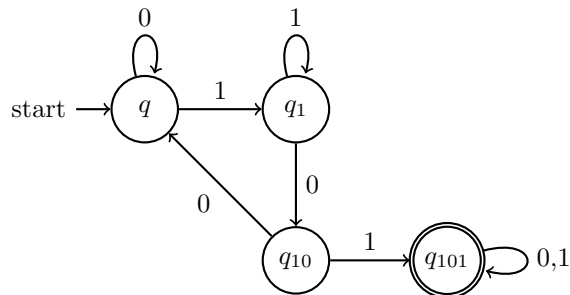# Finite Automata in LaTeX with `tikz`
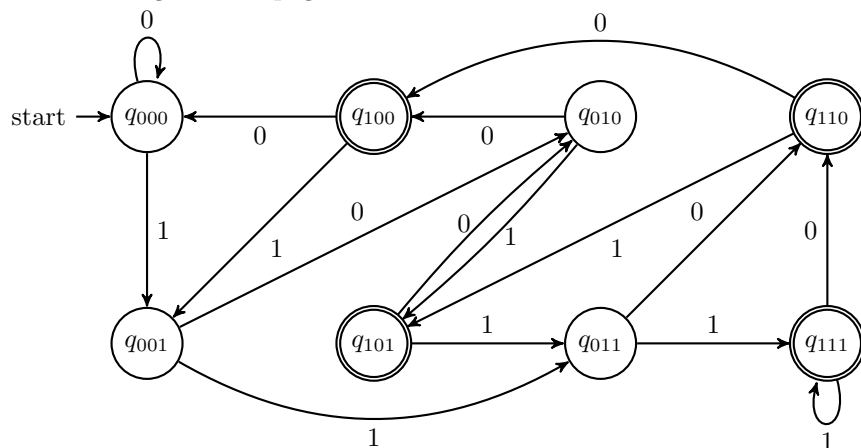
Geoffrey Matthews

February 10, 2017

1 Illustrations from the textbook

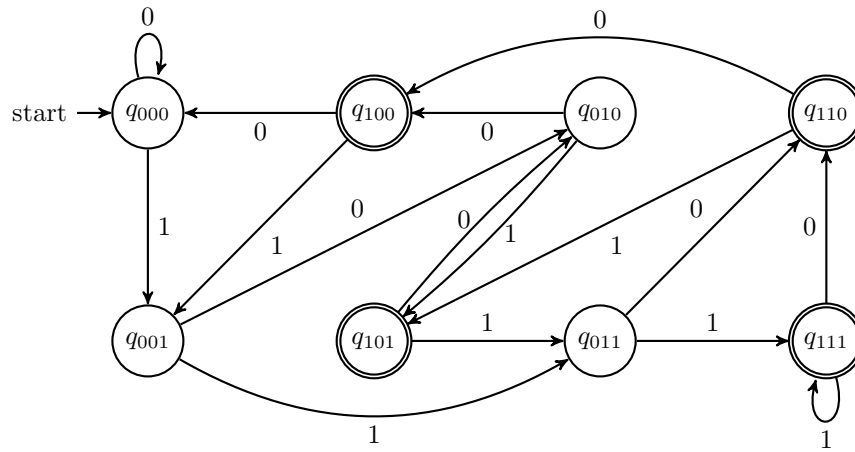Here is the figure from page 29:

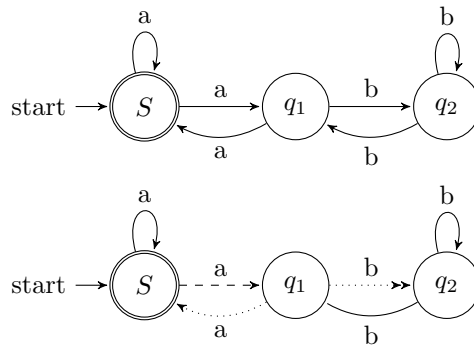Here is the figure from page 30, with some different arrows:

Bend right and bend left automatically curve the arrows. In the above picture, the arrows between 010 and 101 had to be squeezed in tightly, hence the specification of in and out angles.

The same picture done with a matrix layout for the nodes:

2 Martin Thoma examples

Examples on a web page I found:

3 Example from the PGF/TikZ manual