# 1 Books

## 1.1 Computer science

## 1.1.1 Compilers: Principles, Techniques, and Tools

By Alfred V. Aho, Monica S. Lam, Ravi Sethi, and Jeffrey D. Ullman

First published in 1962

#### 1.1.2 Introduction to algorithms

By Thomas H. Cormen, Charles E. Leiserson, Ronald L. Rivest, and Clifford Stein

First published in 1990

#### 1.2 Mathematics

## 1.2.1 Category Theory

By Steve Awodey

First published in 2006

## 1.2.2 A first course in abstract algebra

 $By\ John\ B\ Fraleigh$ 

First published in 1967

#### 1.2.3 Proofs from THE BOOK

By Martin Aigner and Günter M. Ziegler

First published in 1998

## 1.2.4 Intuitionistic Type Theory

By Martin-Löf

First published in 1972

# 1.3 Others

# 1.3.1 The Equation of Knowledge : From Bayes' Rule to a Unified Philosophy of Science

By Lê Nguyên Hoang

First published in 2020