March 11, 2021

First Latex Jonas Hein March 2021

Contents

1 Introduction

This is the first ÆØÅ

Lorem ipsum dolor sit amet, consectetuer adipiscing elit. Etiam lobortisfacilisis sem. Nullam nec mi et neque pharetra sollicitudin. Praesent imperdietmi nec ante. Donec ullamcorper, felis non sodales...

Second Section

Lorem ipsum dolor sit amet, consectetuer adipiscing elit. Etiam lobortis facilisissem. Nullam nec mi et neque pharetra sollicitudin. Praesent imperdiet mi necante...

Green inline to-do

Figure 1: A picture of the universe!

The universe is immense and it seems to be homogeneous, in a large scale, everywhere we look at.

There's a picture of a galaxy above

Hallo the is the centering of text

I'm a goat, mheee

Figure 2: a goat


Figure 3: 2 Figures side by side

Please see Figure 2 on page 2 for a prototype blah blah blah

Light green inline to-do

- One entry in the list
- Another entry in the list
  - asdasd
  - dsfsdf

1. The labels consists of sequential numbers.
2. The numbers starts at 1 with every call to the enumerate environment.

Red inline to-do

I 1

II 2

III 3

IV 4

V 5

VI 6

VII 7

VIII 8

IX 9

X 10

XI 11

i One

ii Two

iii Three

The table 1 is an example of referenced LaTeXelements.

Col1	Col2	Col2	Col3
1	6	87837	787
2	7	78	5415
3	545	778	7507
4	545	18744	7560
5	88	788	6344

Table 1: Table to test captions and labels

[11pt]article multirow

Table 2: Multi-column and multi-row table

2*Multi-col-row		X
		X
X	X	X

[11pt]article multirow

Table 3: Multi-row table

2*Multirow	X
	X

Please see Figure 3 on page 3 for a prototype blah blah blah

```java
// Hello.java
import javax.swing.JApplet;
import java.awt.Graphics;

public class Hello extends JApplet {
    public void paintComponent(Graphics g) {
        g.drawString("Hello, world!", 65, 95);
    }
}
```

$$R(t) = A\left(\frac{E_0}{\rho_0}\right)^{1/5} t^{2/5} \tag{1}$$

$\text{velocity} = \text{distance}\frac{}{unitoftime}$
$\text{F} = \text{f}_1 + f_2 + f_3 + ... + f_n canbewrittenas \sum_1^n f_i$

$$\frac{1^2}{2^4}$$

$$\int_a^b x^2\,dx$$

Integral $\int_a^b x^2\,dx$ inside text
The square root of 100 is $\sqrt{100} = 10$.
But the cubic root of 64 is $\sqrt[3]{64} = 4$.

References

[1] Michel Goossens, Frank Mittelbach, and Alexander Samarin. *The LaTeX Companion*. Addison-Wesley, Reading, Massachusetts, 1993.

[2] Albert Einstein. *Zur Elektrodynamik bewegter Körper*. (German) [*On the electrodynamics of moving bodies*]. Annalen der Physik, 322(10):891–921, 1905.

[3] Knuth: Computers and Typesetting,
`http://www-cs-faculty.stanford.edu/~uno/abcde.html`

default to-do

This is text that needs some attention.

Default inline to-do

Green inline to-do

Light green inline to-do

Red inline to-do

Light red inline to-do