

1 Figures made with xfig

Figure 1 and Figure 2 were generated by drawing a figure in `xfig` and exporting into combined \LaTeX source and PostScript. The resulting `.tex` files are included in this document with `\input`.

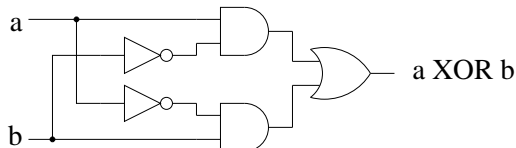


Figure 1: This is a picture of an XOR circuit I drew for my CSCI 2321 class years ago, drawn using `xfig` and exporting into combined \LaTeX source and PostScript.

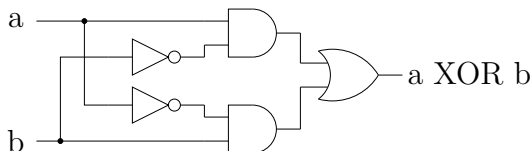


Figure 2: This is the same diagram as Figure 1, updated (in `xfig`) to replace regular text with “special text” set using math mode (to show how that works). It was then processed as for Figure 1.

2 Figures made with gnuplot

Figure 3 shows the result of generating input to \LaTeX with `gnuplot` using its `epslatex` terminal type, which produces a `.tex` file to be included here with `\input` and an EPS file.

3 Figures made with TikZ

Figure 4, Figure 5, and Figure 6 show examples of drawing diagrams directly in \LaTeX with the `tikz` package.

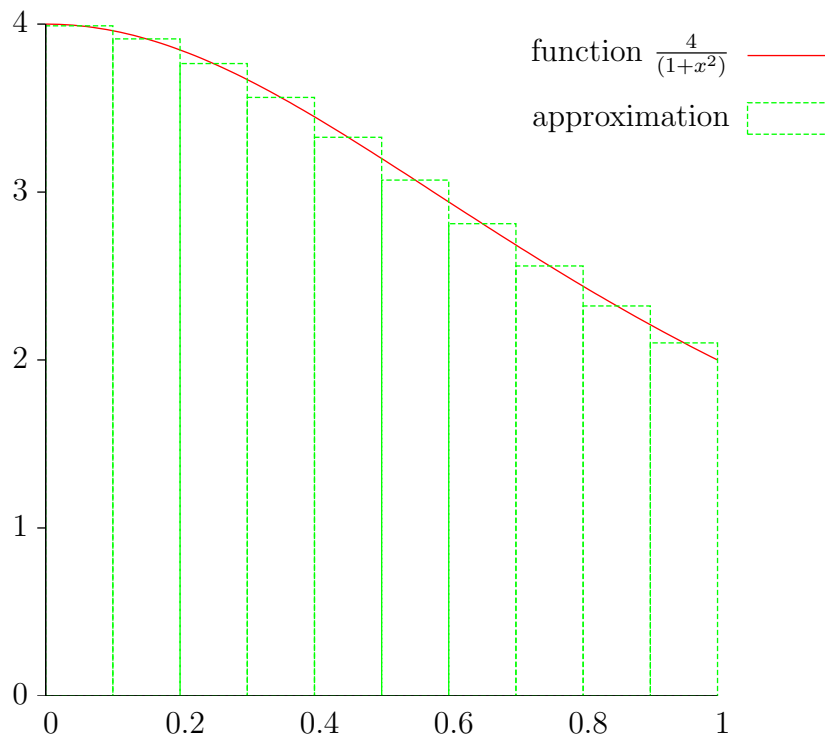


Figure 3: Plot showing using numerical integration to approximate the definite integral $\int_0^1 \frac{4}{1+x^2} dx$. The plot was generated with `gnuplot`. The formula for the function is represented in `gnuplot` as a `LATEX` math-mode expression.

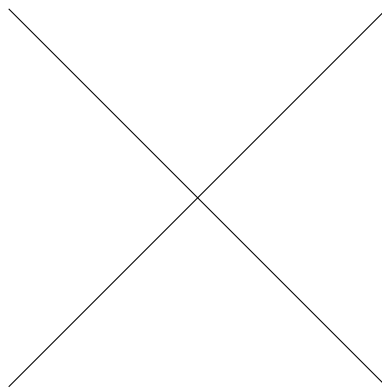


Figure 4: Extremely simple TikZ example.

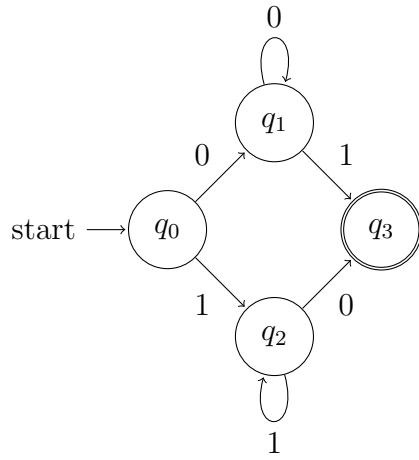


Figure 5: TikZ automata example (using TikZ's library for drawing diagrams of automata). This example is based on an example in the TikZ manual.

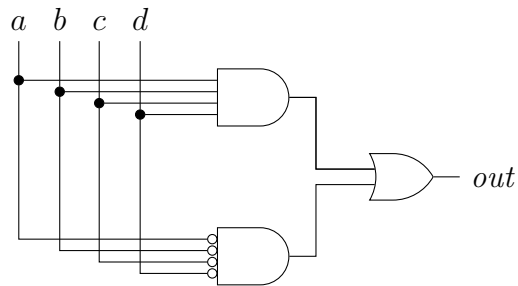


Figure 6: TikZ circuit example (using TikZ's library for drawing circuit diagrams).