

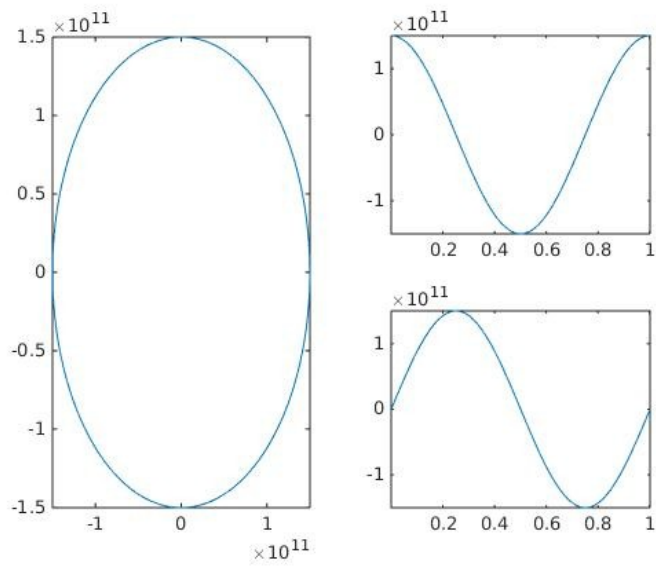
prob1

ans:

(b)

$v_c = 29830.275448 \text{ (m/s)}$

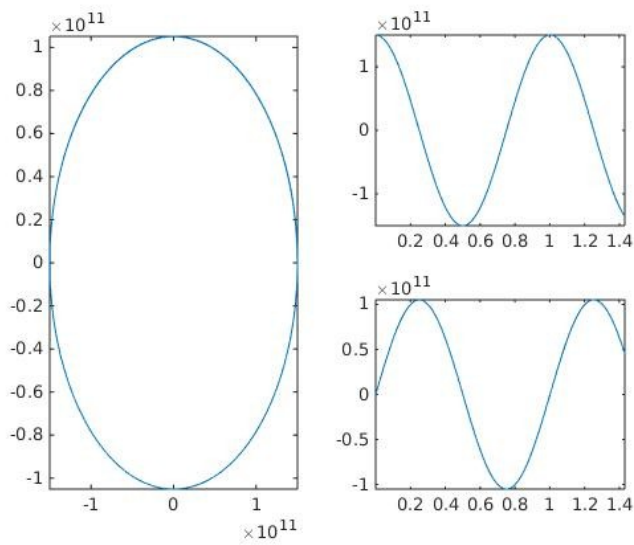
(c)



(左圖為 x-y 圖, 右上圖為 x-t 圖, 右下圖為 y-t 圖)

$T=1.001861(\text{year})$

(d)



(左圖為 x-y 圖, 右上圖為 x-t 圖, 右下圖為 y-t 圖)

$T=1.431229(\text{year})$

(e)

error = 0.000813

(f)

prob2

I haven't finished yet, just do (a) and (b), and just have code...