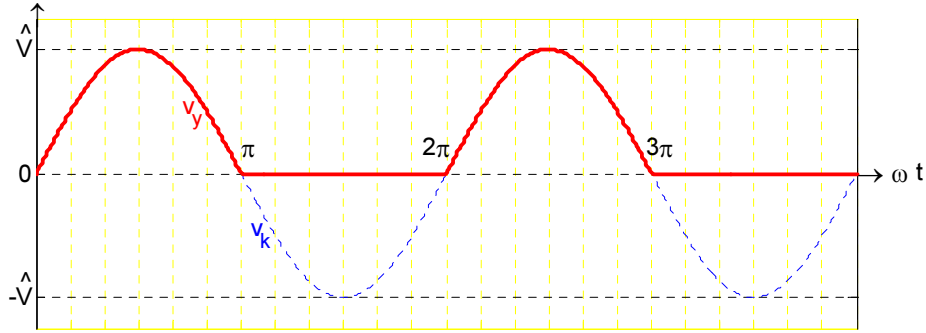
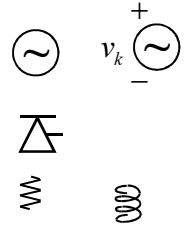
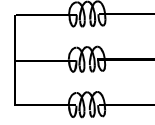
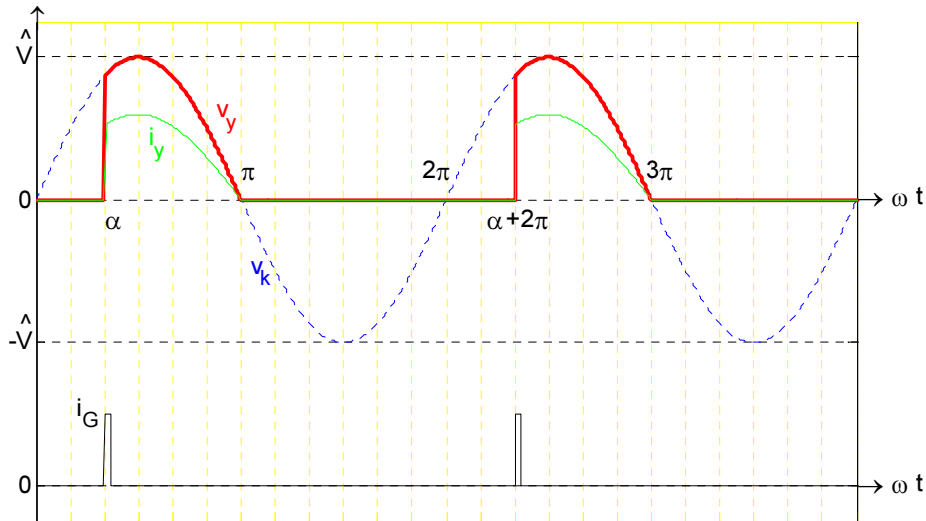


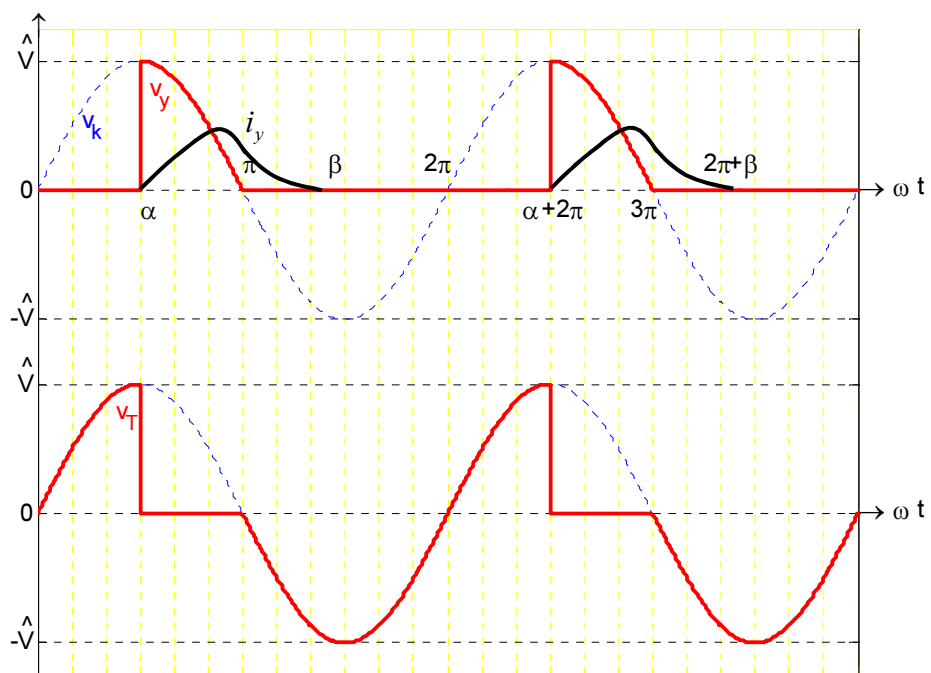
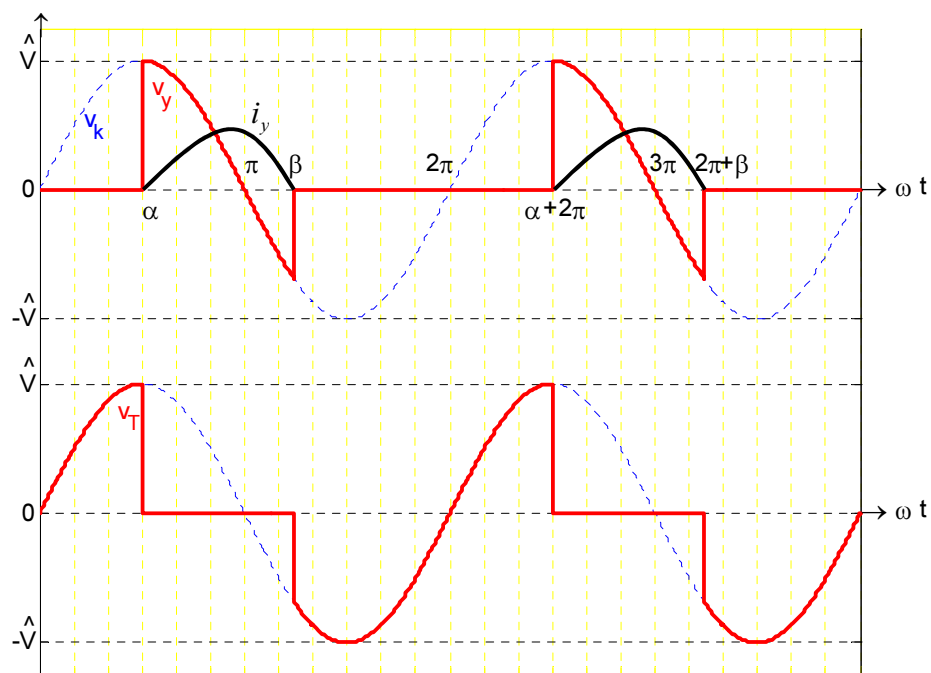
Tek fazlı yarım dalga doğrultucu (O1)

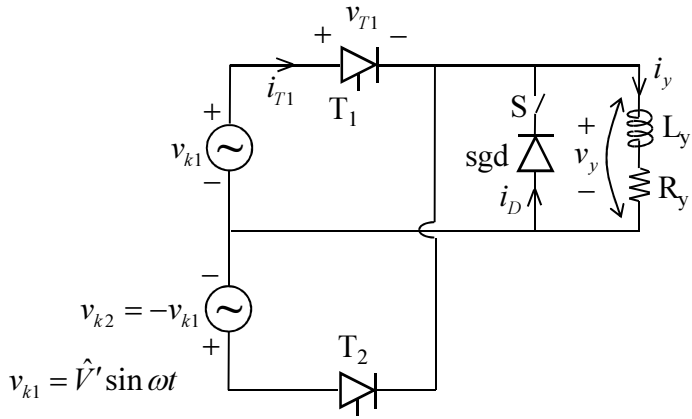


Omik yükte ve $\alpha = 0^\circ$ (tristör yerine diyot)

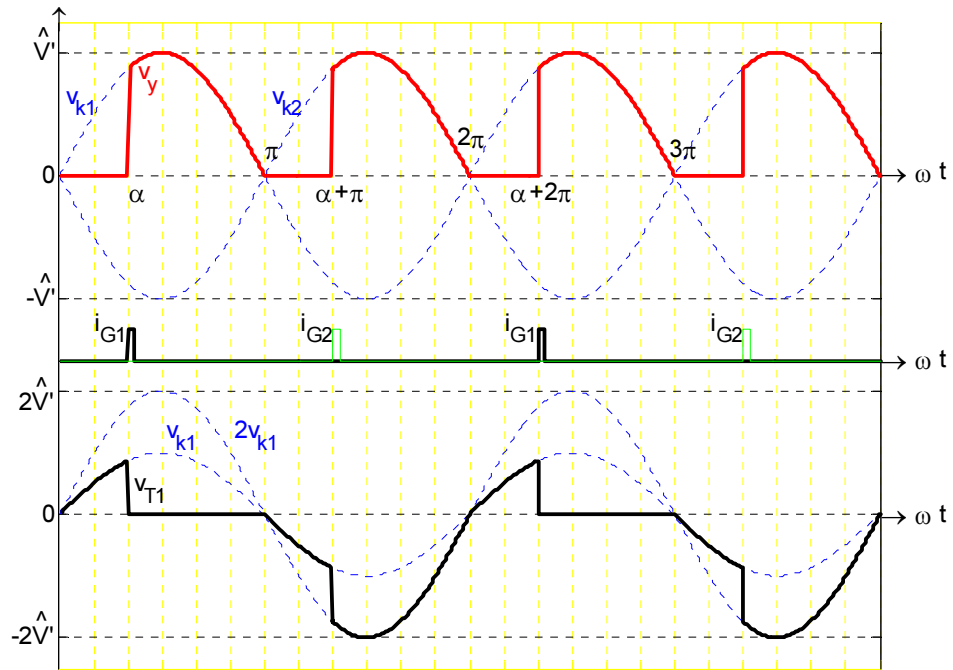


Omik yükte ve $\alpha = 60^\circ$

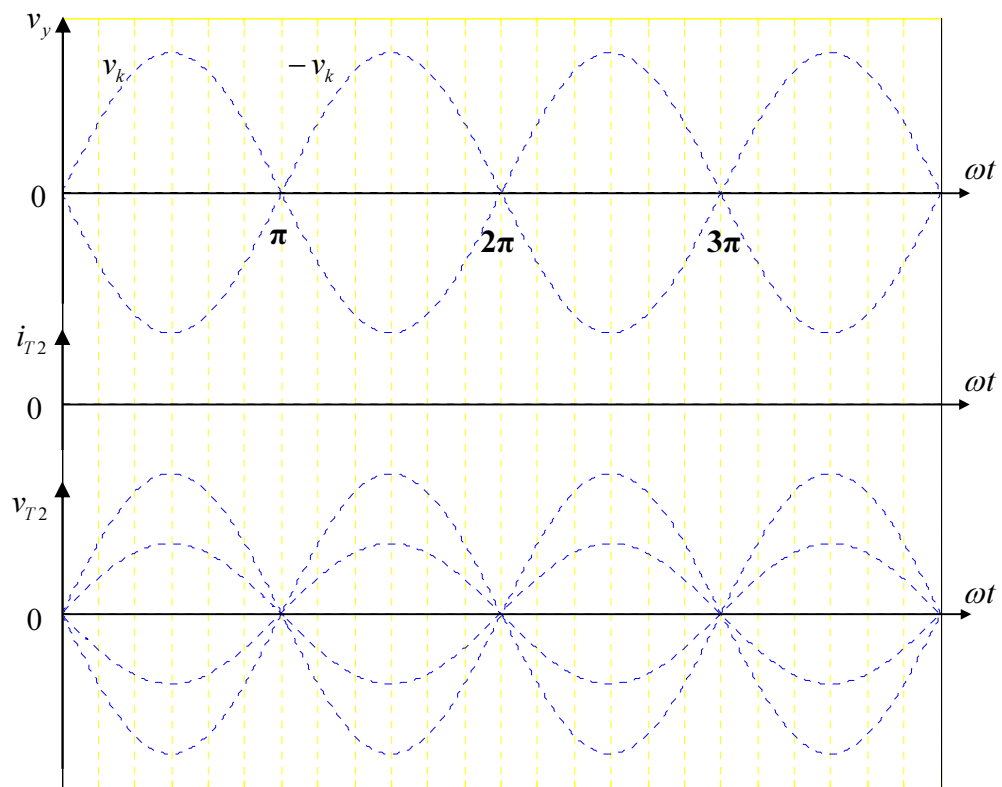
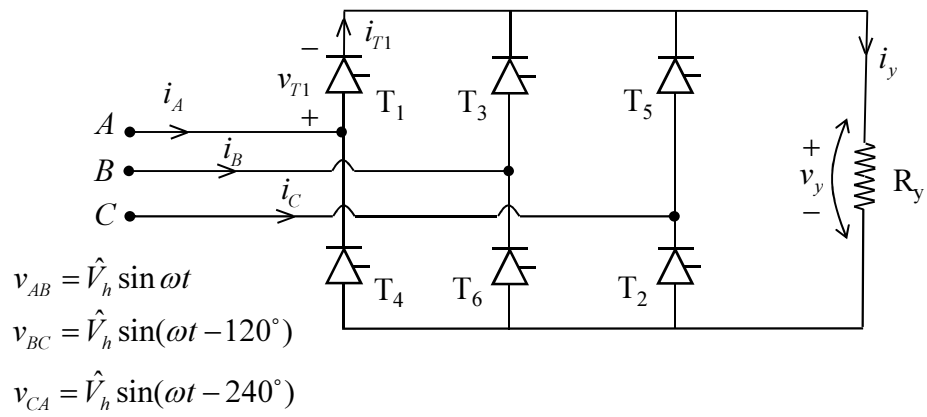
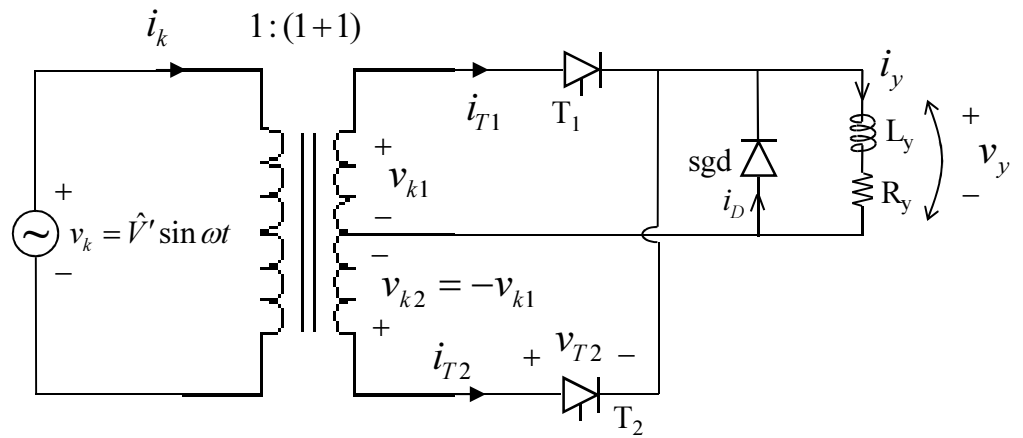


