

## Lecture 1 — Today's date

*Lecturer: Dimitris Papailiopoulos**Scribe: Students Names*

**Note:** These lecture notes are still rough, and have only have been mildly proofread.



This is the danger environment.

## 1.1 My first section heading

**Theorem 1.1.** *This is a neat theorem.*

**Proof:** Lengthy and technical proof.

$$\sum_{i=1}^n x_i = y. \quad (1.1)$$

□

### 1.1.1 A subsection heading

Here is how to typeset an array of equations.

$$x = y + z \quad (1.2)$$

$$\alpha = \frac{\beta}{\gamma} \quad (1.3)$$

### 1.1.2 Yet another subsection

**Corollary 1.2.** *A corollary of Theorem 1.1.*

□