Classical Mechanics

Answer Sheet – Homework Set 4

Questions beginning with **** do not have answers on this sheet.

23 s

34.5 s

46 s

$$\frac{F_o}{m\omega_o\left(\omega_o^{\ 2}-\omega^2\right)}\left(\omega_o \sin\omega t-\omega\sin\omega_o t\right)$$

$$-\frac{F_o}{2m\omega_o^{\ 2}}\left(\omega_o t\cos\omega_o t-\sin\omega_o t\right)$$