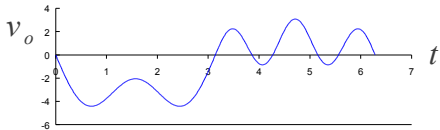


(ا)



(ب)

$$v_o = -4.109 \times v_s$$