# A Nifty Latex Template

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October 26, 2006

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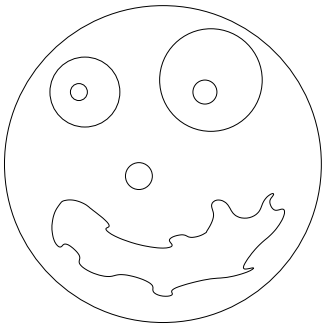

Example Figure

# 1 Section One

This is text in section one.

It can contain inline math: $E = \hbar\omega$.

It can contain numbered equations:

$$H\psi = E\psi = \hbar\omega\psi \tag{1}$$

It can even contain numbered aligned equation "arrays":

$$\begin{aligned} H\psi &= -i\hbar\frac{\partial\psi}{\partial t} \\ &= \hbar\omega\psi \\ &= E\psi \end{aligned} \tag{2}$$

## 1.1 Subsectioning Text

Subsectioning text is certainly possible, and yields a trace in the table of contents (if any).

### 1.1.1 Subsubsectioned Text

Text at this level still gets a TOC entry in some document classes, but not all. TOC's usually only go three levels deep, four if you use the "part" command in a book. Still useful for the formatting.

That's *really* about it. You can do stuff like **boldfacing** and using tiny fonts or HUGE fonts, but you probably shouldn't as they make the text look odd.

You can do tables and tabs and much more, but that is too much to demo in a simple template like this, especially when a lot of that will vary as you add packages.

Simple latex is the best, unless you are writing for a very specific purpose with very specific requirements. It is what latex is really designed for – the whole idea of markup is to trust *professionals* to lay out appropriate fonts, sizes, and so on for various document objects in a completely uniform way. Latex documents invariably look like they are ripped right out of the pages of a book, even when they are really simple ones (like this one)!

Good Luck!

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