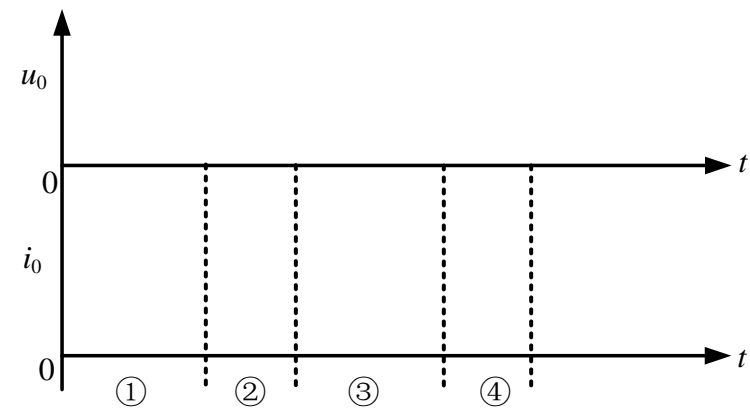
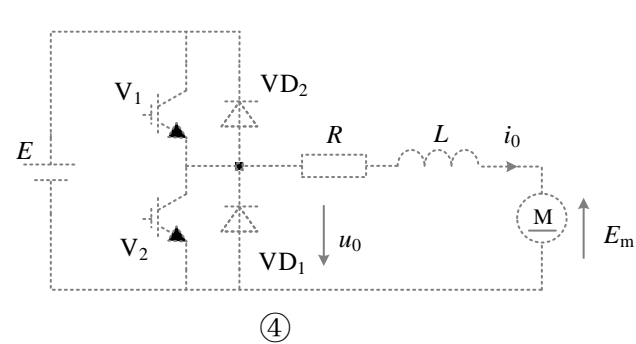
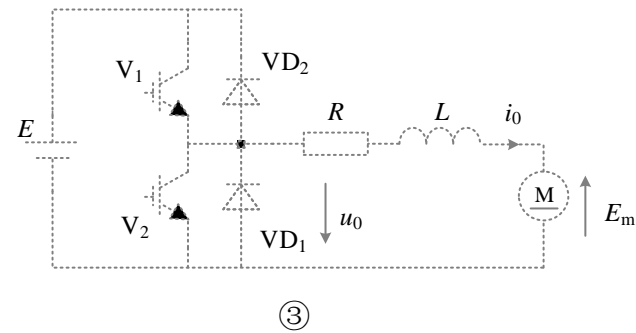
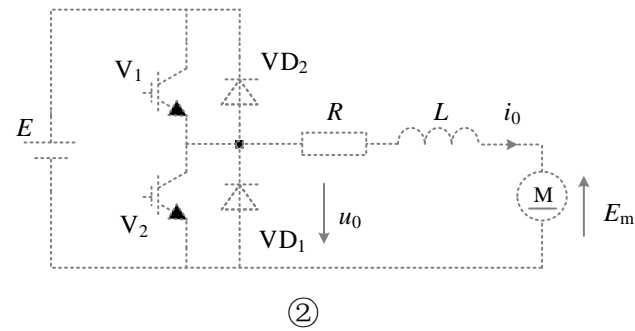
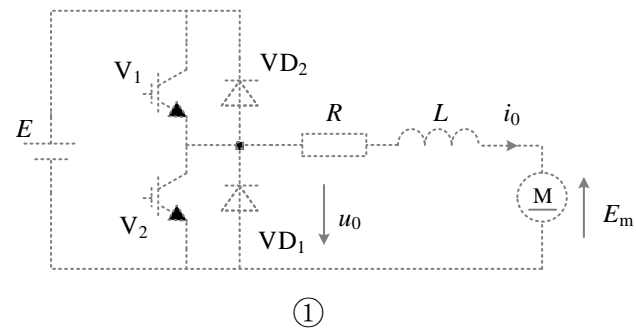
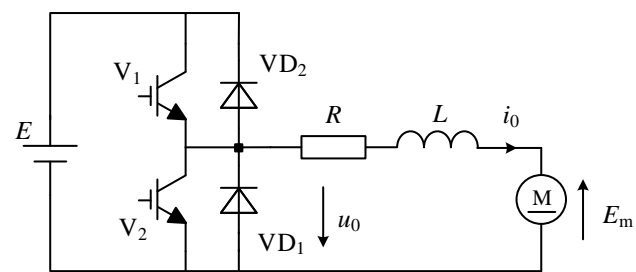
①