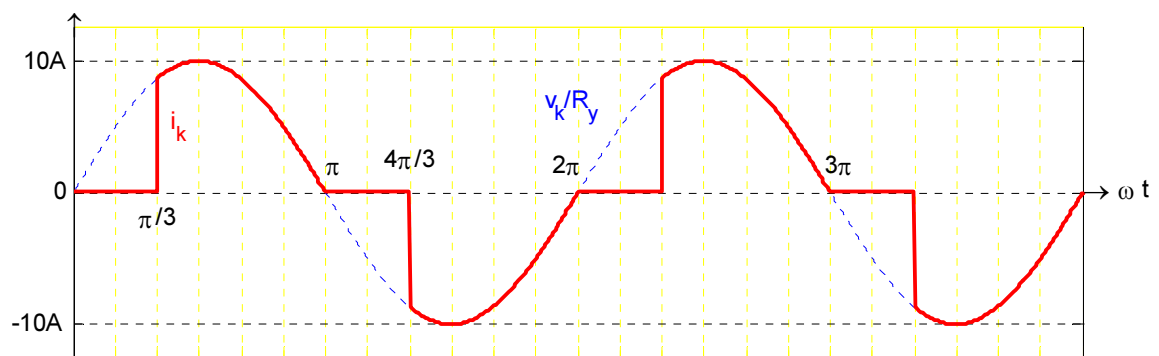
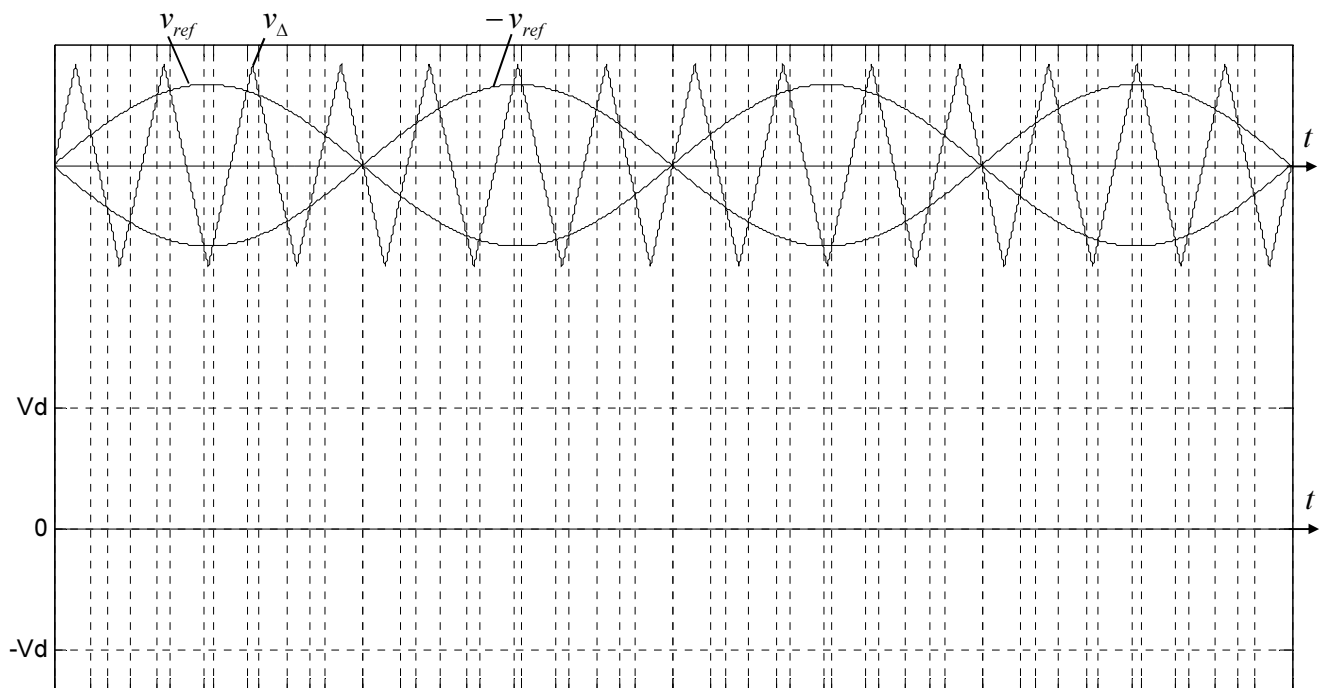


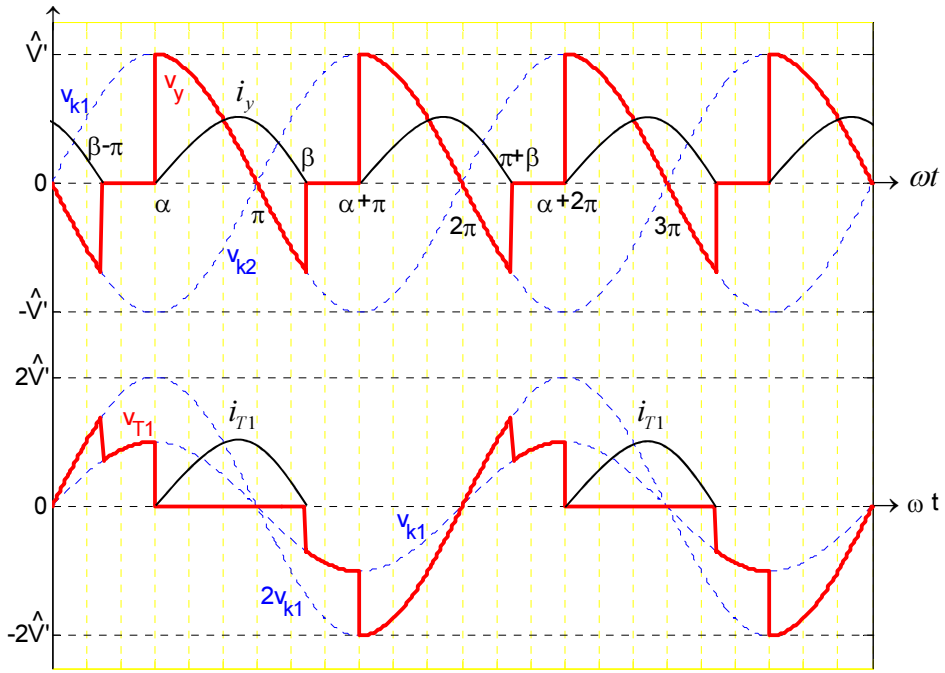
Tek fazlı tam dalga doğrultucu (O2)



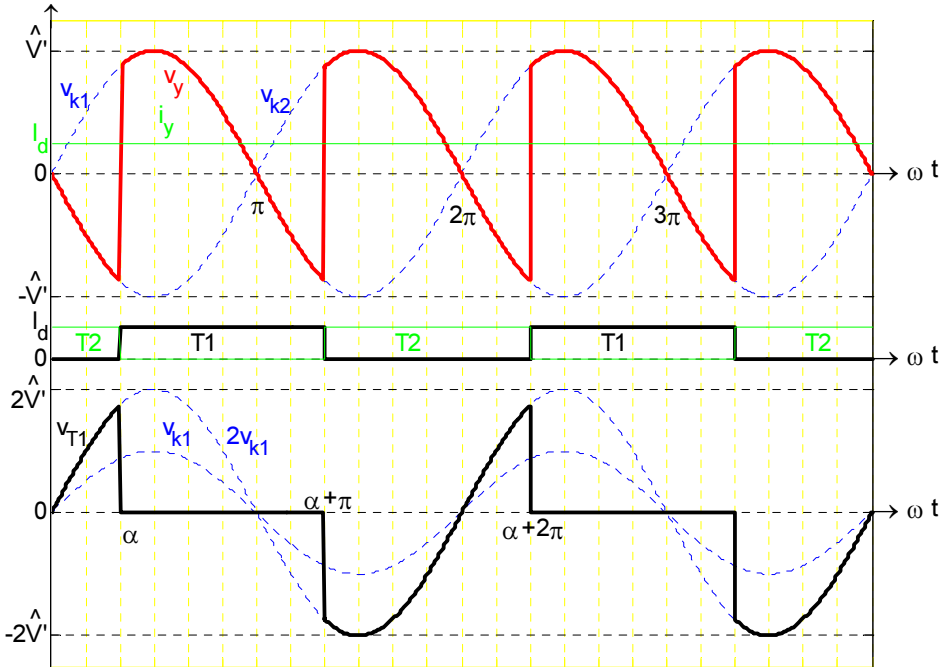
Omik yükte $\alpha = 60^\circ$



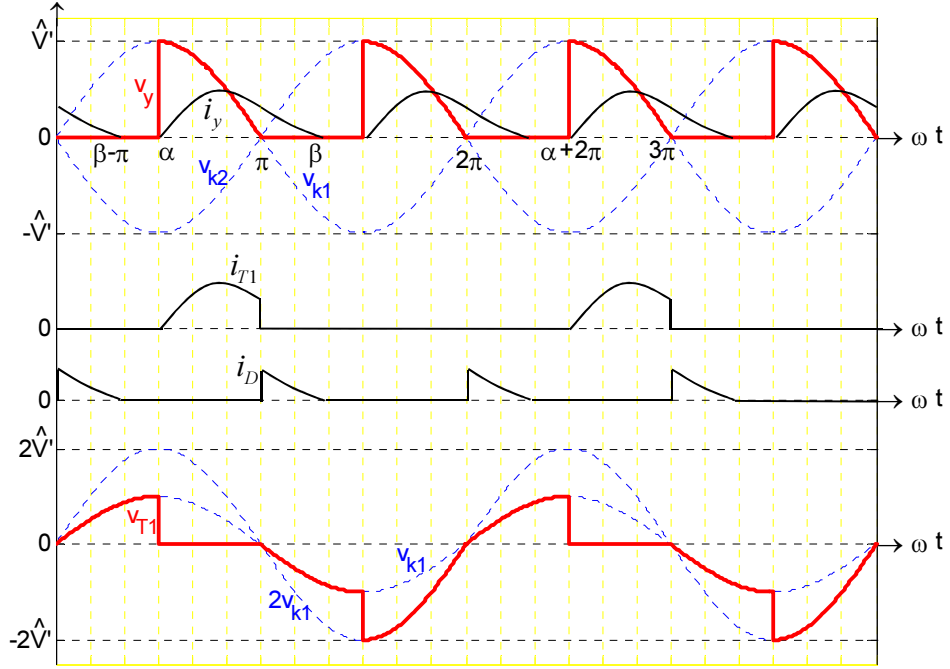
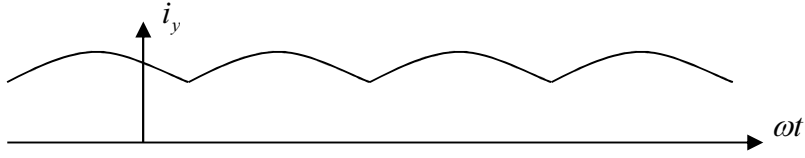




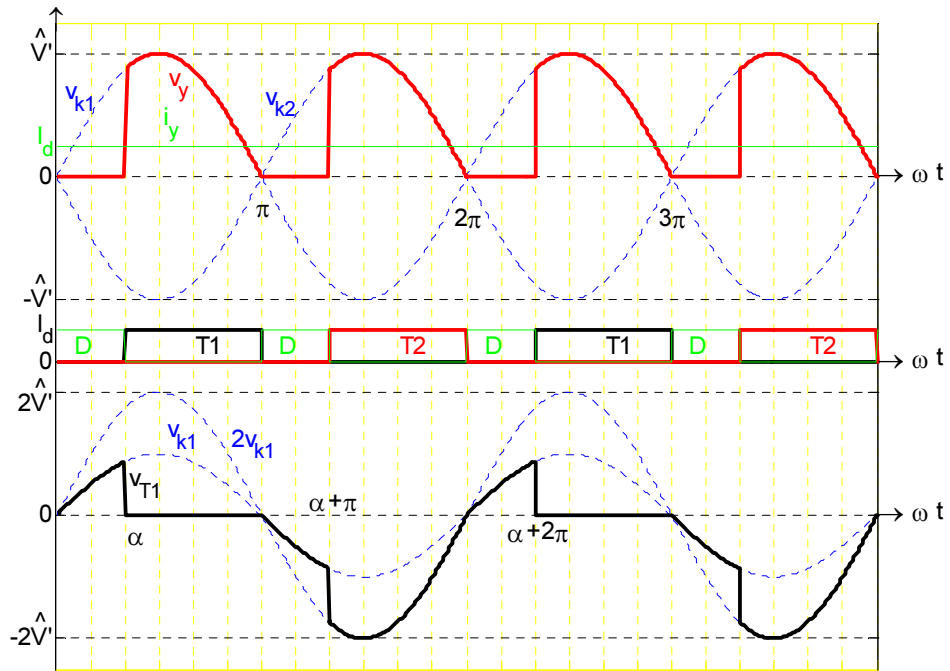
Endüktif yükte sgd yok ve $\alpha = 90^\circ$



