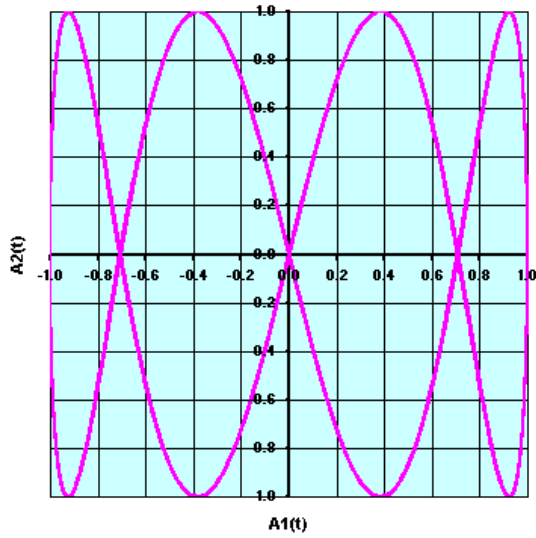
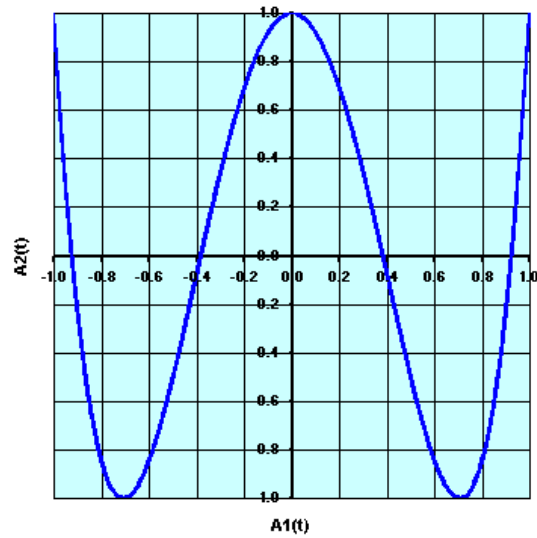


Frequency Ratio 4:1

$A_2(t) = A_{20} \sin(w_2 t)$ vs. $A_1(t) = A_{10} \sin(w_1 t)$
 $A_{20} = A_{10} = 1.0, f_2/f_1 = 4/1 = 4.0000000$



$A_2(t) = A_{20} \cos(w_2 t)$ vs. $A_1(t) = A_{10} \sin(w_1 t)$
 $A_{20} = A_{10} = 1.0, f_2/f_1 = 4/1 = 4.0000000$



$A_{tot}(t) = A_1(w_1 t) + A_2(w_2 t)$ vs. $(w_1 t)$
 $A_{20} = A_{10} = 1.0, f_2/f_1 = 4/1 = 4.0000000$