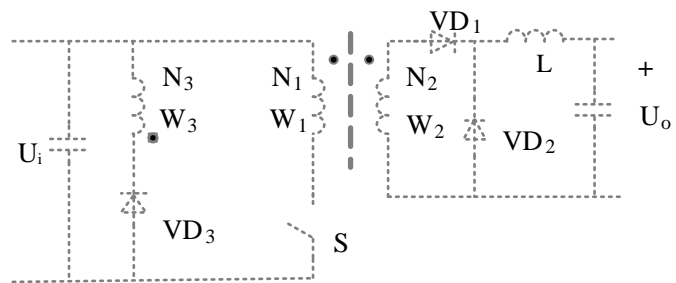
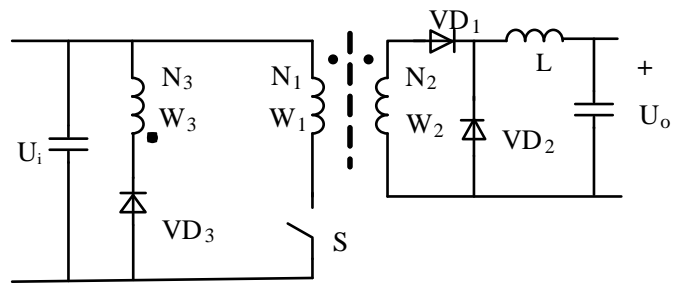
②



