

## Worksheet 04/08

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Today we will discuss forced periodic vibrations.

### To do List

1. Check solutions to worksheet (04/06)
2. Watch the videos on the introduction to forced periodic vibrations, beats and resonance and take detailed notes.
3. Watch the MIT video on resonance.
4. Read the Forbes article on the Tacoma bridge and resonance.

**NOTE:** I will not collect the worksheet problems. These problems are meant to check your understanding and generate questions to ask me during office hours if you get stuck.

### Objectives

By the end of this lecture you should be able to

1. Understand resonance and beats

### Problem

There are no problems today. Continue working on the homework.

### Reading

Pages 159-167.