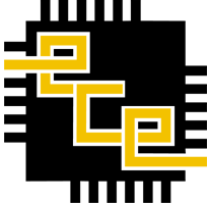

beamer-purdue

A Beamer template inspired by the Purdue Visual Identity

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May 19, 2016

PURDUE UNIVERSITY™

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

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

A Theorem in a Box

Theorem

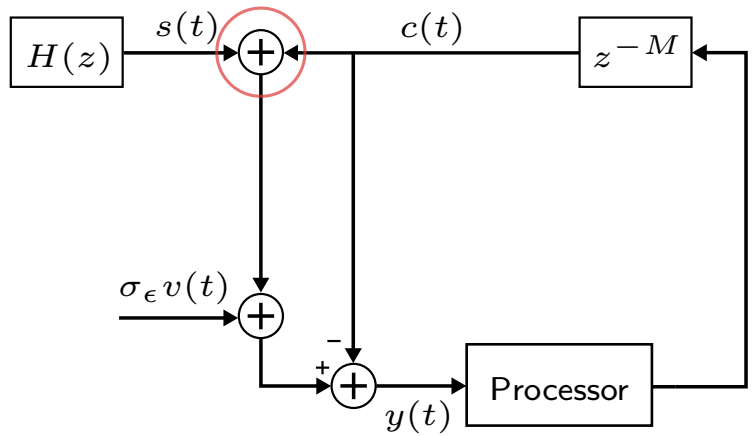
The Bessel functions of the first kind $J_v(x)$ are defined as the solutions to the Bessel differential equation

$$x^2 \frac{d^2 y}{d x^2} + x \frac{d y}{d x} + \left(x^2 - v^2\right) y = 0. \tag{2}$$

Proof: Omitted. ■

Figures

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



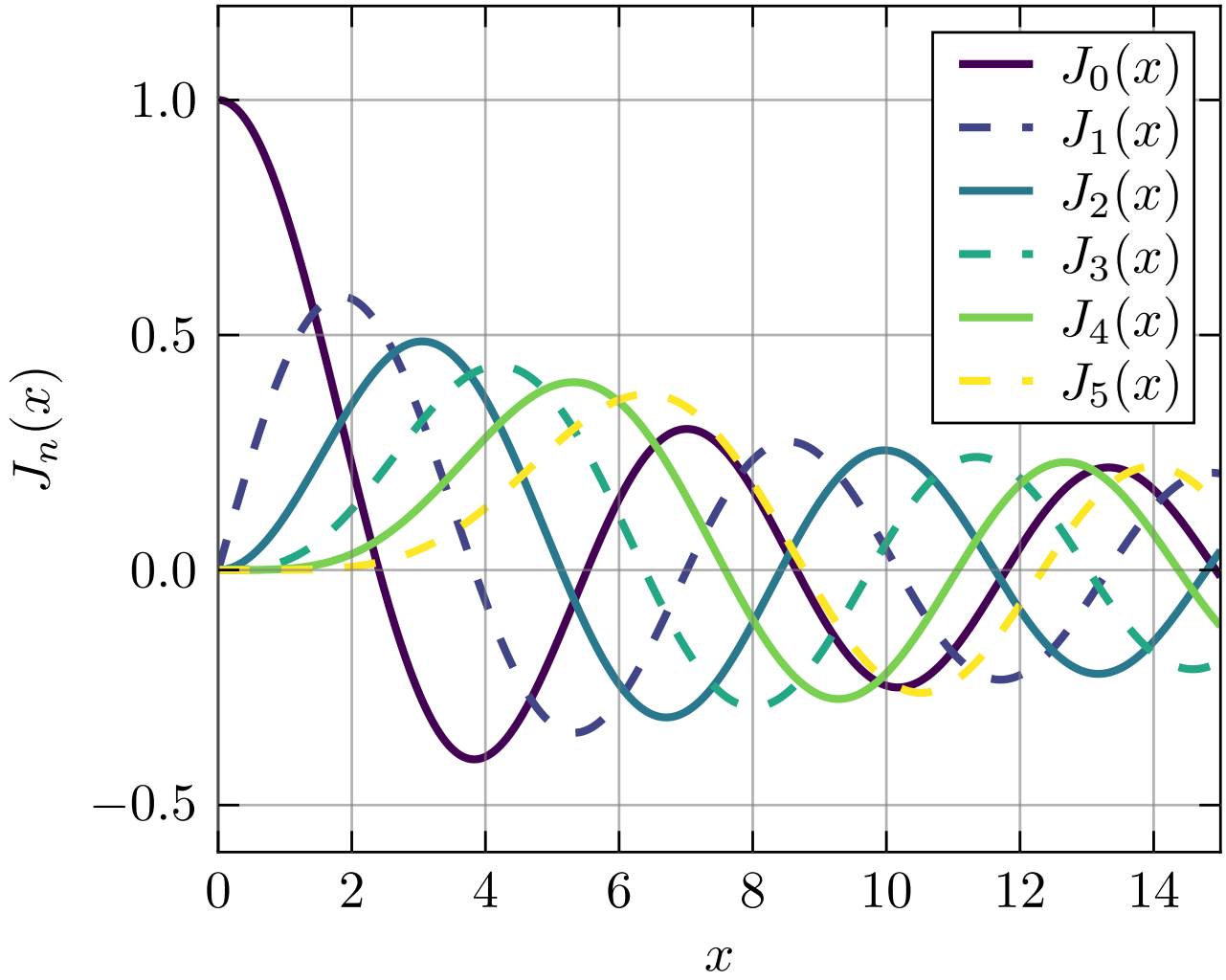
Plotting is fun!

