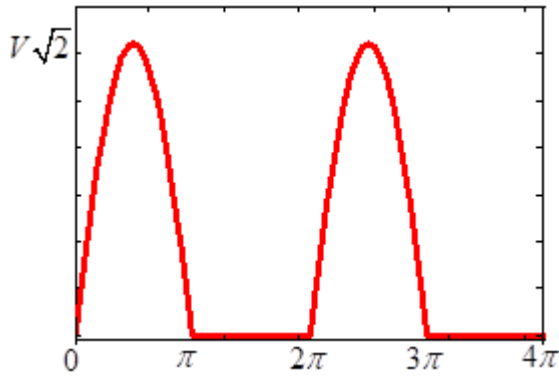


Exercice 01 :

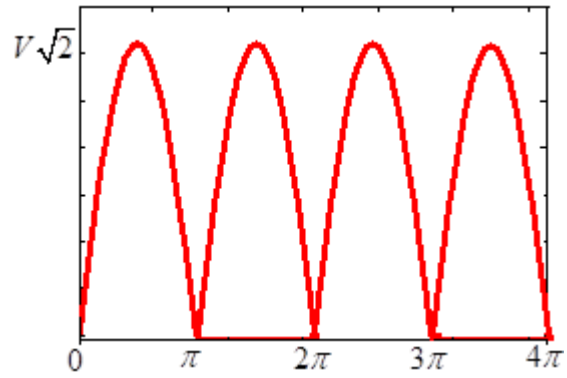
Déterminer les valeurs moyennes et efficaces des tensions périodiques, que l'on trouve dans les redresseurs commandés et non commandés : $V_s(\omega t) = V\sqrt{2} \sin(\omega t)$, $\omega t = 2\pi f$

α est l'angle de retard d'amorçage de thyristor.

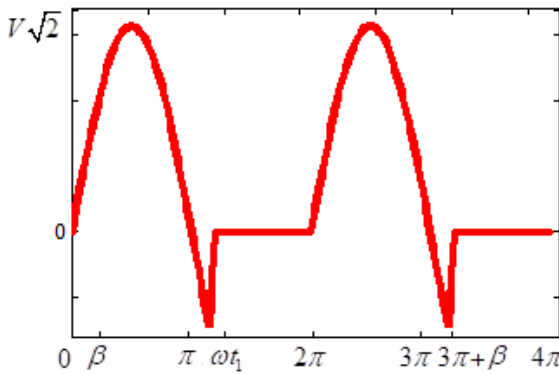
$\omega t_1 = \pi + \beta$ est l'angle correspondante à l'instant d'annulation de courant qui passe dans la charge.



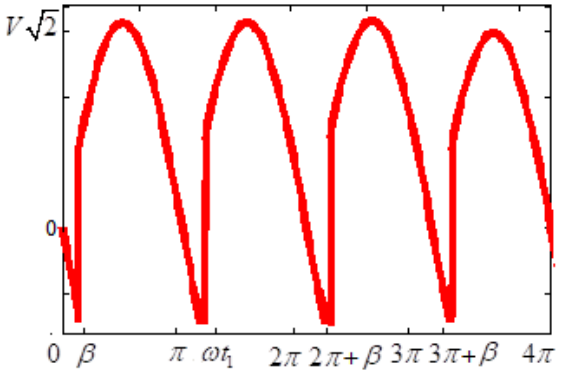
(a)



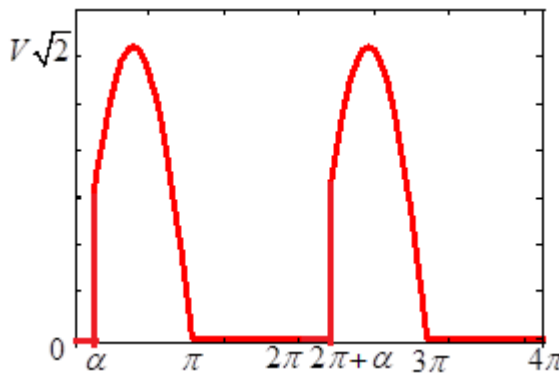
(b)



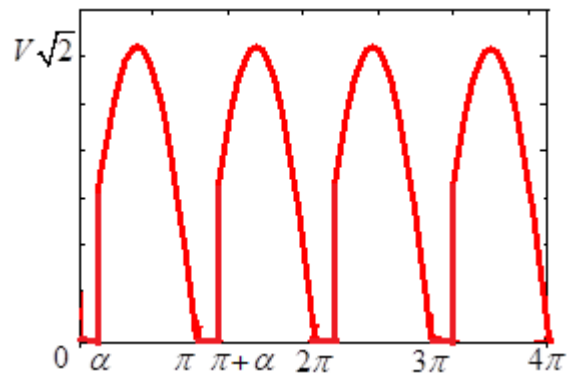
(c)



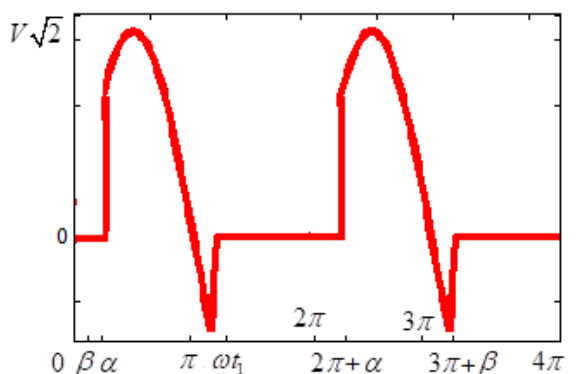
(d)



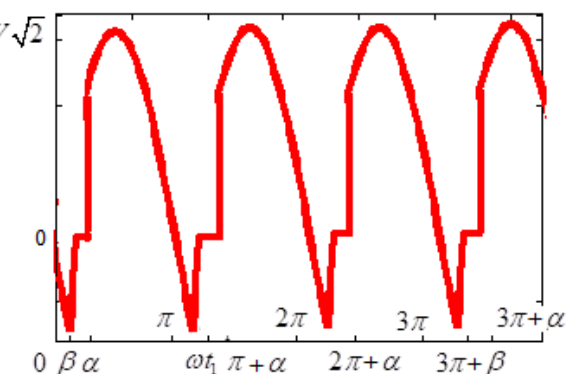
(e)



(f)



(g)



(h)