



## beamer-purdue

A Beamer template inspired by the Purdue Visual Identity

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# Overview

▶ Part 1: *Examples*

▶ Part 2: *Plots*

# Hello!

This is the beamer-purdue Theme. A Beamer template inspired by the Purdue Visual Identity.

An itemized list looks as follows:

- ▶ Item 1
- ▶ Item 2

The continuous-time Fourier Transform of a signal  $x(t)$  is defined as

$$X(\omega) = \int_{-\infty}^{\infty} x(t)e^{-j\omega t} dt \quad (1)$$

# A Theorem in a Box

## Theorem

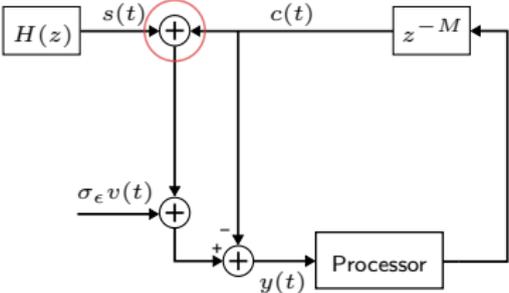
*The Bessel functions of the first kind  $J_\nu(x)$  are the solutions to the Bessel differential equation*

$$x^2 \frac{d^2 y}{dx^2} + x \frac{dy}{dx} + (x^2 - \nu^2) y = 0. \quad (2)$$

*Proof:* Omitted. ■

# Figures

We can include graphics just like we are used to, for example this block diagram of an noise-canceling system:



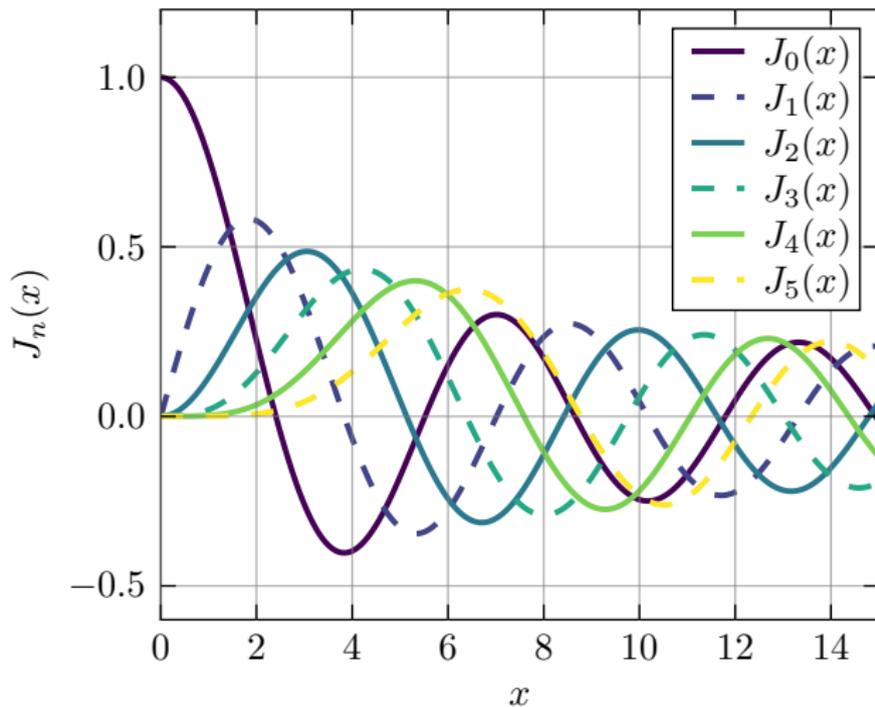
# Plotting is fun!

On the following pages, we include two examples on how to include plots:

1. A PDF plot
2. A PGF/TikZ plot

PDF plots are nice, but nothing beats the native look of PGF/TikZ. The source code to generate both plots can be found in `extra/plot_bessel.py`

# A PDF Plot



## A PGF/TikZ Plot

