`tableofequations` package documentation

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1 Introduction

This is the documentation for the verb=tableofequations= package. It describes how to make a table of important equations, marked throughout the text with `\markequation` and printed with `\printtableofequations`

2 Commands

`\markequation` takes two arguments, the first being the equation to mark (i.e. the math which will appear in the table) and the second is the physical label which appears wherever `\markequation` is placed. The placement of this label is the page referenced in the table of equations, so it's worth checking the label is on the same page as the equation!

$$e^{i\pi} - 1 = 0 \tag{1}$$

Euler's Equation

is created by the code

```
\begin{equation}
  \label{eq:1}
  e^{i\pi} - 1 = 0
\end{equation}
\markequation{e^{i\pi} - 1 = 0}{Euler's Equation}
```

The second command defined by this package is the `\printtableofequations`, e.g.

Table of Equations

Equation	Description	Page

$e^{i\pi} - 1 = 0$ Euler's Equation Page 1

is created by

```
\printtableofequations
```

To redefine the title of table equations simply
`\renewcommand{\toeheading}{`*your name here*`}`.

3 Additional Notes

There are a couple of caveats of using this package

- The LaTeX file will need to be compiled twice for any changes to appear in the table of equations
- The table of equations is actually a collection of `parbox`s arranged like a table. This shouldn't affect anything that I can see, but if you're debugging your file, you should remember that when looking through the errors.