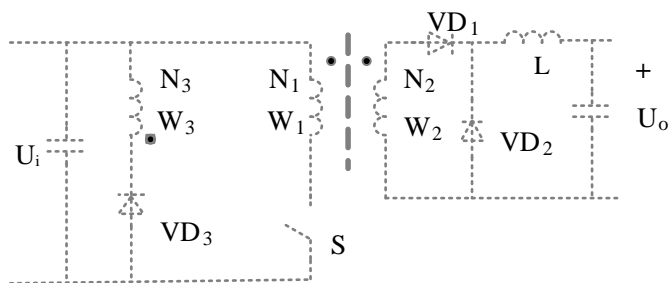
电流可逆斩波电路



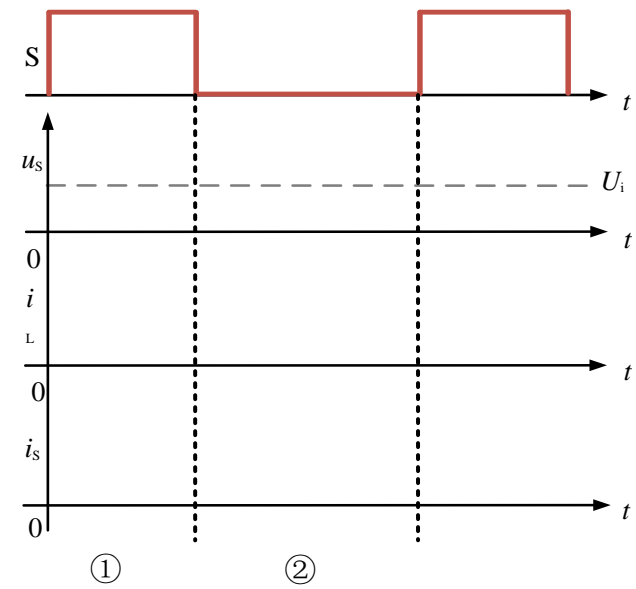
# 正激电路



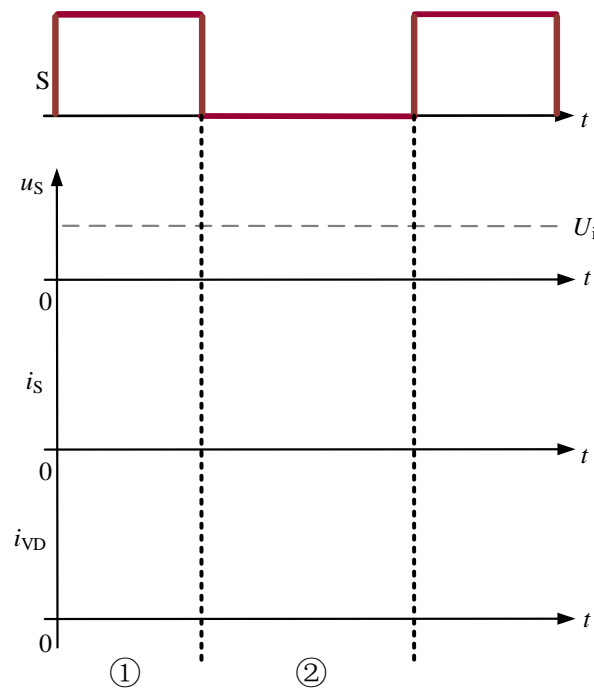
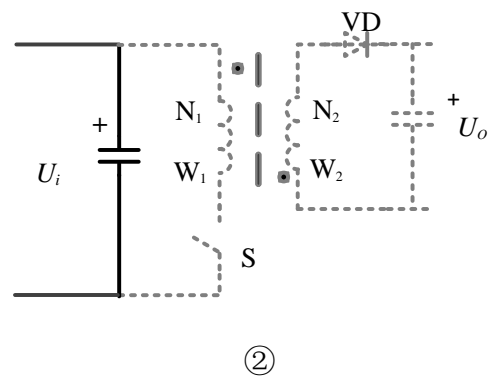
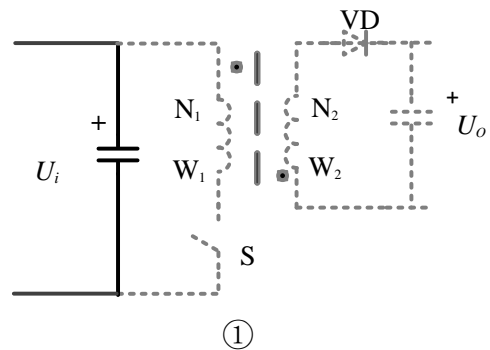
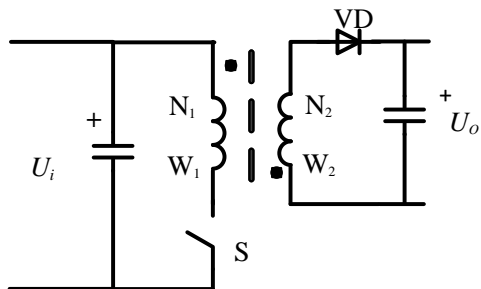
①