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

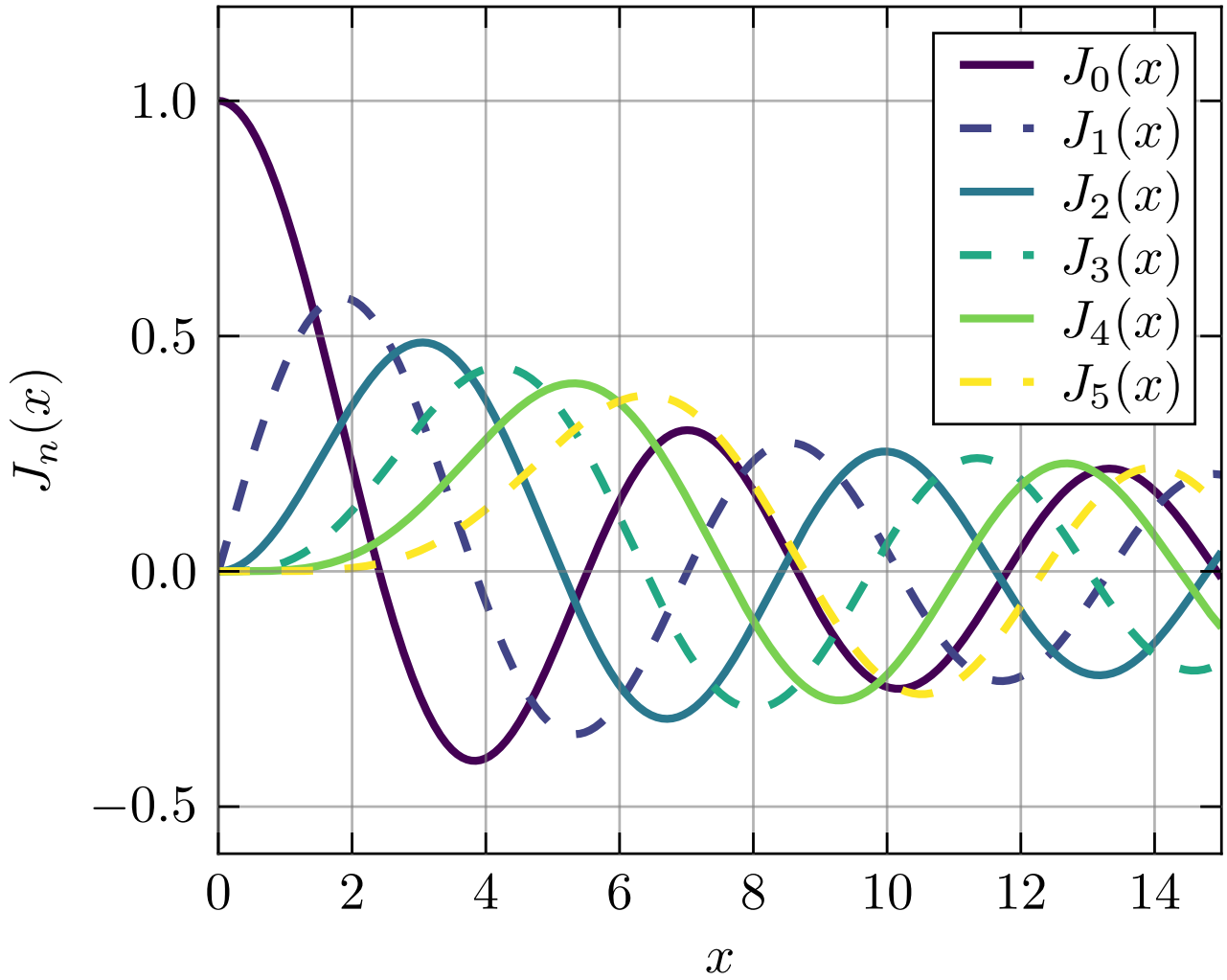
1. A PDF plot
2. A PGF/TikZ plot

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



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