PURDUE ENGINEERING

THE CLIMATE CORPORATION

OATS
Open Agriculture Technology and Systems

beamer-purdue-oats

A Beamer template for Purdue OATS

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Overview

- Part 1: *Examples*
- Part 2: *Plots*

Hello!

The `beamer-purdue-oats` template

This is the `beamer-purdue-oats` Theme.
An itemized list looks as follows:

- Item 1
- Item 2

A Theorem in a Box

Theorem

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

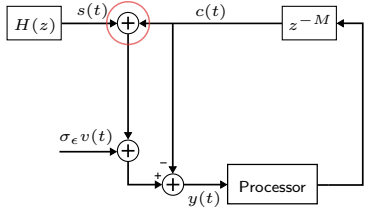
A Definition in a Box

State-Space Representation

A state-space representation is a mathematical model of a physical system as a set of input, output and state variables related by first-order differential equations or difference equations.

Figures

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



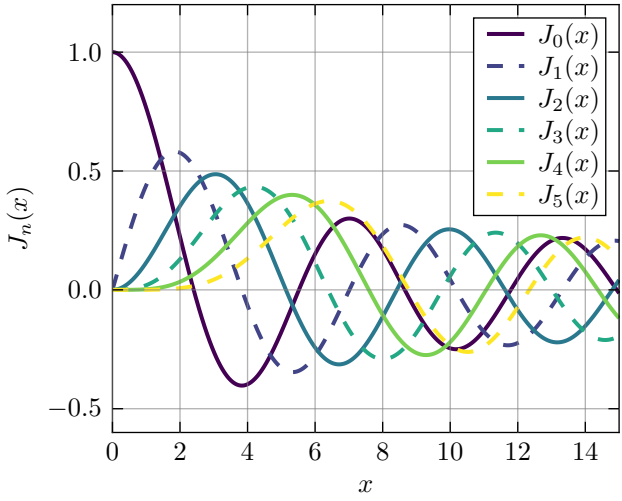
Plotting is fun!

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



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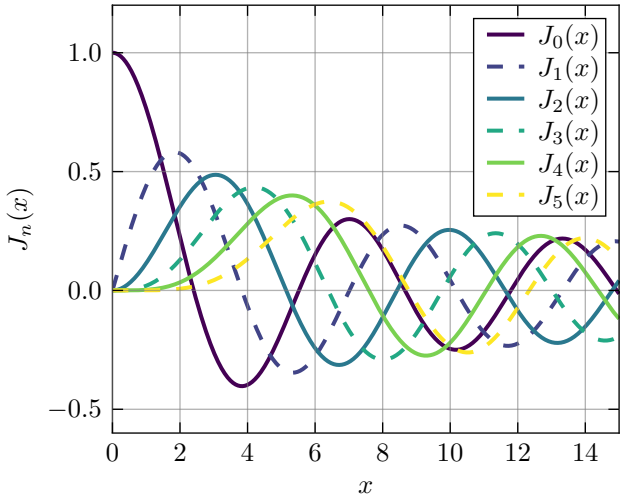
A PGF/TikZ Plot



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