②

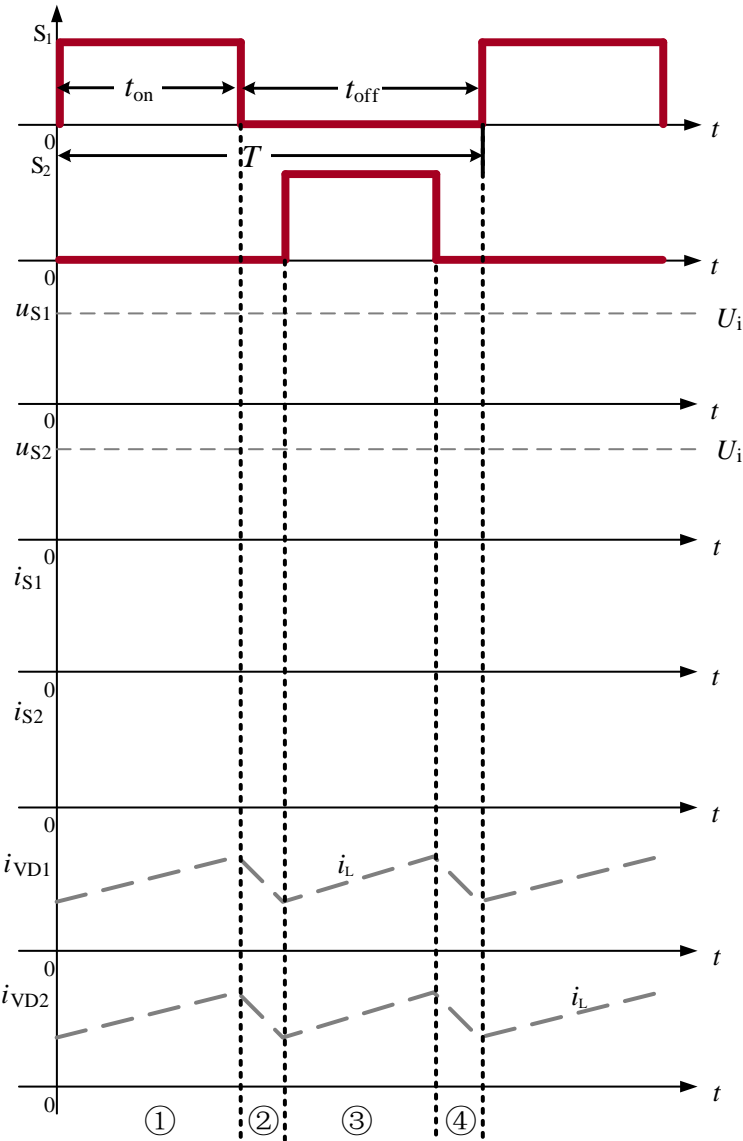
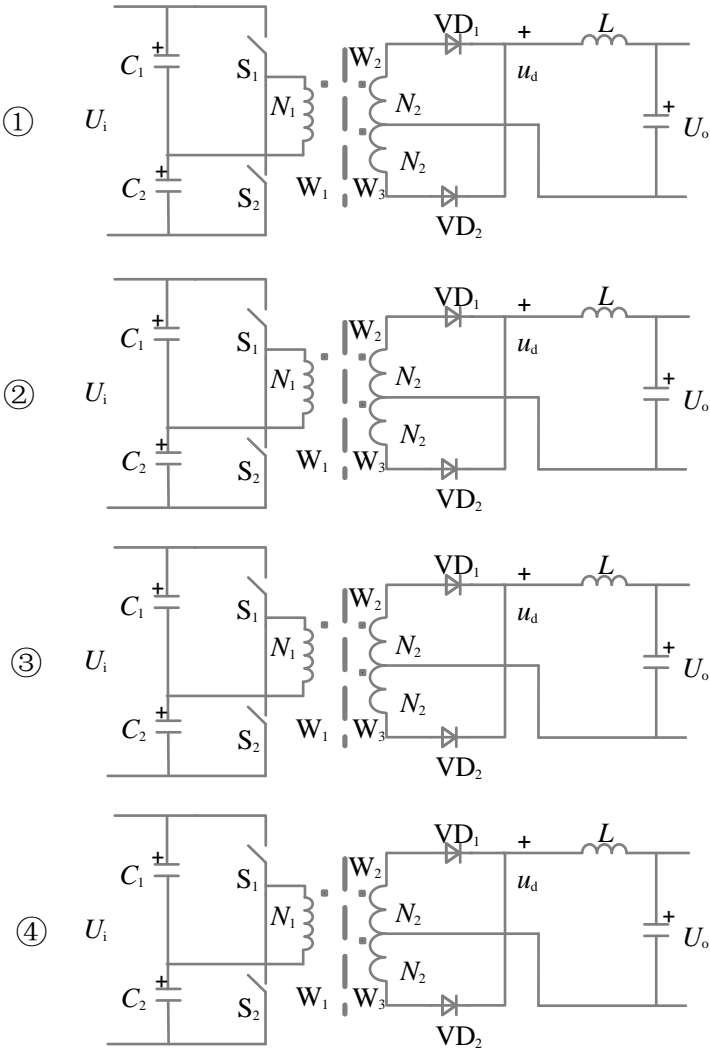
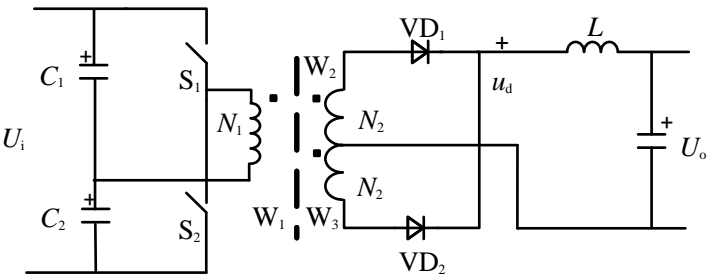


