

A Sample Document

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Abstract

We show how to use LaTeX to say more than Hello world!

1 Introduction

Hi. We'll start off discussing fonts:

bold, *italic* or *emphasized*, **teletype**, SMALL CAPS and (sometimes) *combinations* are possible. The default is `\rm` for roman.

You can also choose different sizes: `\tiny`, `\small`, `\large`, and **Huge** are examples. The default is `\normalsize`.

Here is an unnumbered equation.

$$y = \sin(4\pi xq).$$

Here is a numbered equation with some super/subscripts:

$$q_n = \int_{-\infty}^{+\infty} dx P(x) \prod_{i=0}^n (x^2 + i^2)^{i/2}. \quad (1)$$

This one is an example of a fraction:

$$\frac{z}{1 + z^2}.$$

You can use math symbols in sentences, too, like x^m , or 2π .

2 More Stuff

There is a LaTeX label attached to the number of this section. We'll refer to it in a moment. To get it working right, you must “LaTeX” the `latex-simple.ltx` (which contains the source for this output) *twice*.

3 Yet more...

Did you catch §2? In the source code, we never actually used the number “2”, just a reference to the section label.

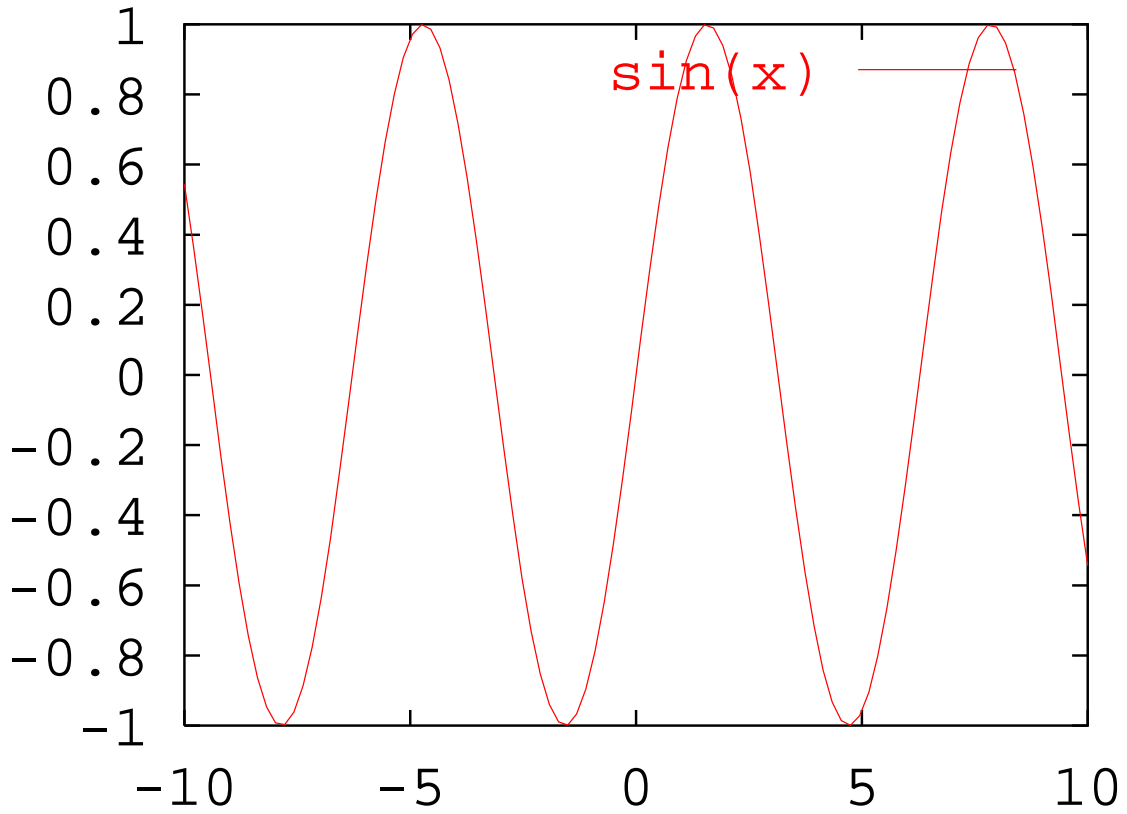


Figure 1: This is an arbitrary figure.