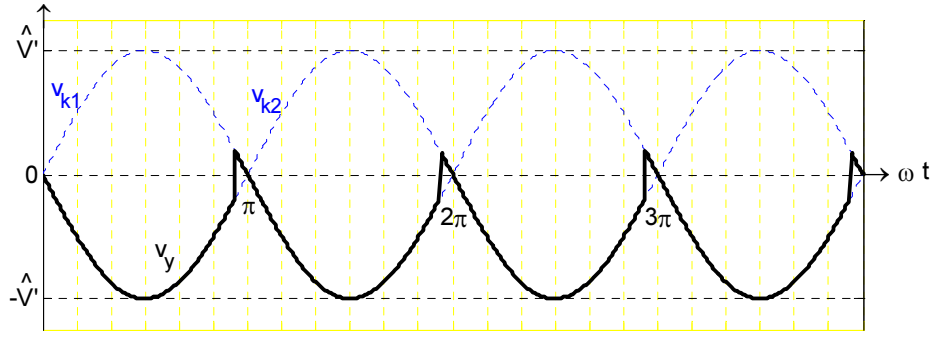
Tam süzölmüş akımlı, sgd yok ve $\alpha = 60^\circ$



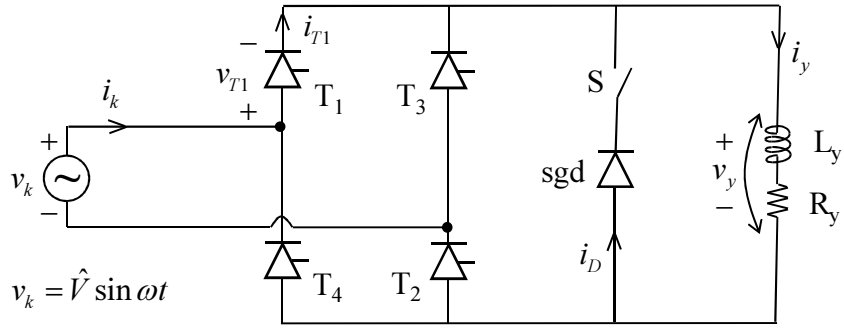
Endüktif yükte sgd var ve $\alpha = 90^\circ$



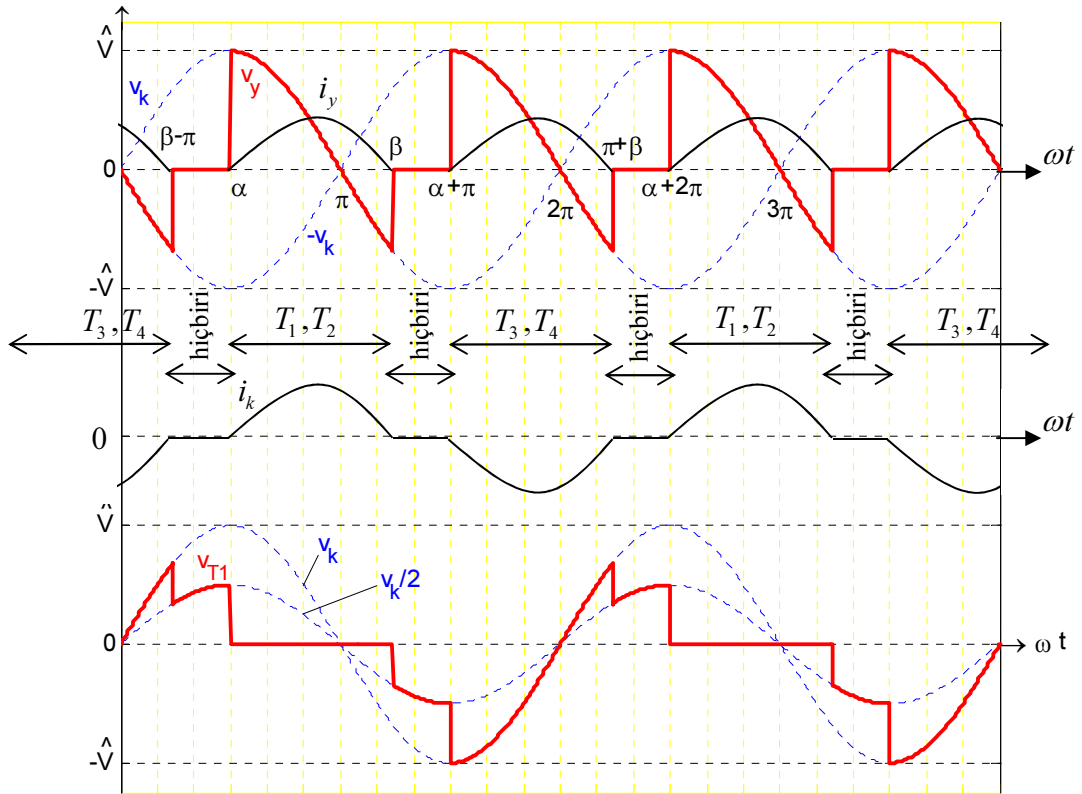
Tam süzölmüş akımlı, sgd var ve $\alpha = 60^\circ$



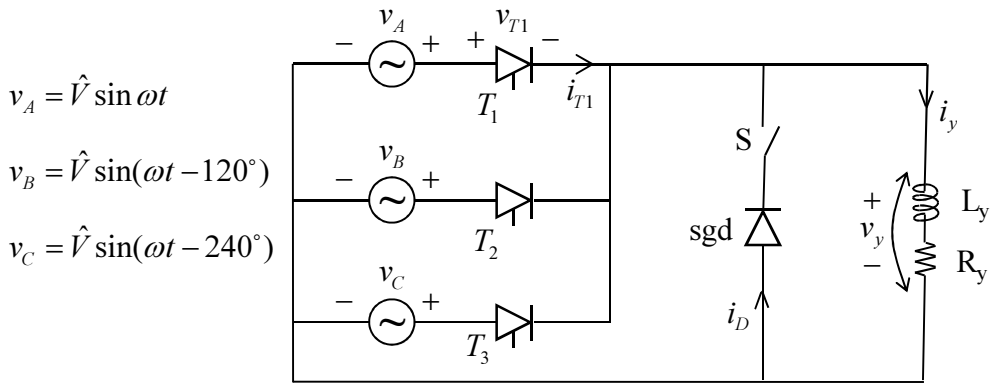
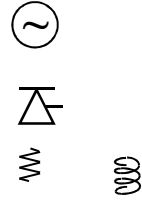
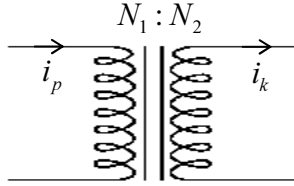
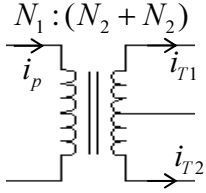
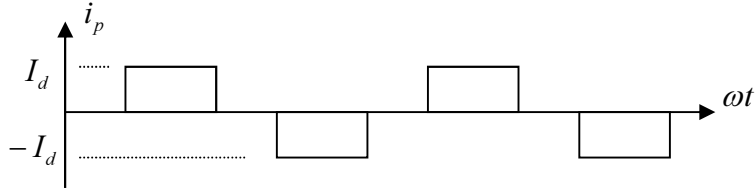
Sgd'siz tam süzölmüş akımlı, $\alpha = 180^\circ - \omega t_q$



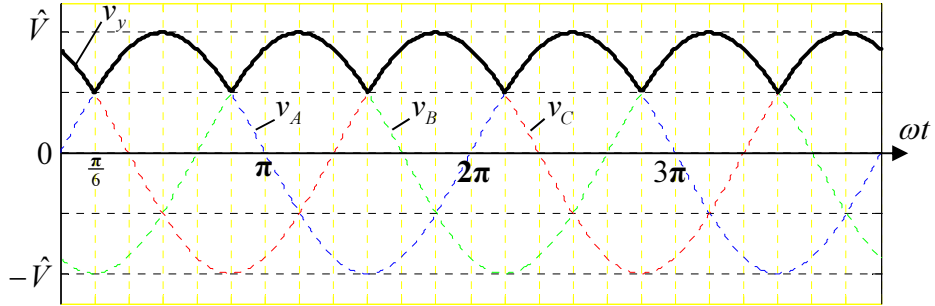
Tek fazlı tam denetimli köprü doğrultucu (K2)



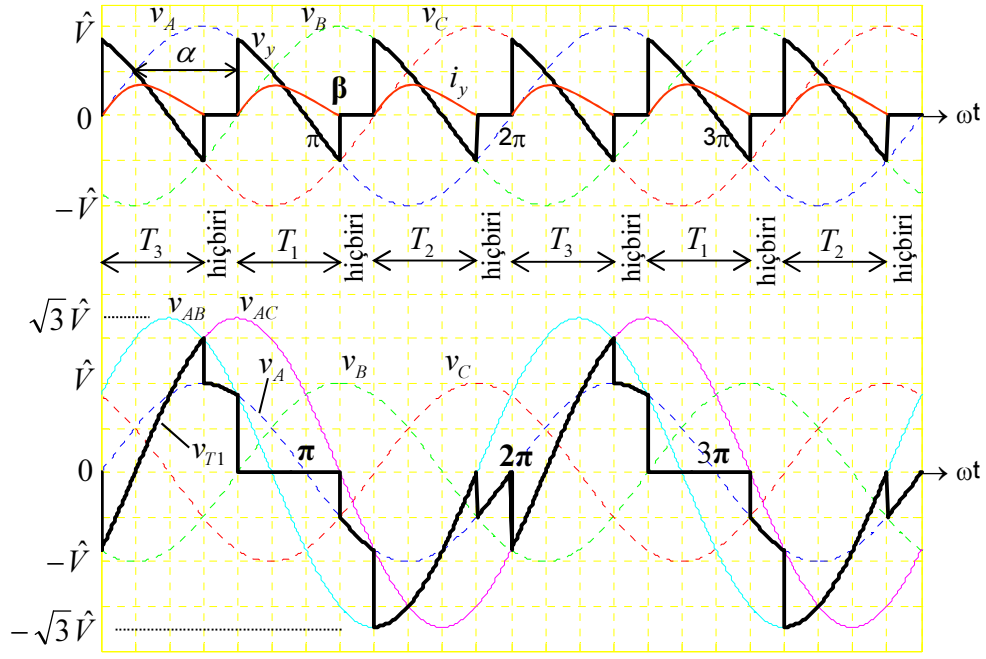
Endüktif yükte sgd yok, $\alpha = 90^\circ$



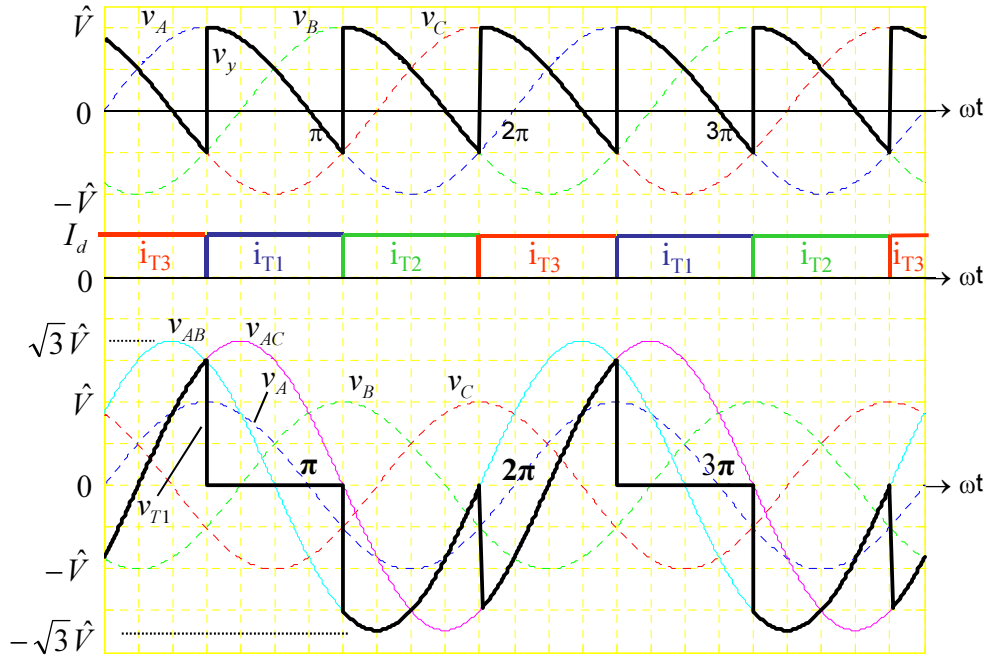
Üç fazlı orta uçlu doğrultucu (O3)



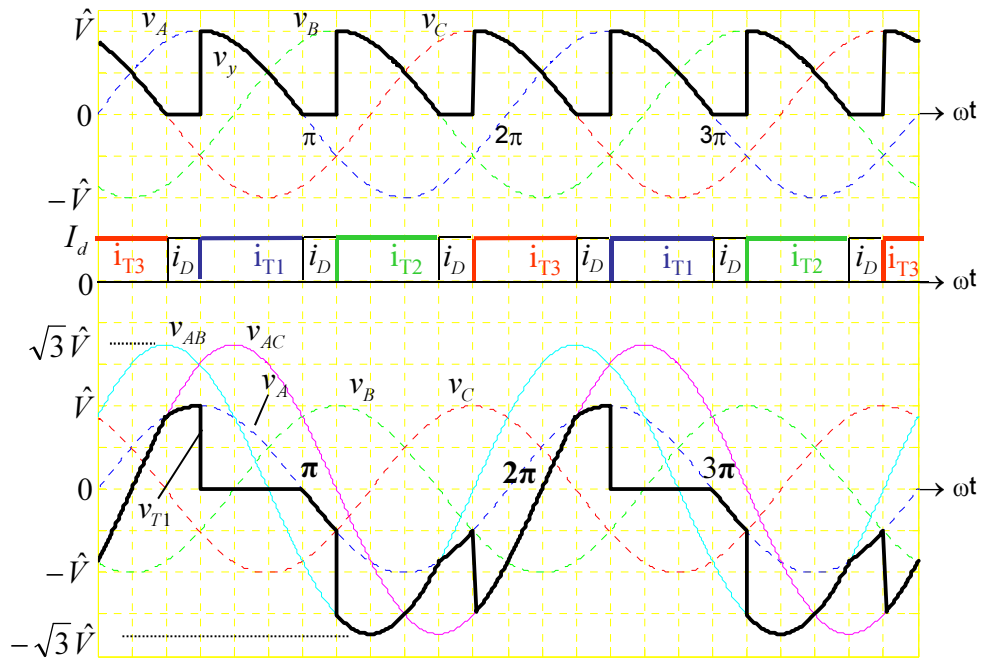
Omik yükte ve $\alpha = 0^\circ$ (tristör yerine diyot)



