# Formalization of codes

NRR

July 16, 2024

# Chapter 1

# Introduction

Intro goes here.

# Chapter 2

# Methods

## 2.1 Overview

The proof

**Lemma 2.1.1.**

$$x^2 - 1 = (x + 1)(x - 1)$$

**Theorem 2.1.2.**

$$x^2 - 1 = (x + 1)(x - 1)$$

**Lemma 2.1.3.** *If there is a counterexample to Fermat's Last Theorem, then there is a counterexample $a^p + b^p = c^p$ with $p$ an odd prime.*