

Sample Project

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Abstract

This is a sample document used to show Bazel Latex working. Most items in ‘class/’ will be ‘gitignored’ as real assignments shouldn’t be on a public repo.

The following is mostly stuff from the Overleaf Learn LaTeX in 30 minutes tutorial.

If one feels inspired to try this out, a simple way to get live updates is install node modules locally with `pnpm i` then run `npx ibazel run //class/sample:sample_pdf` to see the changes in real time.

1 Introduction

First document. This is a simple example, with no extra parameters or packages included.

Some of the **greatest** discovered in *science* where made by accident, such as in Figure 1.

- Item 1
 - Item 2
1. Item 1
 2. Item 2

Simple equation $a^2 + b^2 = c^2$

$$a^2 + b^2 = c^2 \tag{1}$$

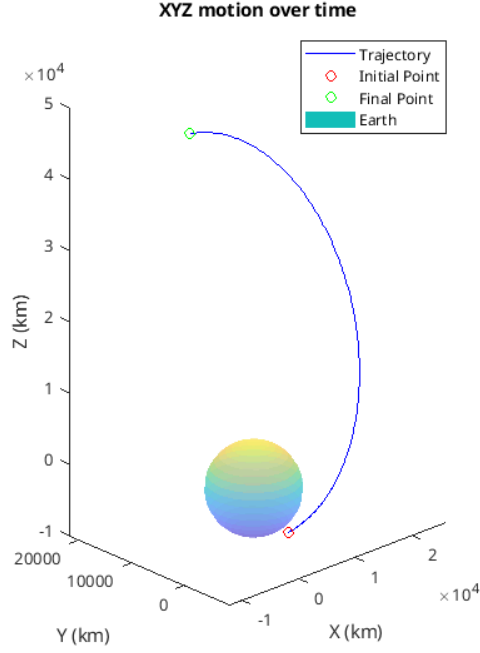


Figure 1: Enter Caption

Subscripts in math mode are written as a_b and superscripts are written as a^b . These can be combined and nested to write expressions such as

$$T^{i_1 i_2 \dots i_p}_{j_1 j_2 \dots j_q} = T(x^{i_1}, \dots, x^{i_p}, e_{j_1}, \dots, e_{j_q})$$

We write integrals using \int and fractions using $\frac{a}{b}$. Limits are placed on integrals using superscripts and subscripts:

$$\int_0^1 \frac{dx}{e^x} = \frac{e-1}{e}$$

Lower case Greek letters are written as ω δ etc. while upper case Greek letters are written as Ω Δ .

Mathematical operators are prefixed with a backslash as $\sin(\beta)$, $\cos(\alpha)$, $\log(x)$ etc.

We can reference Table 1 and Eq. 1. Both of these are found in Introduction.

1	2
3	4

Table 1: Sample caption