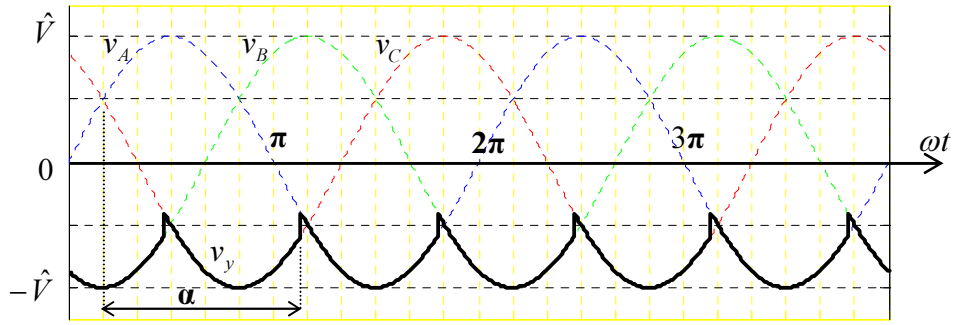
Endüktif yükte sgd yok, $\alpha = 90^\circ$



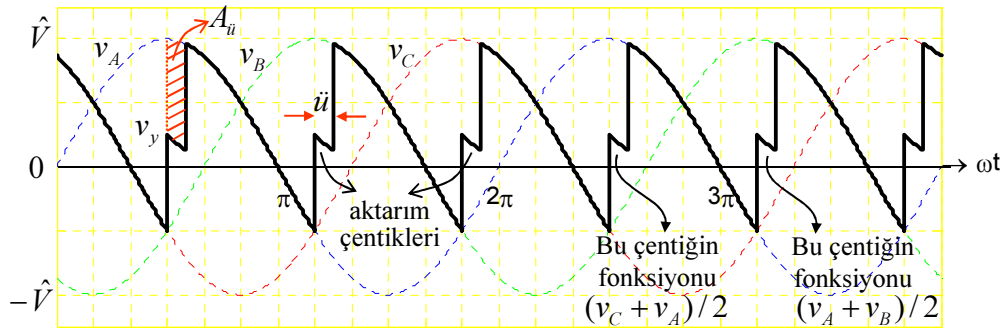
Tam süzölmüş akımlı, sgd yok, $\alpha = 60^\circ$



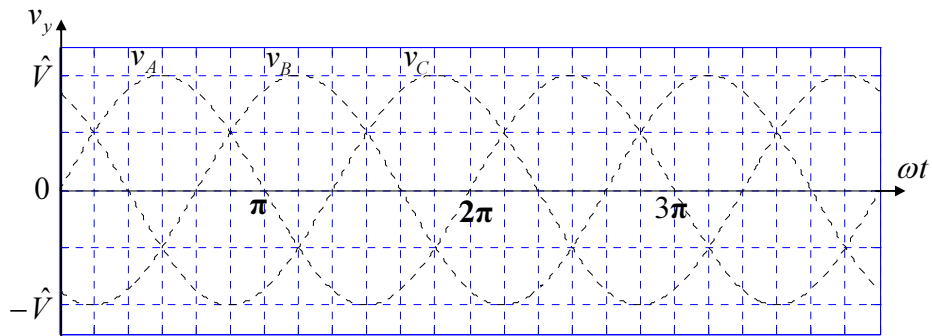
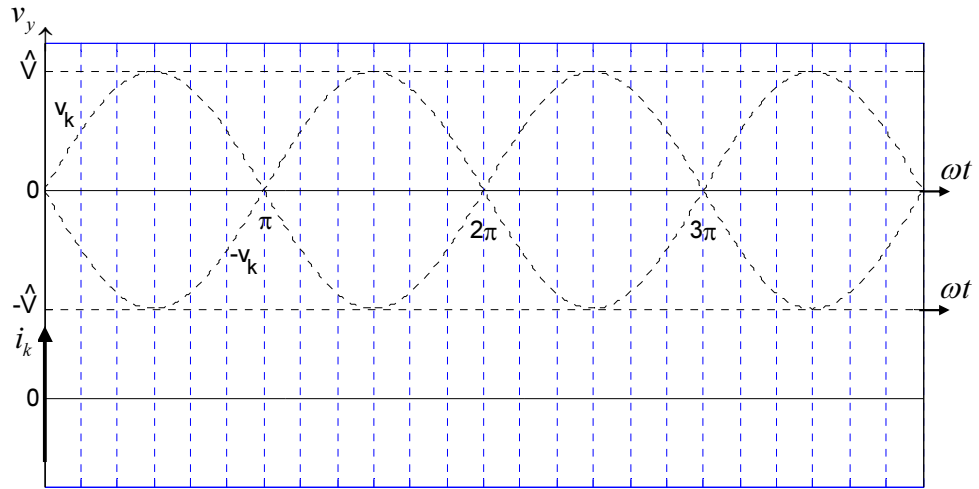
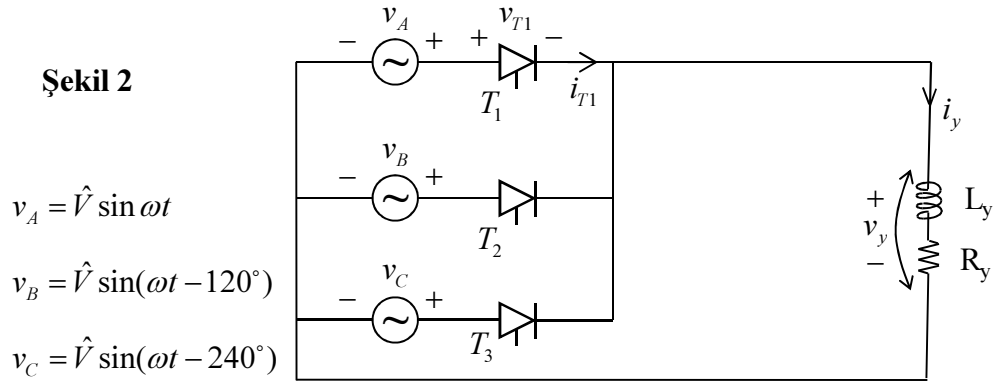
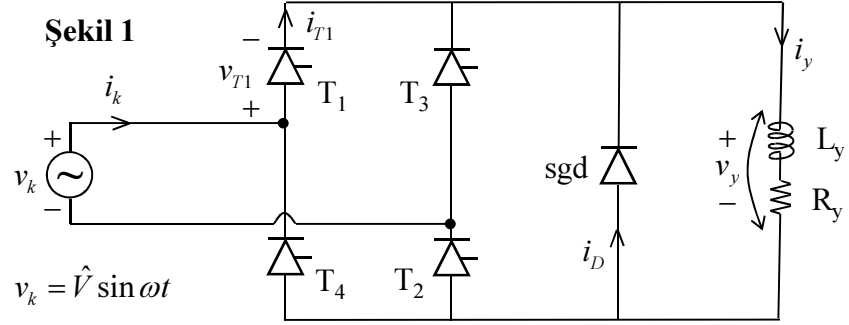
Tam süzölmüş akımlı, sgd var, $\alpha = 60^\circ$

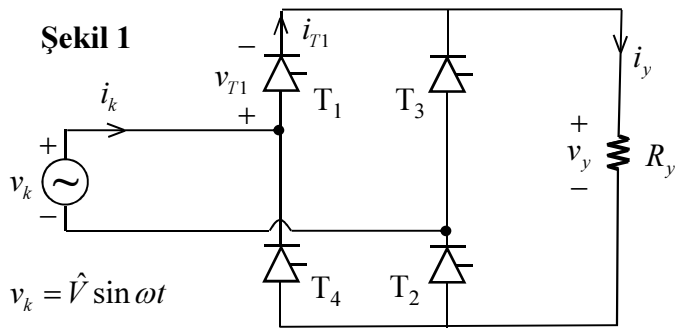
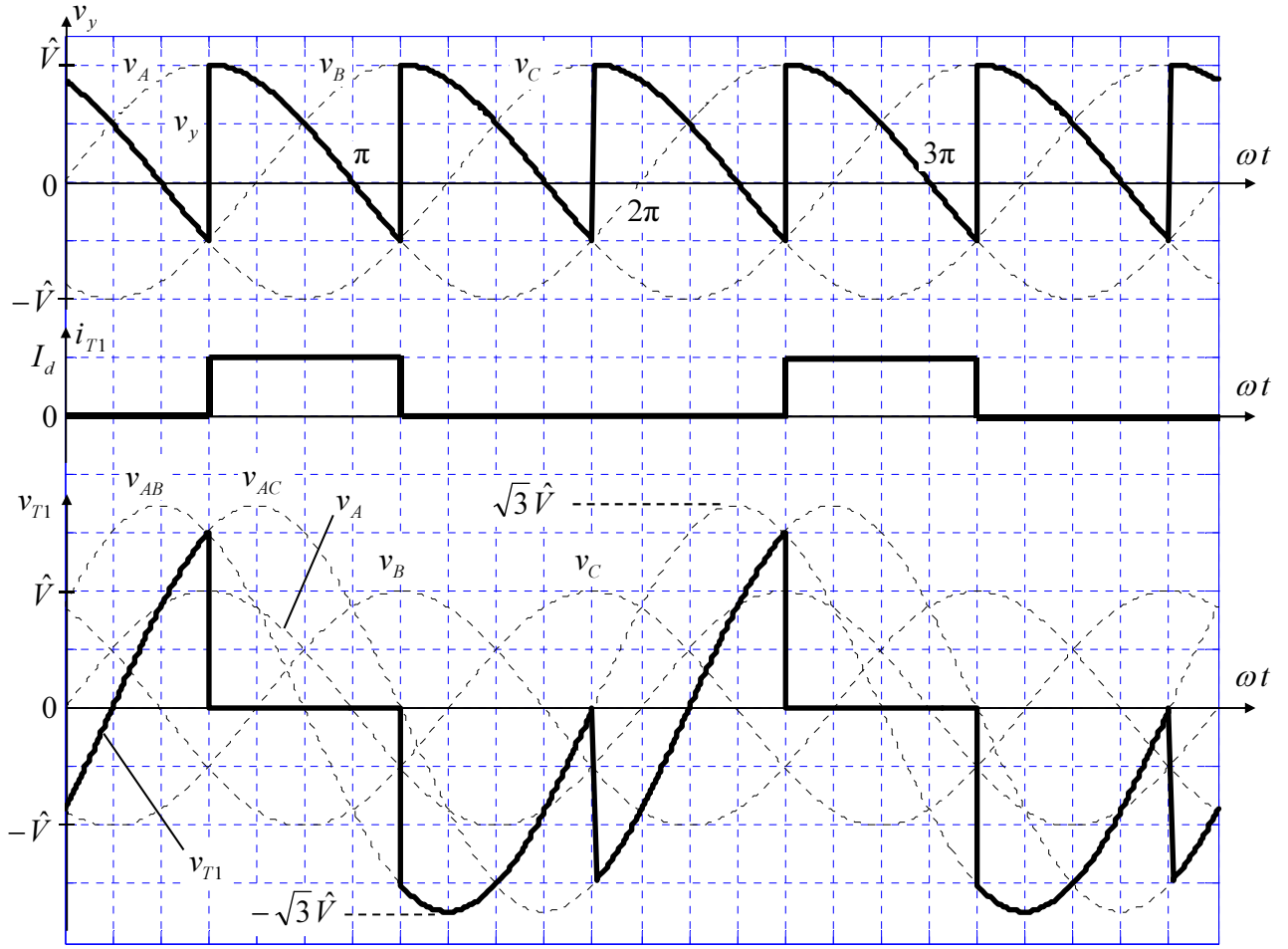


