

PHYS2063 Wave Physics Homework #8 Due Tuesday 20 Sep 2022

This homework assignment is due at the start of class on the date shown. You may submit a PDF of your solutions to the Canvas page for the course, or bring a paper copy to class.

Make plots of the first three fundamental modes of a stretched string of length L . Give all three modes the same amplitude.

This is a simple exercise. However, I strongly encourage you to solve it with MATHEMATICA. We will be building on this when we do more work to understand standing waves on a stretched string. Those exercises will be much easier using MATHEMATICA, and this exercise is the starting point.