

PH5211 - High Energy Physics

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Abstract

This is a note template, with all but minimal compilable files provided. Feel free to adjust for your usage.
Now let's start a simple demo for you to take fancy notes in L^AT_EX!

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Chapter 1

Introduction

Lecture 1: First Lecture

1.1 Overview

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So far you have worked at order of 10^{-10}

We are going to work at order of $10^{-15} = 1\text{fm}$

- Nuclear Physics: Strong and weak interactions.
- Particle Properties: Welcome to the zoo.
- Particle dynamics: how things happen.
- Introduce accelerators + detectors.

1.2 Nomenclature



X = H, He, Li ...

Z = Atomic Number = No. of protons

Appendix