

# Introduction to Mathematics of Cryptography

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# Chapter 1

## Introduction

In this book you can basic idea about the role of mathematics behind the Cryptography. Let's start our journey with the history as every story

### 1.1 What is cryptography

There is such an exact definition for the cryptography.

Cryptography, or cryptology is the practice and study of techniques for secure communication in the presence of adversarial behavior. - Wikipeda

Cryptography is technique of securing information and communications through use of codes so that only those person for whom the information is intended can understand it and process it. - GeeksforGeeks Website

Thus we can conclude that **Cryptography is the study of secure communications techniques that allow only the sender and receiver to view its contents ( third party can not understand the message.**

### 1.2 History

First evidence of cryptography found in the Egypt. An artist pa