# **Pseudorandomness Program**

Release Spring 2017

**Simons Institute** 

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# ONE

## **ADDITIVE COMBINATORICS**

**Problem 1** ((submitted by Pseudonym)). Given a graph G.

See [vadhan2012pseudorandomness].

#### **CHAPTER**

## TWO

#### **CRYPTOGRAPHY**

**Problem 2** ((submitted by Pseudonym)). Given a graph G.

See [vadhan2012pseudorandomness].

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## **THREE**

#### **EXPANDERS AND EXTRACTORS**

**Problem 3** ((submitted by Pseudonym)). Given a graph G.

See [vadhan2012pseudorandomness].

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## **BIBLIOGRAPHY**

[V+12] Salil P Vadhan and others. Pseudorandomness. Foundations and Trends® in Theoretical Computer Science, 7(1-3):1-336, 2012.