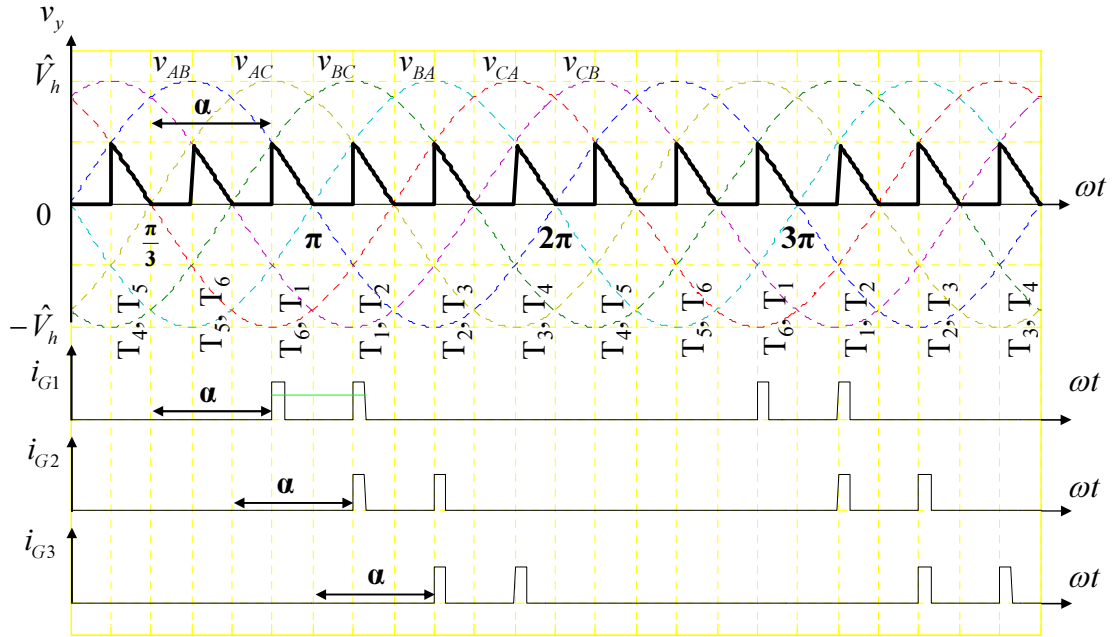
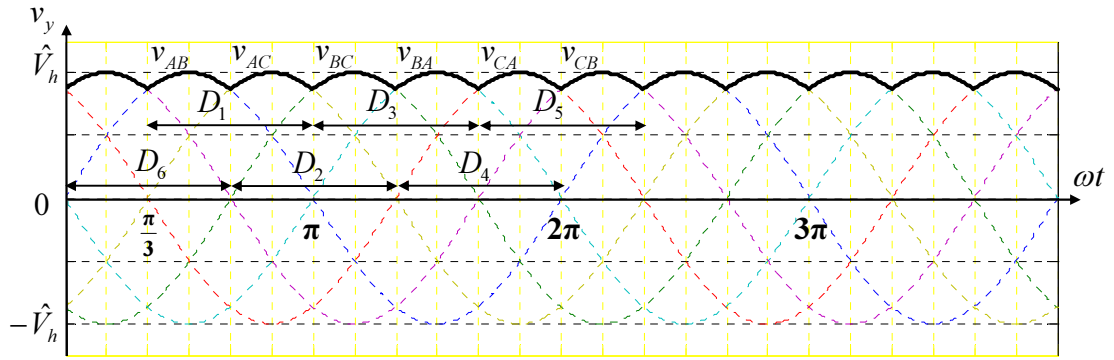
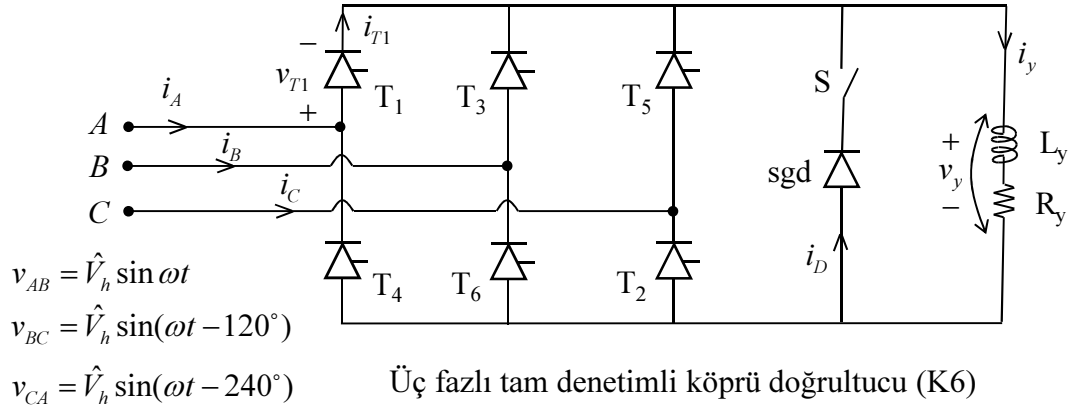
Tam süzölmüş akımlı, sgd yok, $\alpha = 180^\circ - \omega t_q$

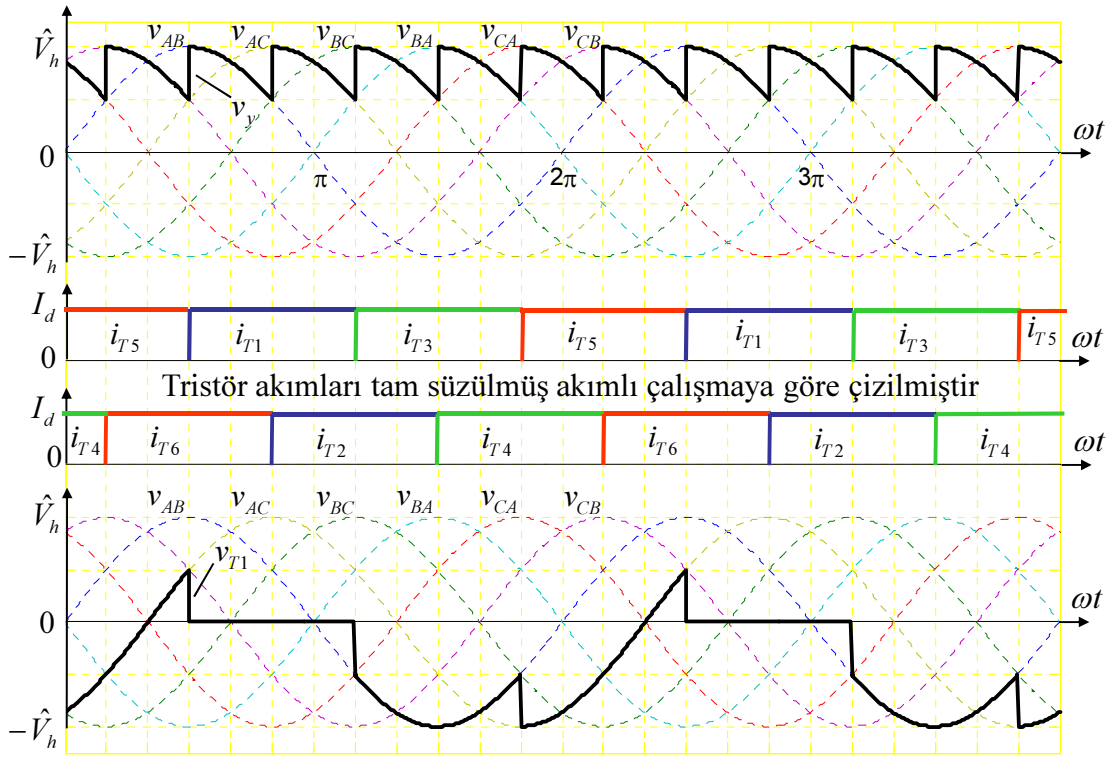


Aktarım ihmal edilmeden sgd'siz tam süzölmüş akımlı $\alpha = 60^\circ$

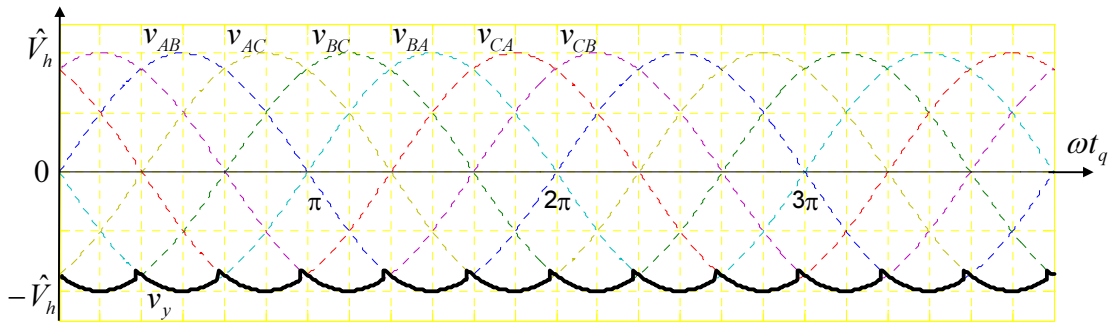




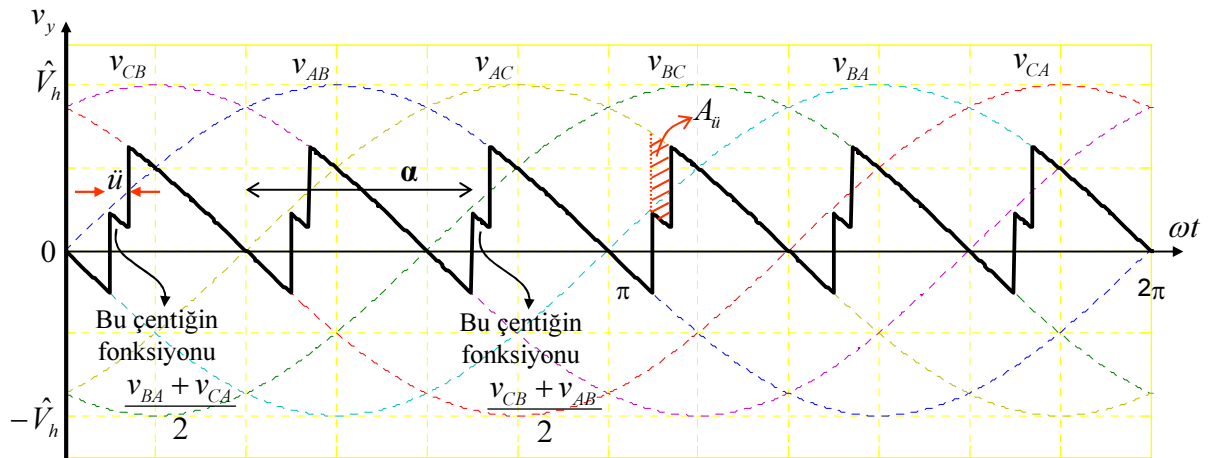
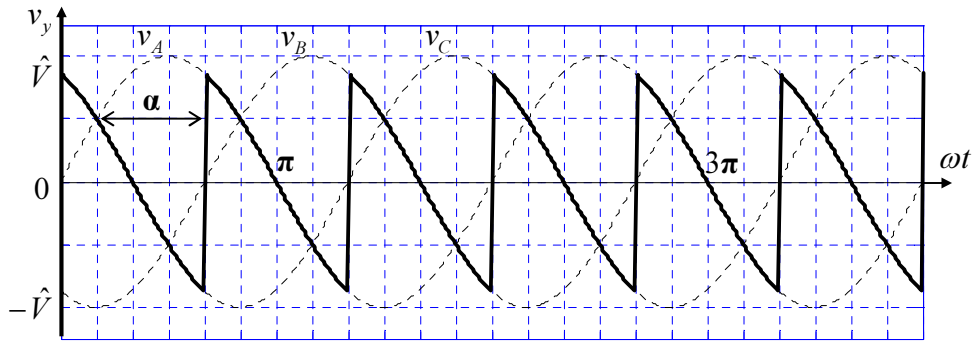
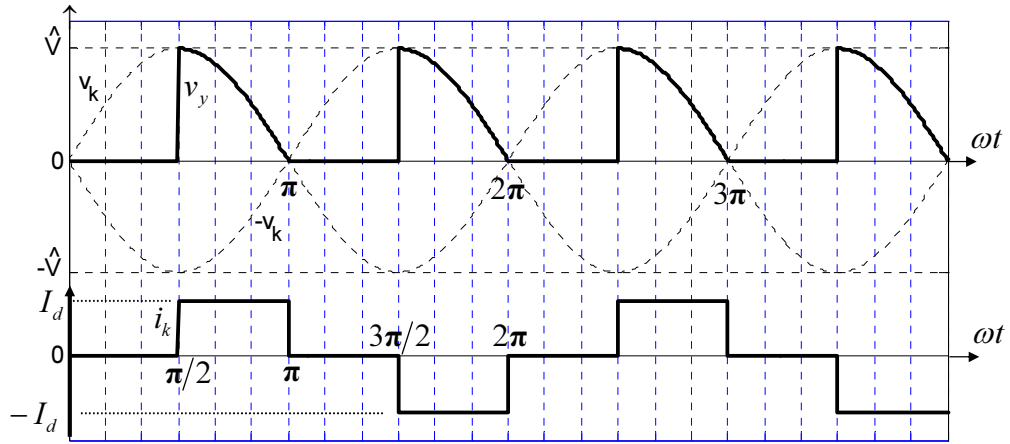




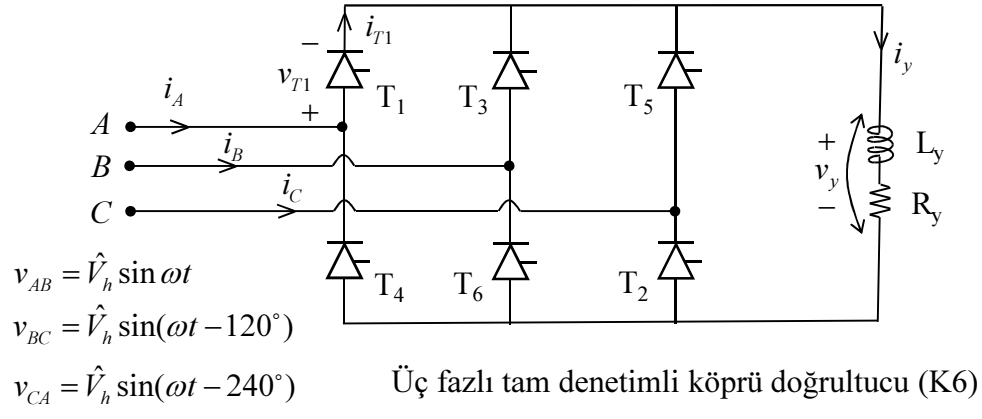
Kapasitif olmayan herhangi bir yük durumunda (sgd önemsiz) $\alpha \leq 60^\circ$ ($\alpha = 30^\circ$)