反激电路

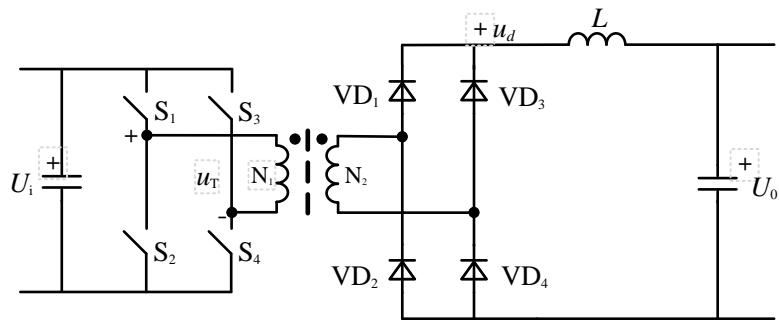




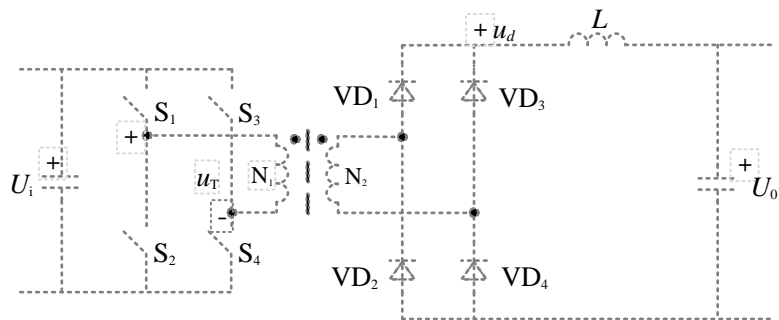
半桥电路



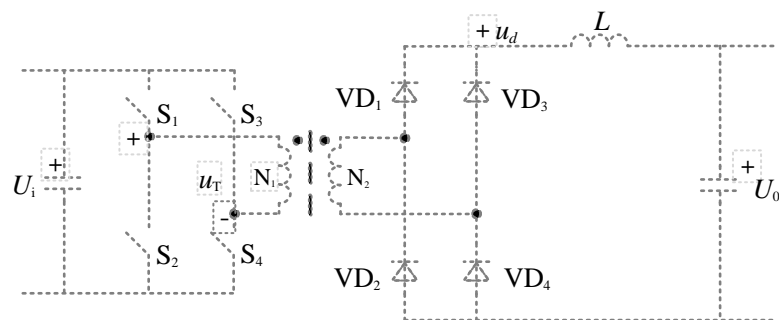
# 全桥电路



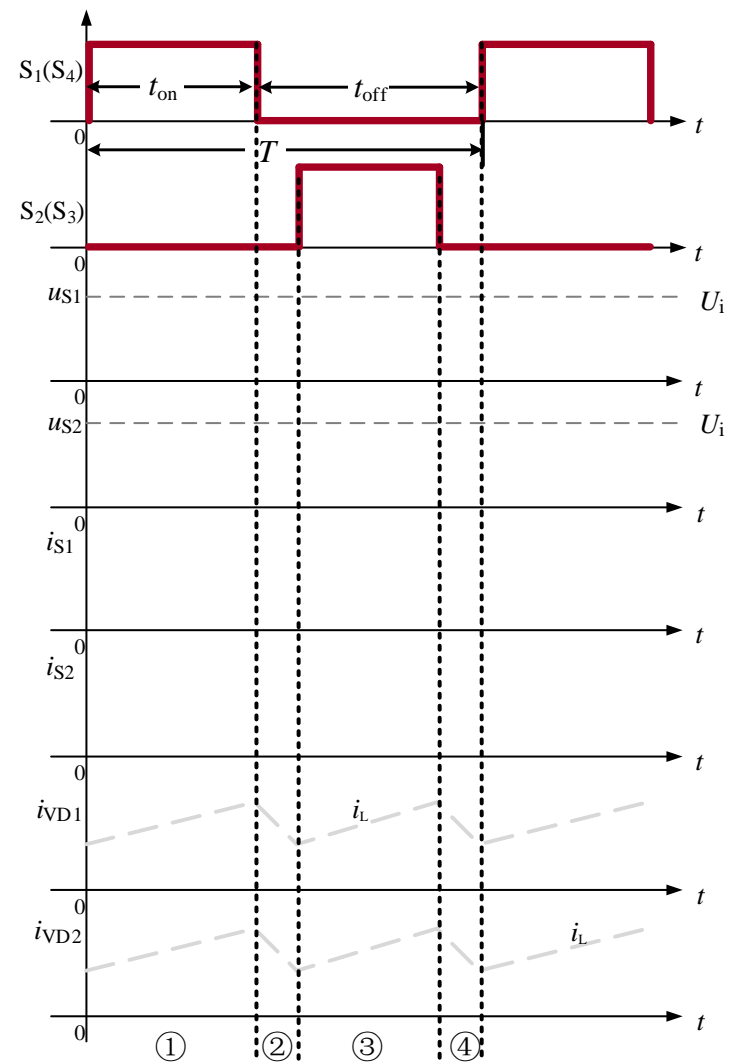
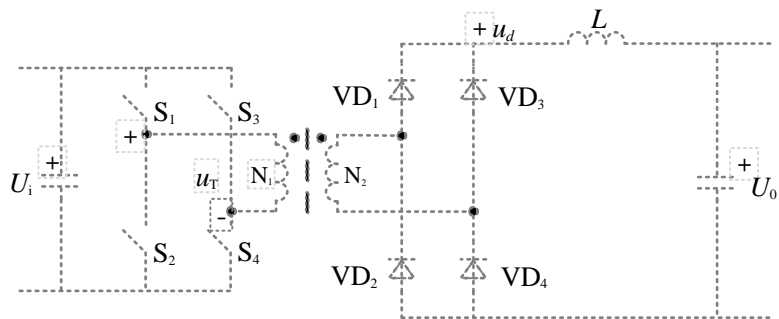
①



②



③



推挽电路

