LATEX Figures using
TIKZPICTURE, PGFPLOTS & OVERPIC

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Abstract

Some examples of how the packages `tikz`, `pgfplots` can be used to create fully vectorized graphics directly in the latex document. An example of how a flow chart can be generated in latex is also given. It combines the packages `tikz` and `overpic` and shows how to overlay/embed intrinsic latex text onto images created elsewhere.

Figure 1, is the first example illustrating how to graph analytical functions with `tikzpicture` directly in latex. and how to colourise and label them.
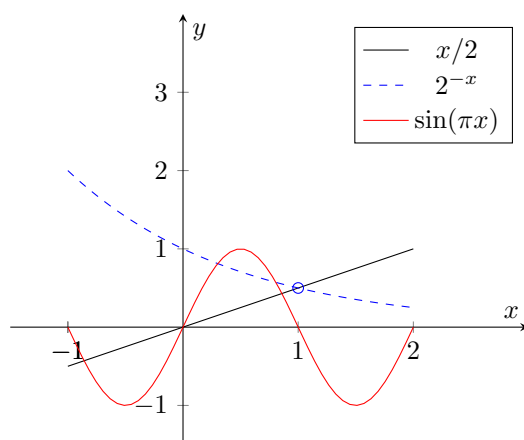

Figure 1: Graphs of three analytical functions.