### **Study Notes**

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10 List of Definitions

## List of Abbreviations and Symbols

 $\mathbb{R}$  Real number. 13

### **Chapter 1**

### **Preface**

#### 1.1 Features of this template

• different styles of clickable definitions and theorems

- nameref: Gaussian distribution

- autoref: Definition A.1

- cref: Definition A.1

- hyperref: Gaussian

• toc: list of theorems, definitions

• bib: titles of reference is linked to the publisher webpage [Kit+02] [Chi09]

• index index

• glossary  $\mathbb{R}$ 

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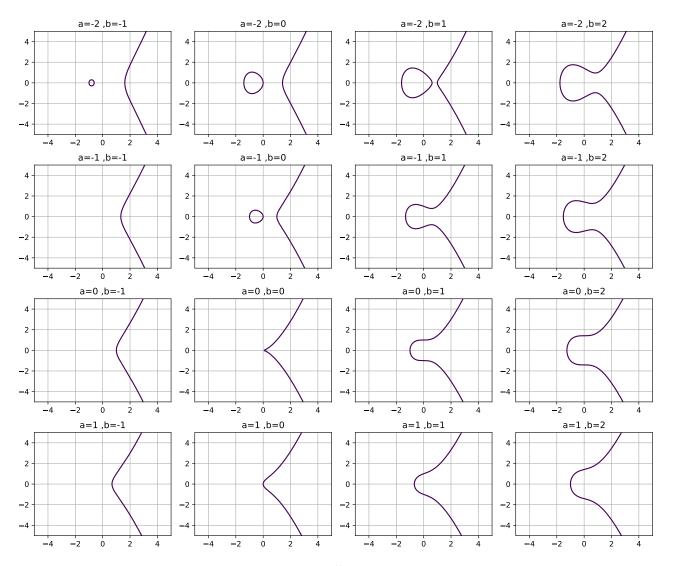


Figure 1.1: Elliptic curves

# Part I Mathematics

### **Chapter 2**

## **Discrete Math**

2.1 Proof

# Part II Computer Science

Part III

**Physics** 

### Appendix A

### **Formulas**

#### A.1 Gaussian distribution

Definition A.1 (Gaussian distribution). Gaussian distribution

**Theorem A.1** (Central limit theorem).

### **Bibliography**

- [Chi09] Andrew M. Childs. *Universal Computation by Quantum Walk*. Physical Review Letters 102.18 (May 4, 2009), p. 180501. arXiv: 0806.1972.
- [Kit+02] Alexei Yu Kitaev et al. *Classical and quantum computation*. 47. American Mathematical Soc., 2002.

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