Physics Lessons

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Details

Description

This module contains exercises to teach a range of physics concepts. These materials are a subset of course materials from *Engineering Models* that is taught to hundreds of high school students in conjunction with the University of Cincinnati as a dual enrollment course.

Contents

Topics

- Damped Vibrations
 - Exercises: Damped Sinusoidal Motion
- RC Circuits
 - Exercises: Capacitor Charging in RC Circuit
- Resultant Force
 - Lecture: Forces and Resultant Force
 - Exercises: Calculating and Plotting Resultant Force
- Simple Harmonic Motion
 - Exercises: Sinusoidal Functions and Simple Harmonic Motion



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