

Formalia

1 General

- All chapters have an introduction section.
- Citations are noted at the start of a chapter, and are always placed after a period.
- Citations in environments are located at the bottom right corner, achieved by “`\hfill\qedsymbol`” in a new paragraph.
- All definitions and theorems have titles, but proofs and examples do not.
- A proof always follow a theorem.
- Environments, figures, and tables begin with a capital letter when referenced.

2 Python

Code is written in accordance to `pep8` also called `pycodestyle 2.5.0`.

Plots generated in Python follow these criteria:

- Figure size for one plot: `“plt.figure(figsize=(16, 9))”`.
- For subplots one row is used with x rows where each row requires a height of 4: For a plot with 3 subplots the code snippet is `“plt.figure(figsize=(16, 12))”`.
- Axes are labeled and use fontsize 14: `“plt.xlabel("x-axis [UNIT]", fontsize=14)”`.
- Legend is used when one or two graphs are plotted in one plot.
- No title.
- No grid, unless it serves a specific purpose.
- The standard colours for data is blue and red. Processed data is black.
- For data the plot style is pixels: `“plt.plot(x, y, 'b,')”`.