

Assignment 4: Results/Description

Problem 1

(a)

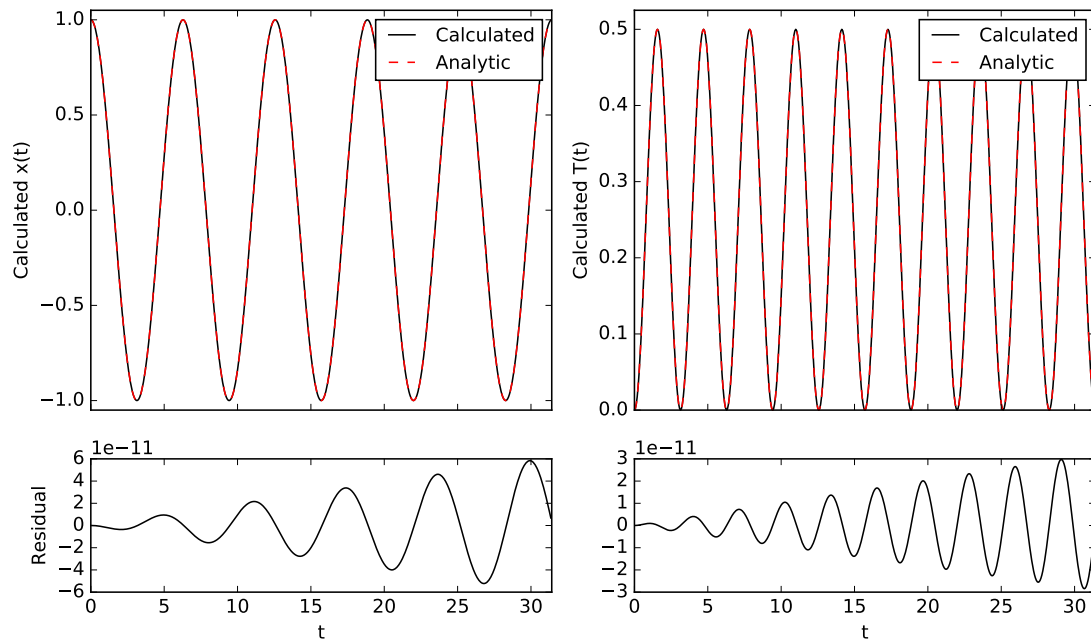


Figure 1: Solution using the ODEInt (BS) method.

(b)

(c)

(d)

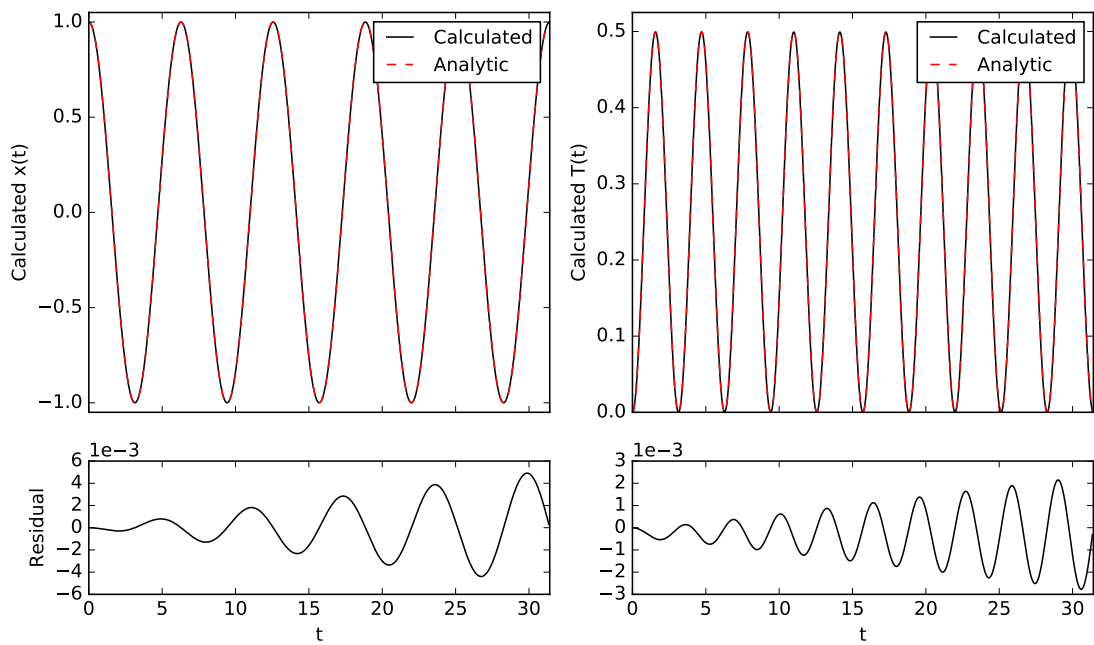


Figure 2: Solution using the Leapfrog method.

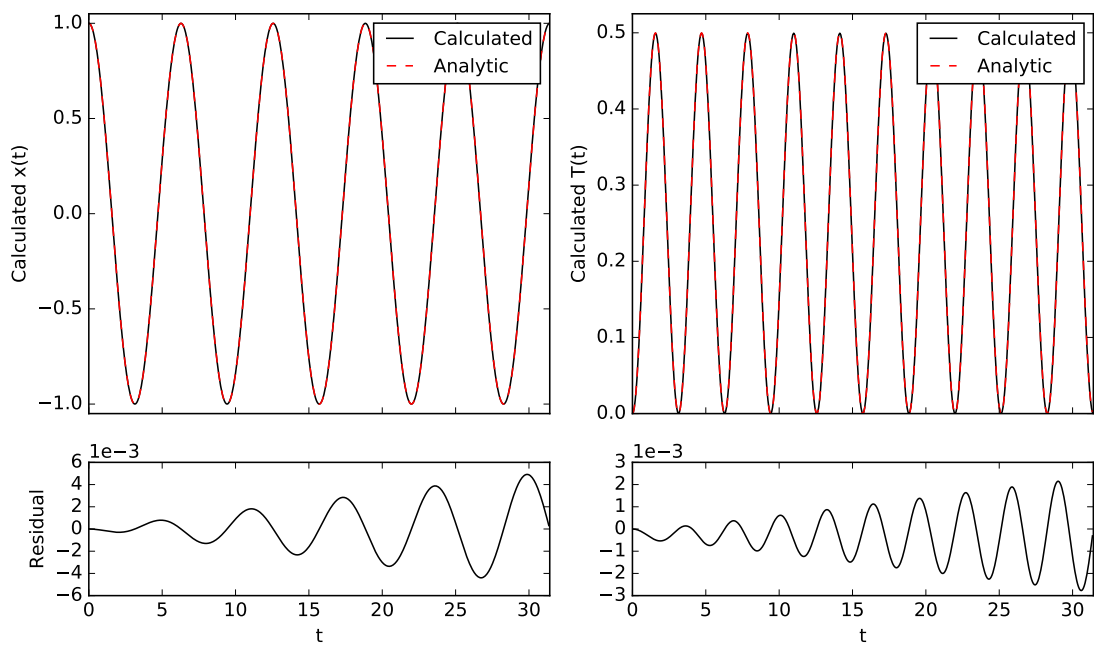


Figure 3: Solution using the Velocity Verlet method.