

# Algebra 0 Honor Lecture Notes

Instructor: QIU, Yu  
Notes Taker:

Qiuzhen College, Tsinghua University  
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# Chapter 1

## Symmetry and groups

### 1.1 Classification of regular 3D polytopes

Conventions: ...

#### 1.1.1 Topological Built

**Theorem 1.1.1** (Example name). *Example theorem content.*

Example reference to theorem [1.1.1](#)

#### 1.1.2 Rigid Built

## Chapter 2

# Representation of finite groups

### 2.1 Representation theory

#### 2.1.1

## Chapter 3

# Algebraic curves and surfaces: an introductory view

### 3.1 Elliptic curves

#### 3.1.1