Thesis Template

Over-Engineering as a Craft

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Introduction

This is an overengineered thesis template.

It uses:

- Nix
- Pandoc
- LaTeX
- dot
- Inkscape
- Python

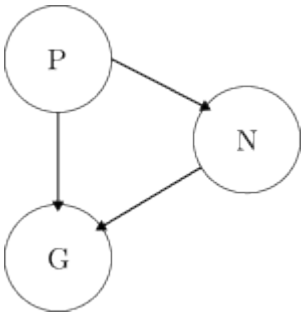

Figure 1: A graph from a PNG file

It can embed PNG images (see fig. 1), SVG images via Inkscape (see fig. 2) or DOT graphs (see fig. 3). You can also cite references like [1], use inline math like $\frac{1}{n}$ or display math:

$$0 + 1 + 2 + 3 + 4 + \cdots + n = \sum_{k=0}^{n} k = \frac{n(n+1)}{2} = \frac{n^2 + n}{2} \tag{0.1}$$

Just include it like seen in lst. 0.1.

Fig. 4 shows a graph generated by Python and fig. 5 shows a graph generated with R using the same data.

Listing 0.1 Display math example

```
\begin{align}
  0 + 1 + 2 + 3 + 4 + \dotsb + n =
  \sum_{k=0}^n k = \frac{n(n+1)}{2} = \frac{n^2+n}{2}
\end{align}
```

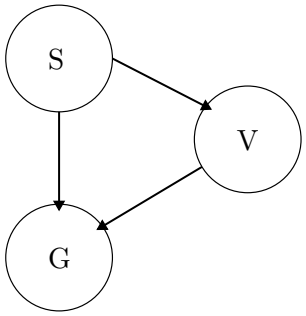

Figure 2: A graph from an SVG file with embedded text

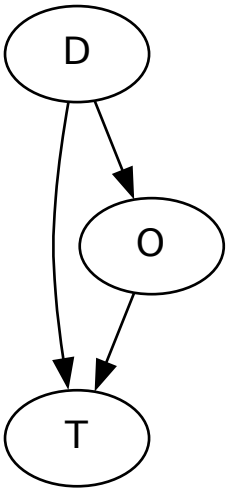

Figure 3: A graph from a dot file

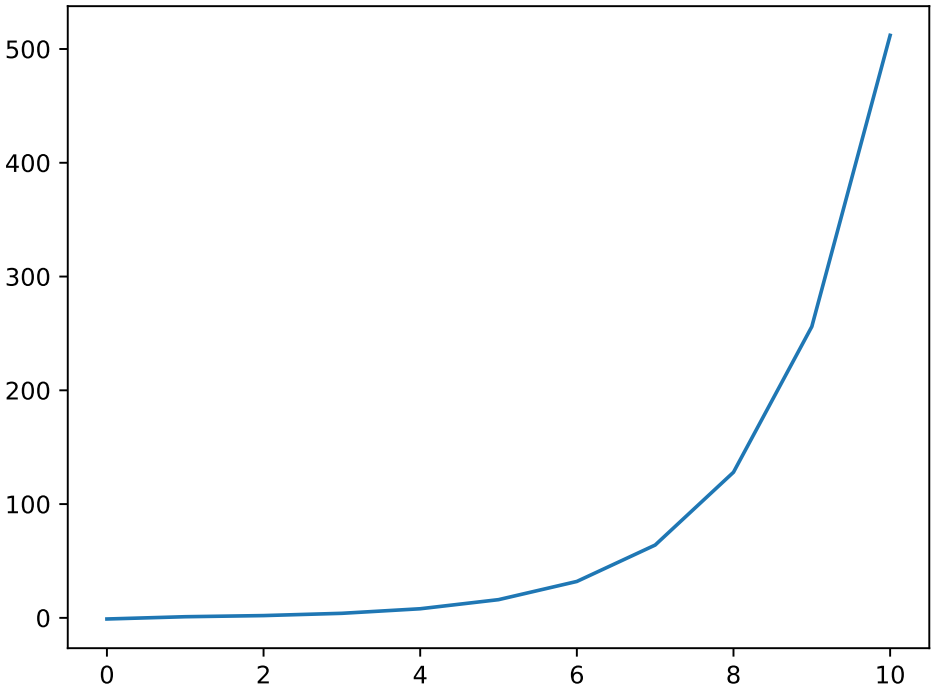

Figure 4: A graph from Python

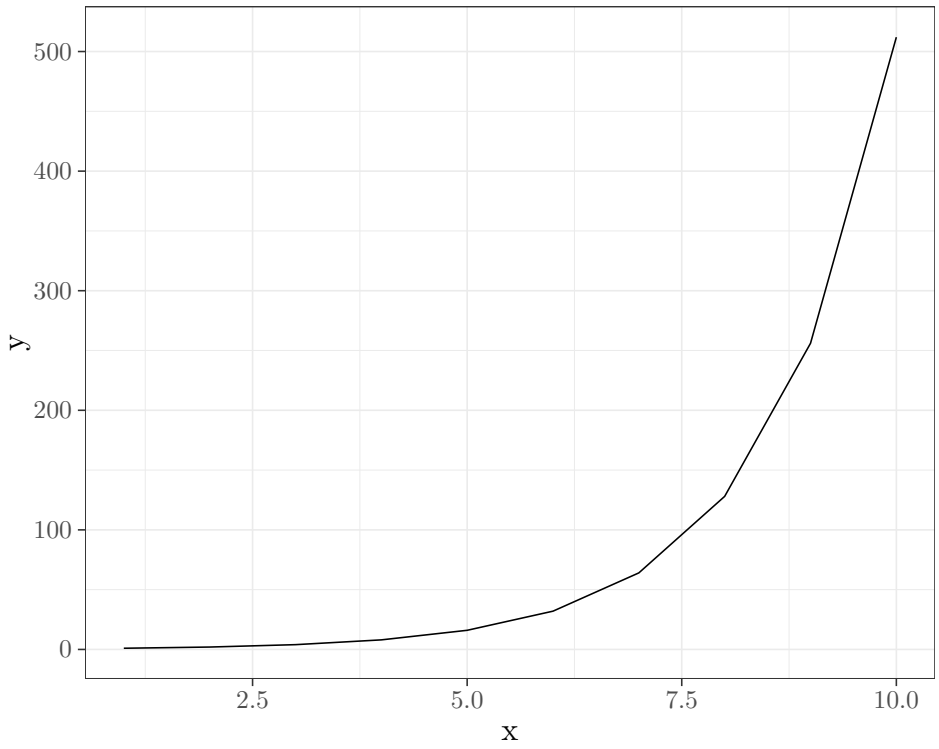

Figure 5: A graph from R

Other Chapter

Bibliography

[1] Gordon E. Moore. *Cramming More Components onto Integrated Circuits*. 1965.