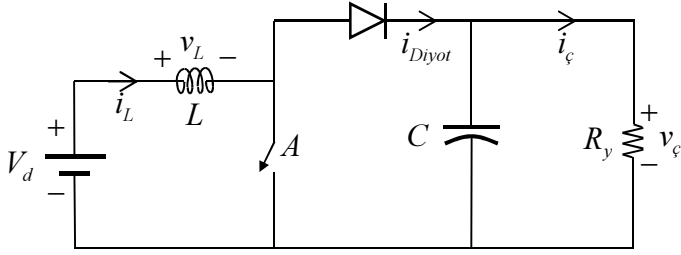


Tam süzölmüş akımlıda $\alpha = 180^\circ - \omega t_q$

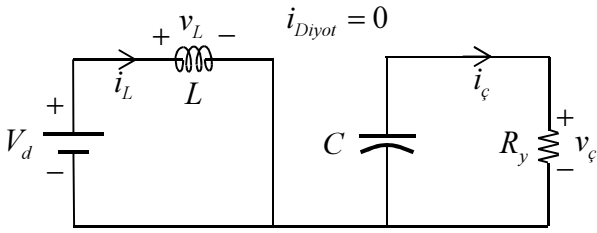


K6'da aktarım ihmal edilmeden, tam süzölmüş akımlı, $\alpha = 75^\circ$

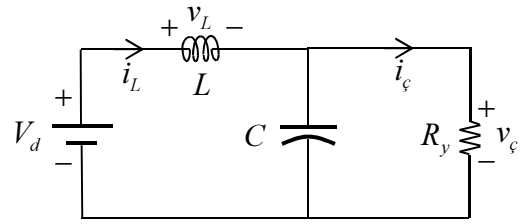




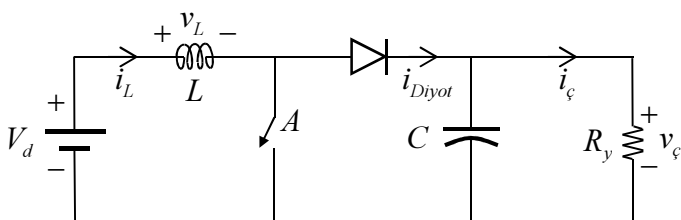
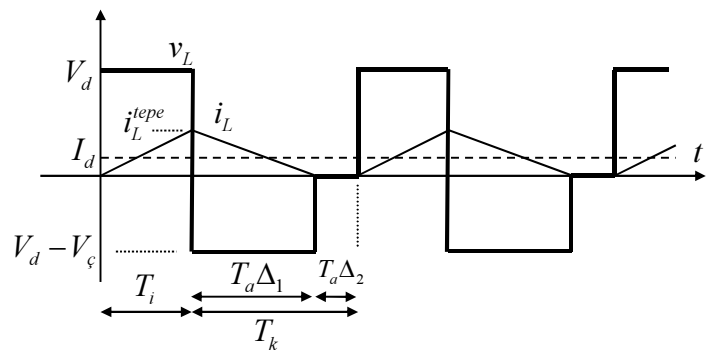
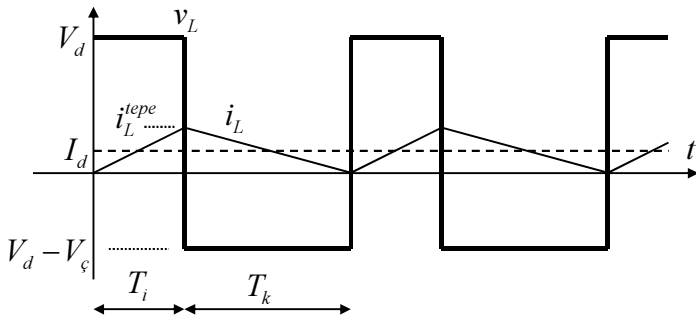
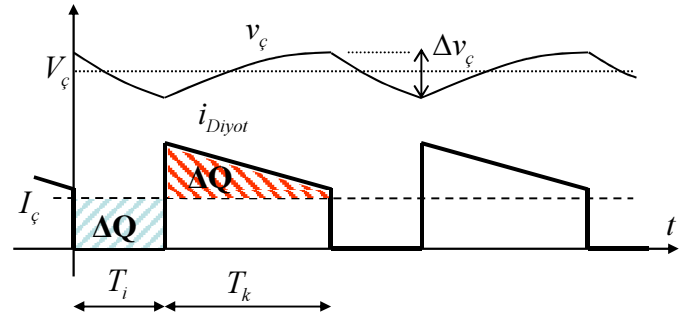
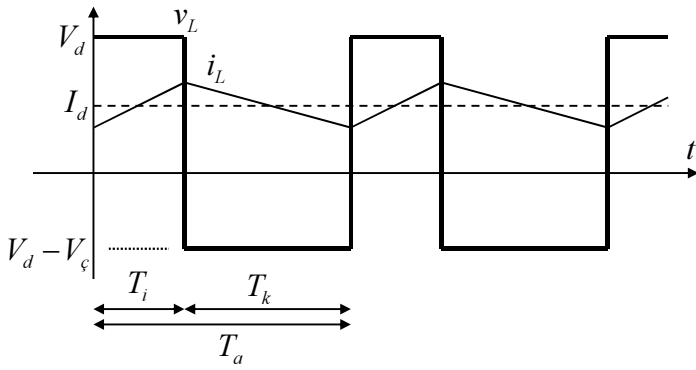
Yükseltici DC/DC çevirici



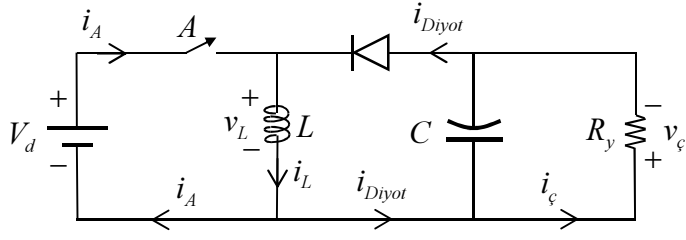
A anahtarı iletimdeyken devrenin eşdeğeri



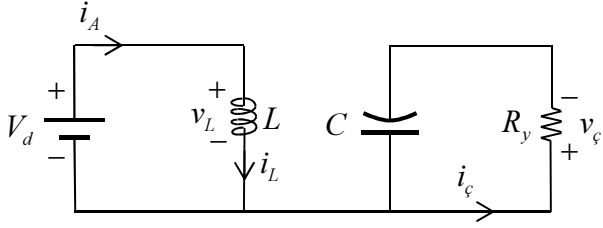
A anahtarı kesimdeyken devrenin eşdeğeri



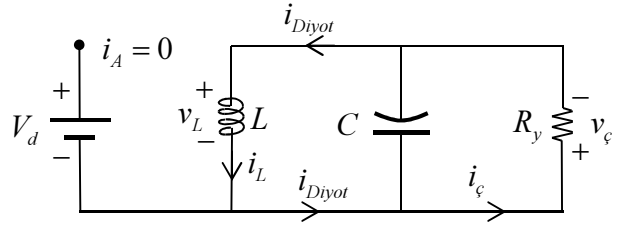
Yükseltici DC/DC çevirici



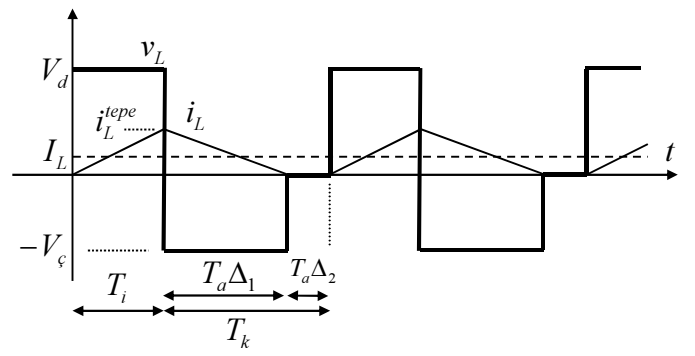
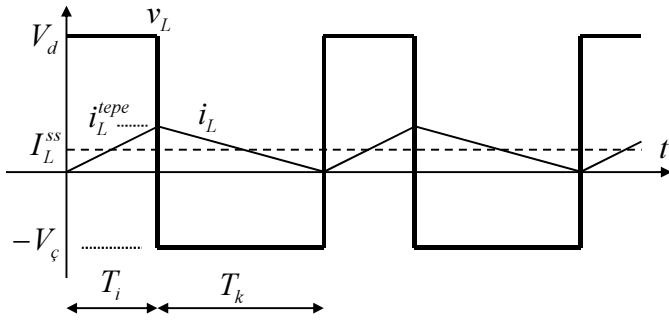
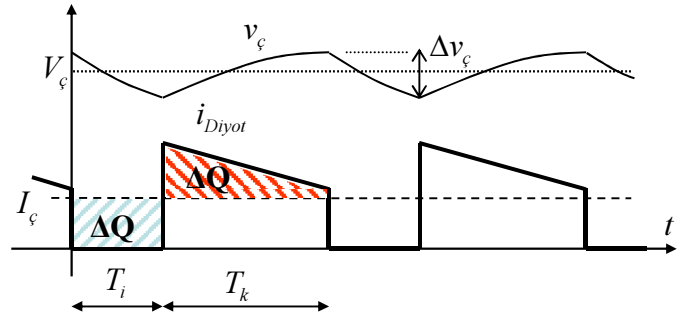
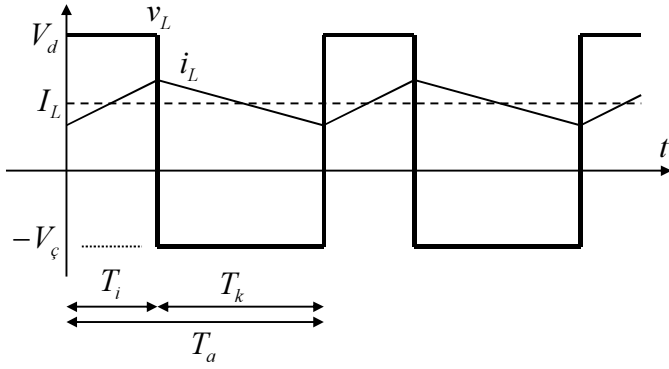
Alçaltıcı / Yükseltici DC/DC Çevirici

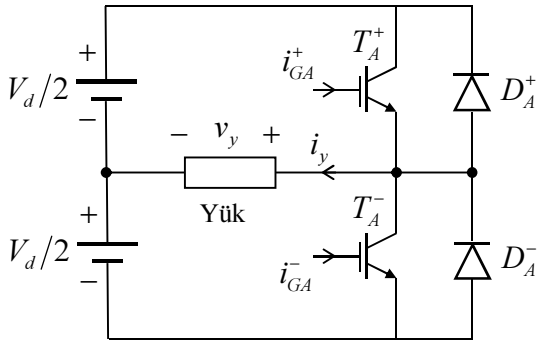


A iletimdeyken devrenin eşdeğeri

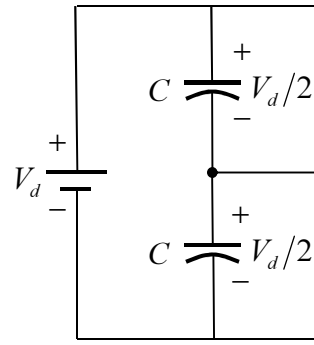


Alçaltıcı / Yükseltici DC/DC Çevirici

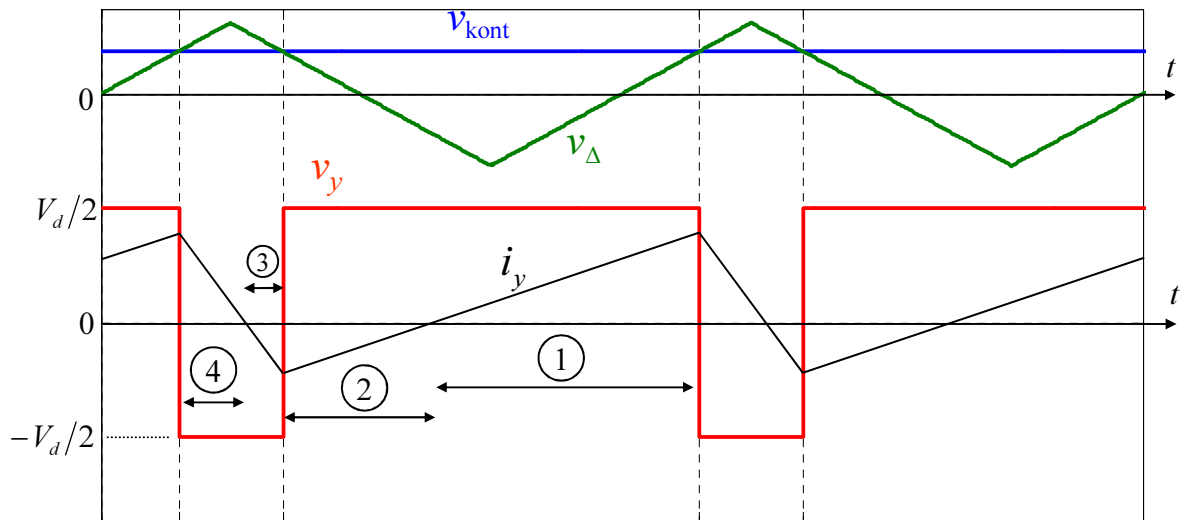
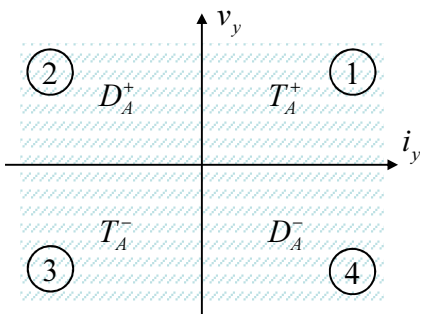
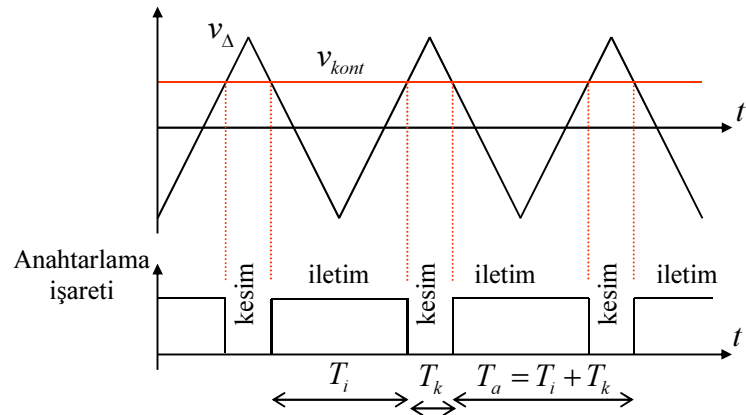
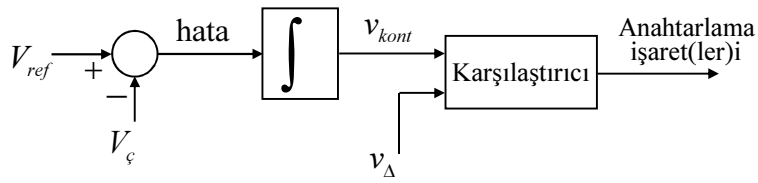


