Title template

Gabriel Smadi
College of Engineering, Physics Department,
Syracuse University,
gsmadi@syr.edu

February 1, 2017

Abstract

Abstract goes here.

1 Introduction

This section's content...

2 Content

This section's content...

$$x = B\cos(\omega t) \tag{1}$$

$$v = -\omega B\cos(\omega t) \tag{2}$$

$$a = -\omega^2 B\cos(\omega t) \tag{3}$$

Figure 1 shows a graph of the position of a particle. Equation 1 is the position of the particle.

Figure 2 shows a graph of the velocity of a particle. Equation 2 is the velocity of the particle.

Figure 3 shows a graph of the acceleration of a particle. Equation 3 is the acceleration of the particle.

3 Conclusion

This section's content...

References

[1] Leslie Lamport, *LaTeX: A Document Preparation System*. Addison Wesley, Massachusetts, 2nd Edition, 1994.

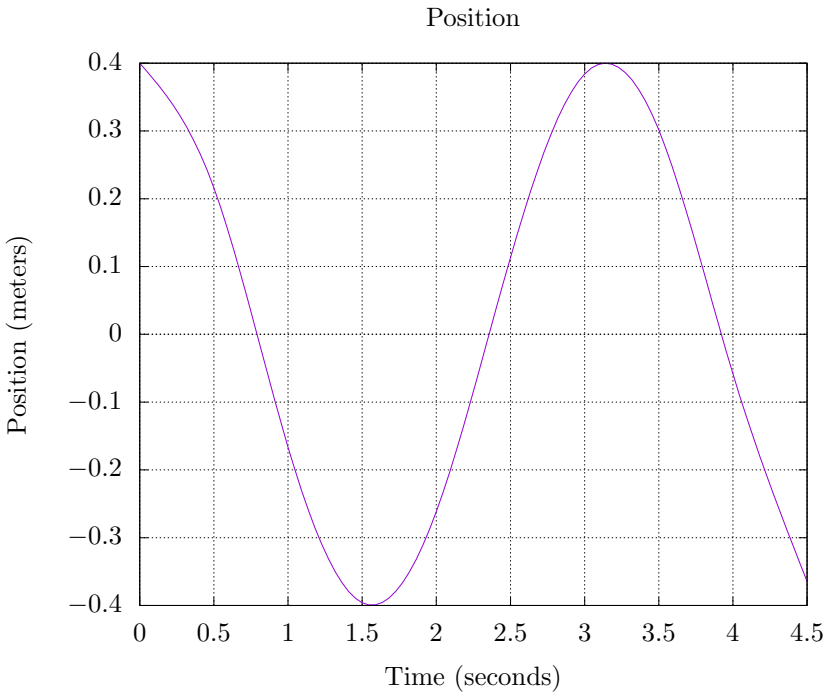

Figure 1: Position

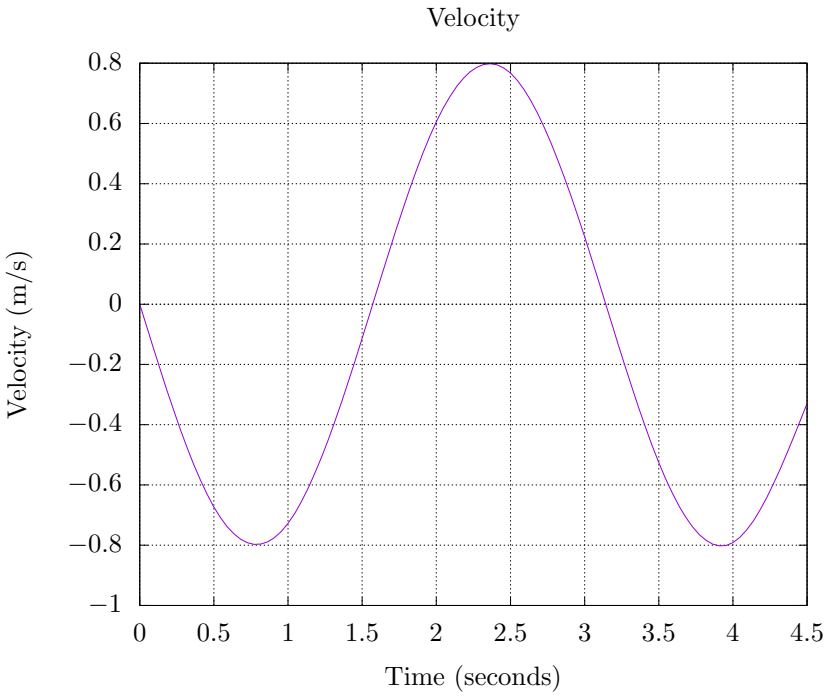

Figure 2: Velocity

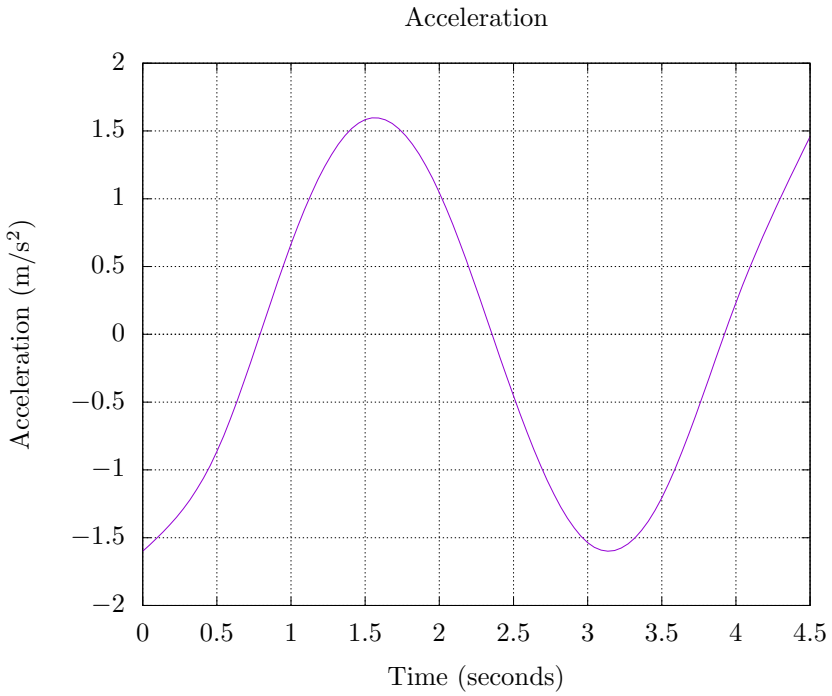

Figure 3: Acceleration