

## FOURIER ANALYSIS & METHODS GOALS FOR 2020.02.14

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### 1. LEARNING OBJECTIVES

Our goals for today are that:

- (1) You will be able to solve PDEs which have a time *dependent* inhomogeneity.
- (2) You will be able to convolve functions.
- (3) You will be able to define the Fourier transform of a function.

Ready, set, let's go!