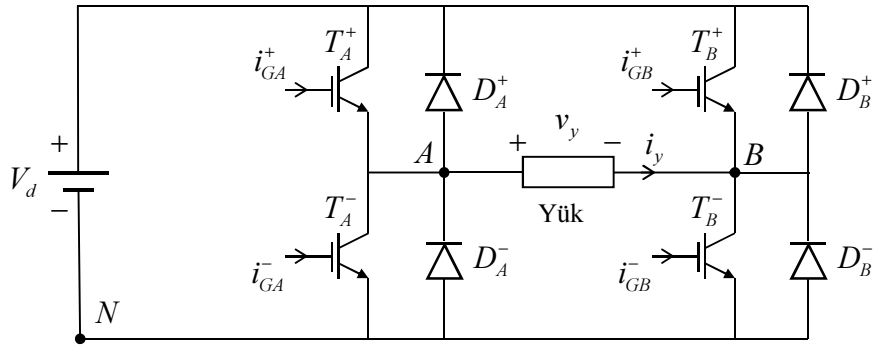


Yarım köprü DC/DC çevirici

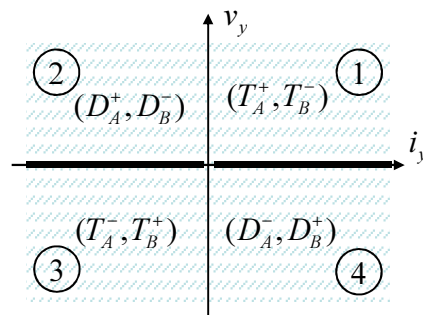
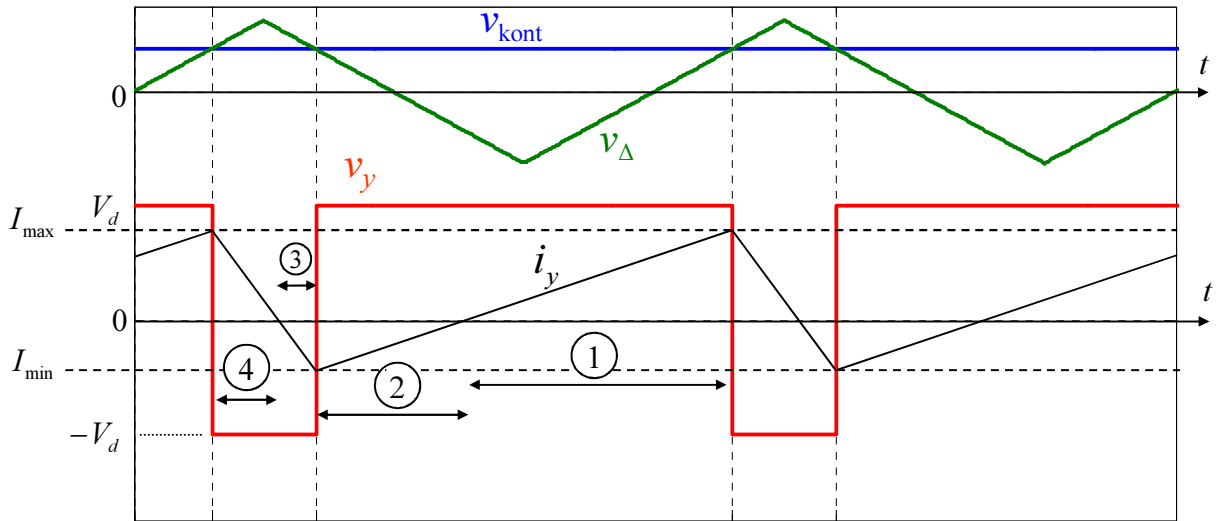
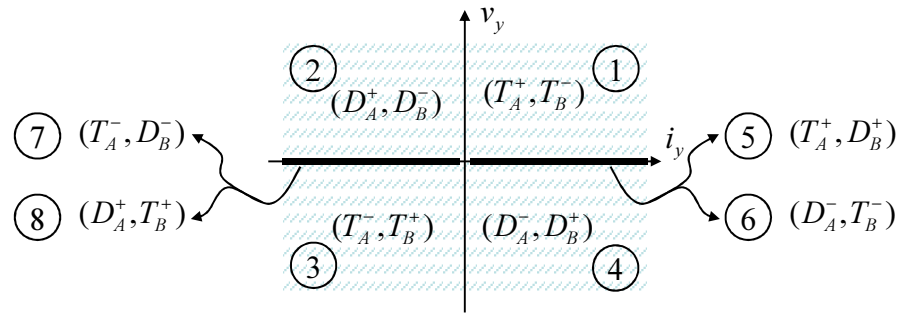


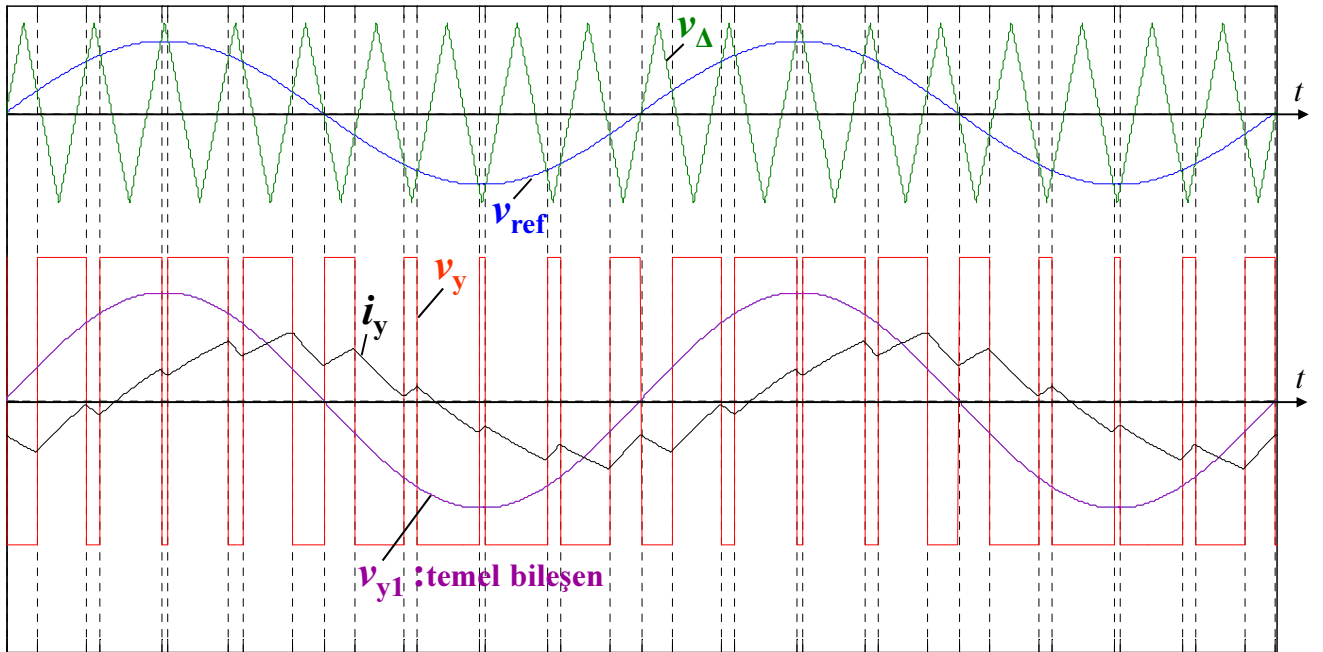
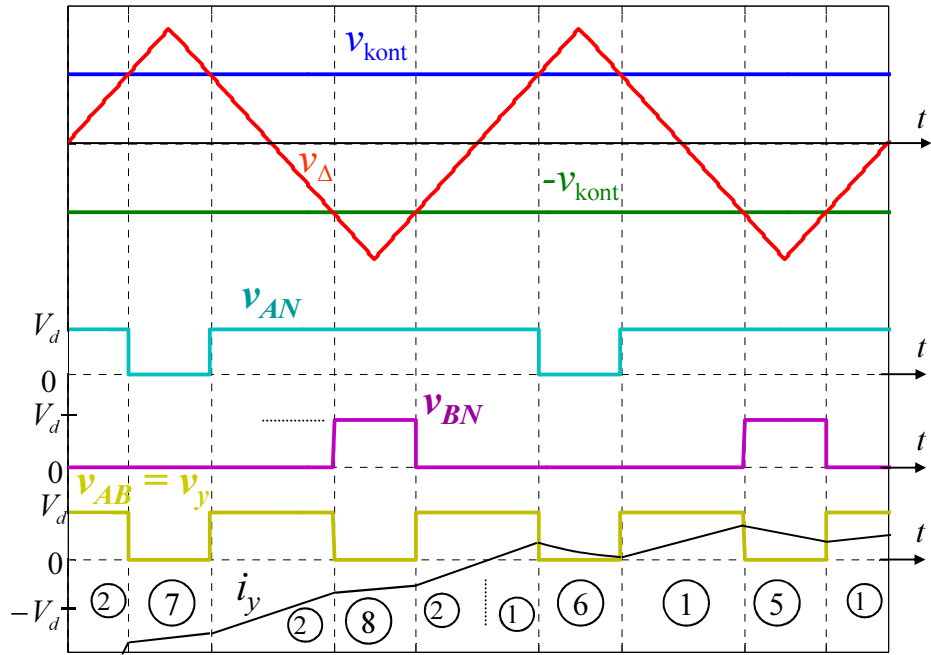
Tek DC kaynağın simetrik iki kaynak gibi kullanılması

