# Demo CCDS

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#### Abstract

This is a joke pdf. Don't take its content seriously.

## 1 Introduction

A better test.

This is a new paragraph.

## 2 Math

$$\frac{x}{y}$$

$$f(x) = x_1^2 + \sqrt{\sqrt{x_{2A}}} + \sqrt[5]{x_3}$$

$$\nabla x = \sin \theta + \log_2 \partial \Theta + \dots + \dots$$
(1)

#### 2.1 Complex math

$$\int_0^\infty e^{i\vec{k}\cdot\vec{x}} \mathrm{d}x$$
$$\sum_{i=0}^N x_i^2$$

## 3 Tables

The table is shown below as Table 1.

A	1
В	2

Table 1: Caption

## 4 Figures

I have my classmates image saved here in this very pdf as a dedicated page (Figure 1).

#### 5 Lists

I want the following:

- Orange
- Coke
- Pizza
- PhD

Recipe for you-stew:

- 1. Boil water
- 2. Put your feet
- 3. Dip your body
- 4. Resist urge to get out
- 5. Enjoy you-stew!
- \* Clean the food before dipping!

## Appendix

The most cited HEP paper as of now is [1].

#### References

[1] J. M. Maldacena, "The Large N limit of superconformal field theories and supergravity," *Adv. Theor. Math. Phys.*, vol. 2, pp. 231–252, 1998.



Figure 1: My classmate