Visualization Project
Due: May 21, 2018

For this project, we are going to develop a simple visualization that will aid in understanding concepts from this course. The visualization could take the form of a brief video, an animated gif, an infographic, or an informative, high-resolution plot.

If you have an idea but don't know how to implement it, let me know and I can suggest some methods. I'd like to post your animations/graphics on the course website with a credit to your name. You may find that others like your work and want to share it. I'd also encourage you to share it to your own personal website if you have one.

This project will count for 10% of your final grade. The grading rubic is as follows:
Originality - 10%
Quality - 50%
Complexity - 40%

Some generic ideas are listed below:

Changing the values of a variable in a mathematical equation and creating a gif that loops over those changes.

Creating a movie that illustrates how a particular mathematical operation or signal processing technique is performed.

Outlining a physical process or a timeline using an infographic or cartoon.

Visualizing a large parameter space in a new and informative way.

Creating an infographic or cartoon that brings together data that might be spread over multiple publications or resources.

Creating a webpage that allows users to render new graphics given a set of input parameters.