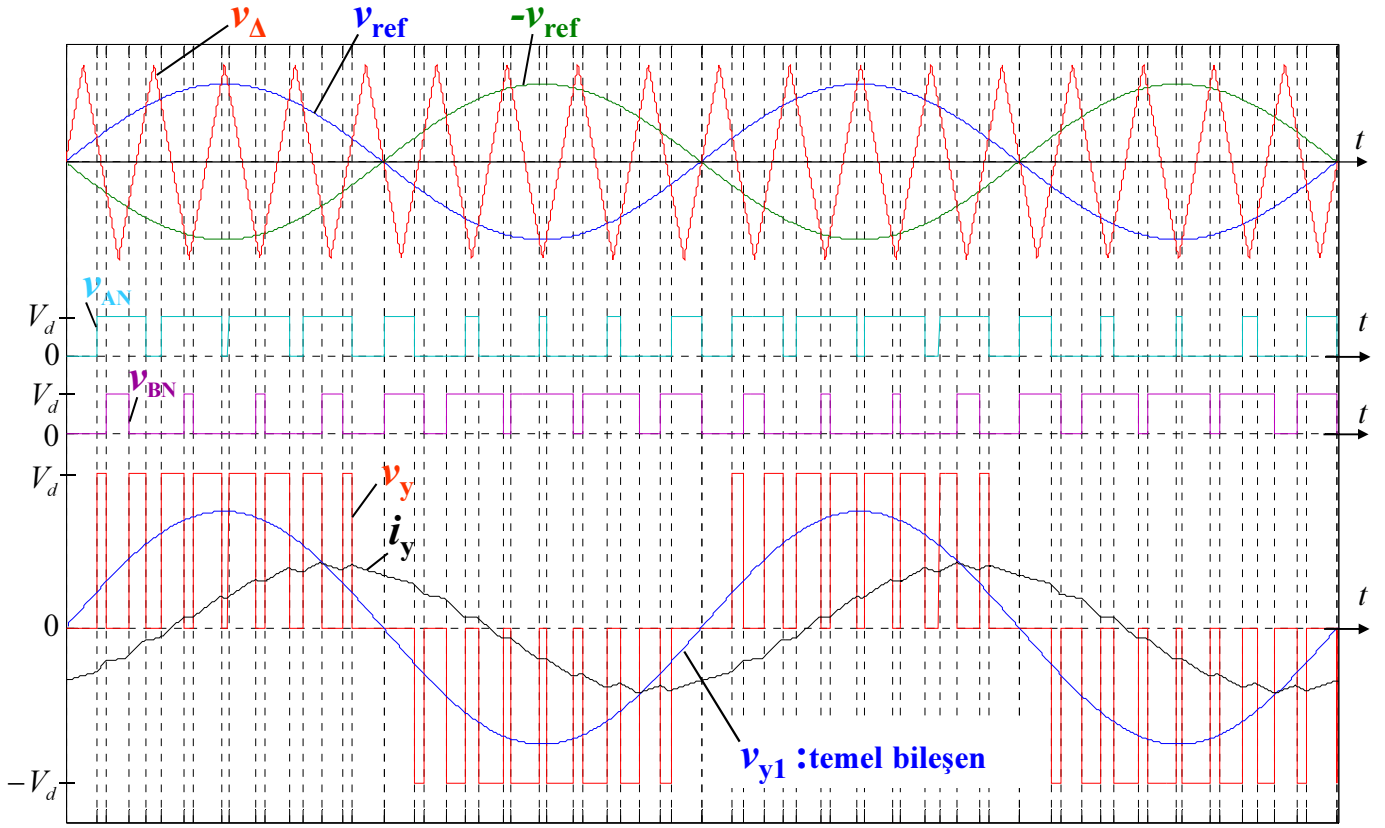




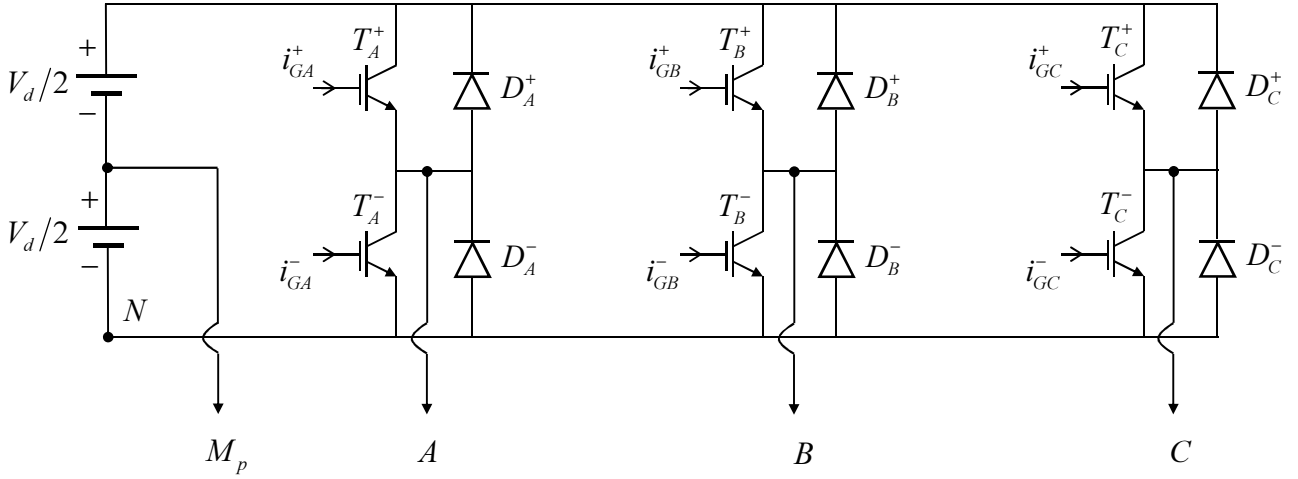
Tam köprü (H köprüsü) DC/DC çevirici



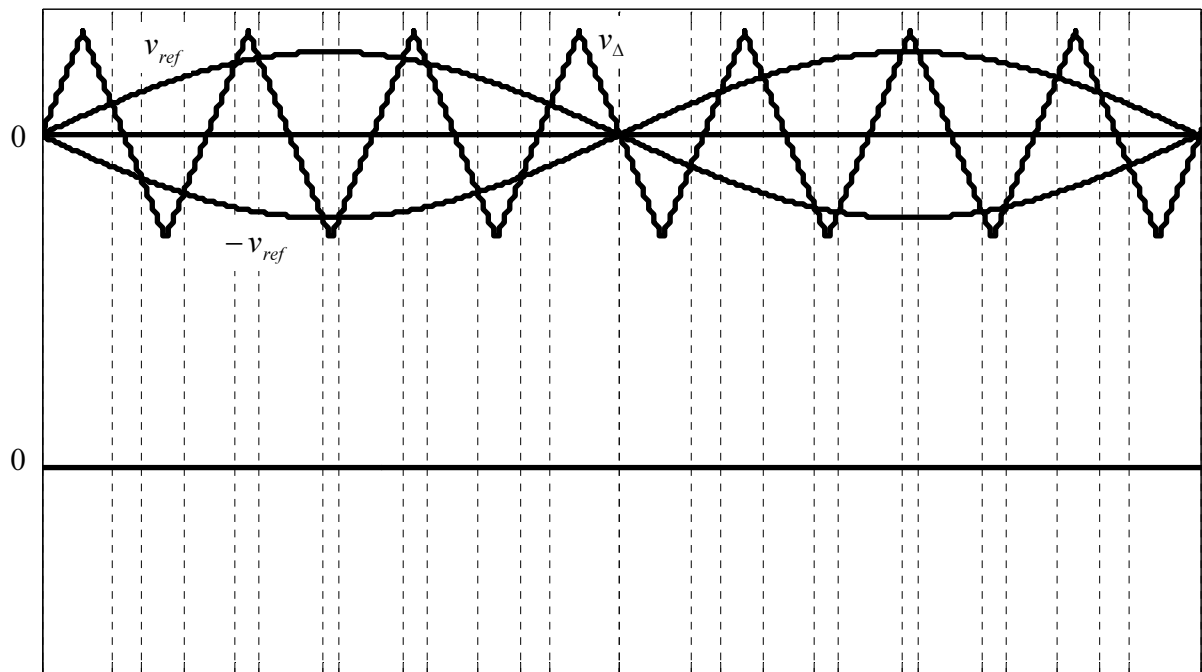
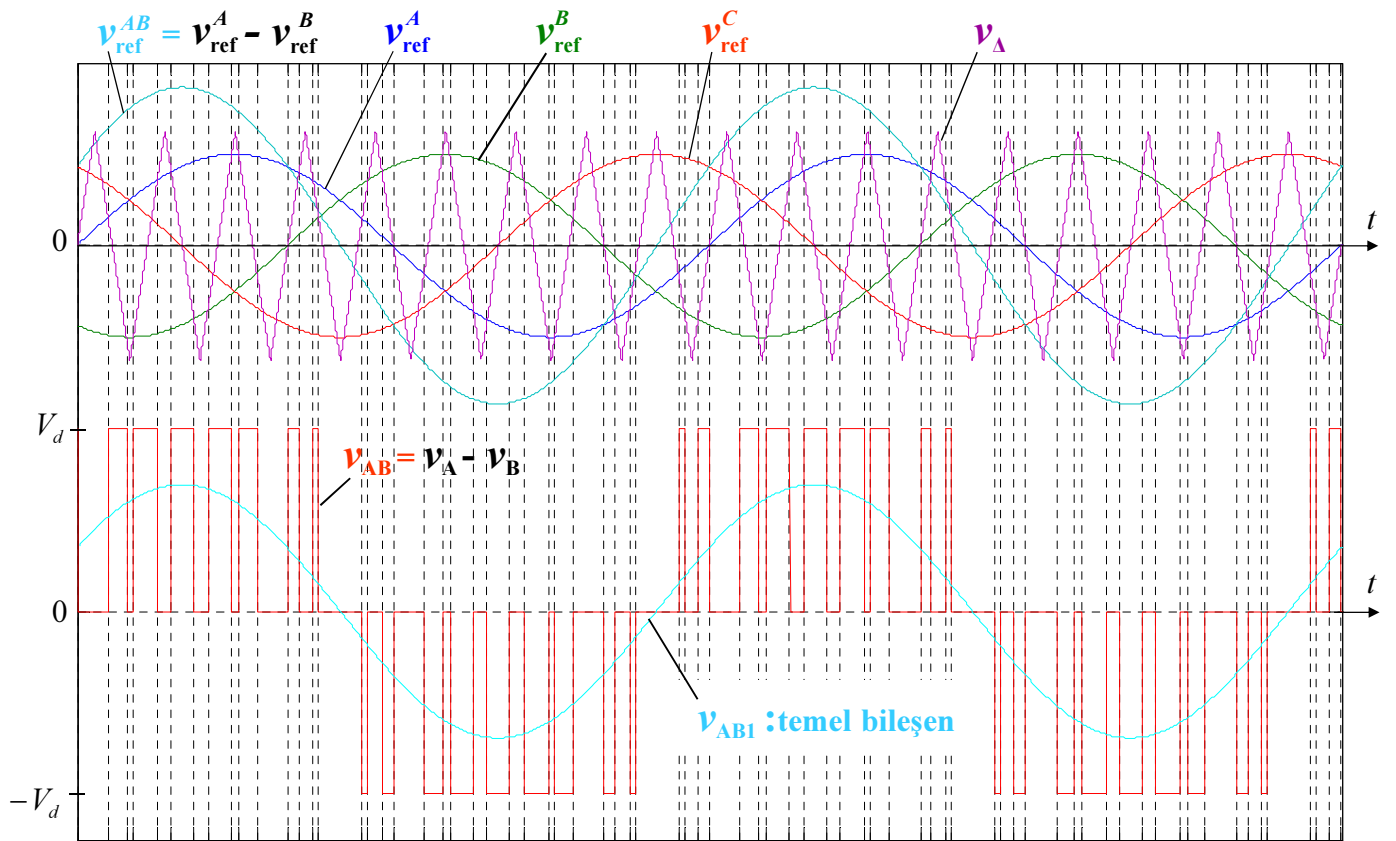


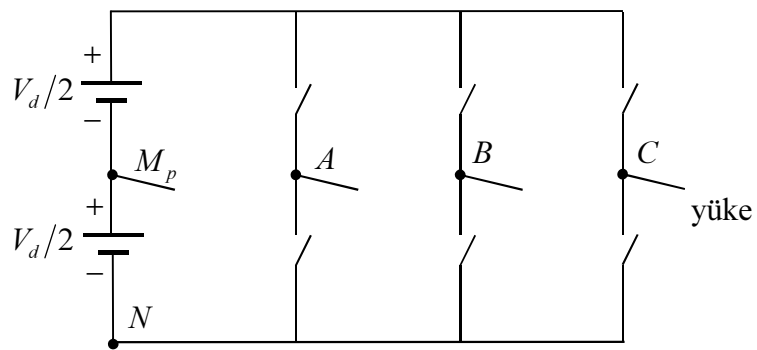
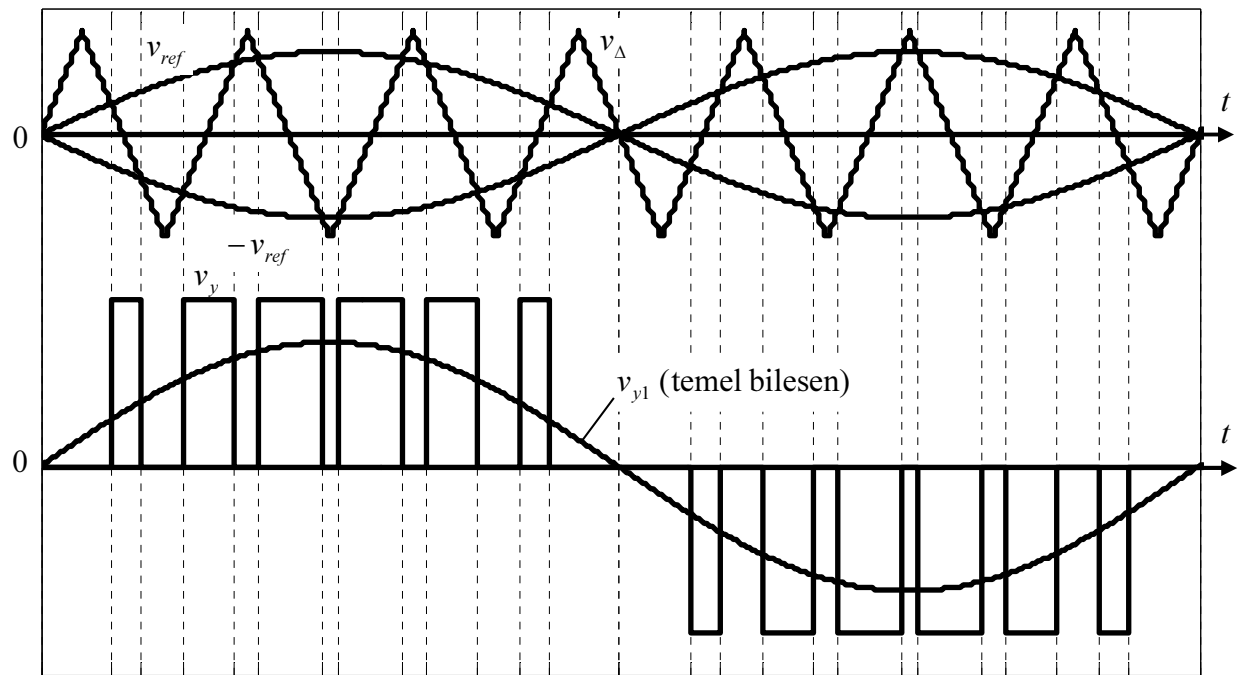


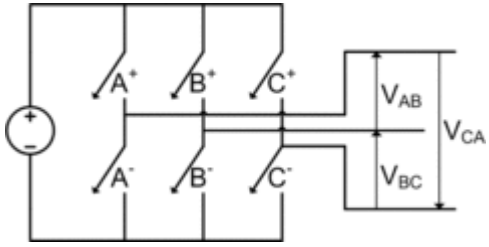
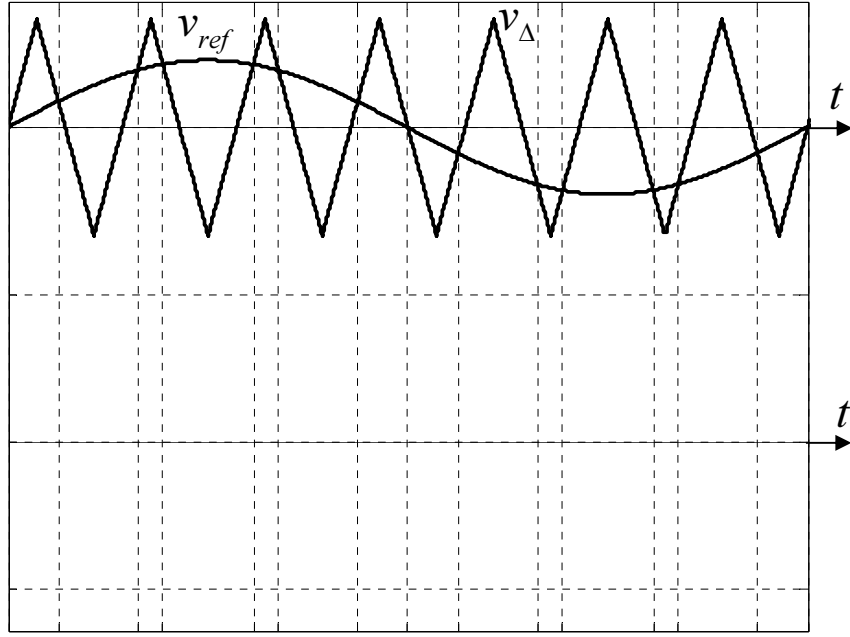
Üç fazlı köprü evirici



Yükün üç faz ve nötr uçlarına bağlanır (Nötr kullanılmazsa tek bir V_d kaynağı yeterli)







üç fazlı yük

