

My Awesome Topic

Ramblings on the Subject

Alice

September 2017

Introduction

- Something

Introduction

- Something
- Another thing

Introduction

- Something
- Another thing
- The last one

I Can LaTeX

can i? ## A Program

```
function coolTools() {  
    return ["pandoc", "beamer"];  
}
```

I can embed LaTeX as well.

Getting up

- Turn off alarm

Breakfast

I Can LaTeX

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function coolTools() {  
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Getting up

- Turn off alarm
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Breakfast

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function coolTools() {  
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```

I can embed LaTeX as well.

Getting up

- Turn off alarm
- Get out of bed

Breakfast

- Eat eggs

can i? ## A Program

```
function coolTools() {  
    return ["pandoc", "beamer"];  
}
```

I can embed LaTeX as well.

Getting up

- Turn off alarm
- Get out of bed

Breakfast

- Eat eggs
- Drink coffee

In the evening

Dinner

- Eat spaghetti

In the evening

Dinner

- Eat spaghetti
- Drink wine



Figure 1: Picture of lens



Figure 1: Picture of lens



Figure 1: Picture of lens

The equation for a straight line is

$$y = mx + b \quad (1)$$

and the equation for a polynomial is

$$y = \sum_{n=0}^{\infty} a_n x^n \quad (2)$$

Equation 1 and Eq. 2 are known to all first-year math students.

The Fourier series is a little more advanced:

$$y = \frac{1}{2}a_0 + \sum_{n=1}^{\infty} a_n \cos(nx) + \sum_{n=1}^{\infty} b_n \sin(nx) \quad (3)$$

Equations 1–3 are used throughout science and engineering.

Equations can be left unnumbered if we do not need to refer to them:

$$y = Ae^{-\gamma t} \cos(2\pi ft)$$

It is also possible to number equations generically without planning to refer to them; e.g.:

$$\pi = 3.141592653589793238462643\dots \quad (4)$$

Table

Table 1: Caption.

Name	Size	Cost
Afriend	22	250
Benemy	24	450
Marco	180	243

Exercise # Exercise 1