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January 21, 2021

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# Chapter 0

## Introduction

### 0.1 Informal motivation

blablabla

Here is a citation: [KT59].

### 0.2 Outline of this report

In chapter 1, we define the problem formally, and introduce a framework that will be used throughout this thesis.

Etc. etc.

# Chapter 1

## Problem statement

### 1.1 Metric entropy and entropy numbers

blablabla

## Appendix A

# TODO

### A.1 TODO

# Bibliography

- [KT59] A.N. Kolmogorov and V.M. Tikhomirov. “E-Entropy and E-Capacity of Sets In Functional Spaces”. In: *Selected Works of A. N. Kolmogorov: Volume III: Information Theory and the Theory of Algorithms*. Ed. by A. N. Shirayev. Mathematics and Its Applications. Dordrecht: Springer Netherlands, 1959, pp. 86–170. ISBN: 978-94-017-2973-4. DOI: 10.1007/978-94-017-2973-4\_7. URL: [https://doi.org/10.1007/978-94-017-2973-4\\_7](https://doi.org/10.1007/978-94-017-2973-4_7) (visited on 09/28/2020).