

# On the Possibility of the Impossible

by

Joe Sample

Bachelor Thesis in Computer Science

Submission: May 12, 2021

Supervisor: Prof. V. Confused

Jacobs University Bremen | Department of Computer Science and Electrical Engineering

## **Statutory Declaration**

Family Name, Given/First Name	Sample, Joe
Matriculation number	00101010
Kind of thesis submitted	Bachelor Thesis

#### **English: Declaration of Authorship**

I hereby declare that the thesis submitted was created and written solely by myself without any external support. Any sources, direct or indirect, are marked as such. I am aware of the fact that the contents of the thesis in digital form may be revised with regard to usage of unauthorized aid as well as whether the whole or parts of it may be identified as plagiarism. I do agree my work to be entered into a database for it to be compared with existing sources, where it will remain in order to enable further comparisons with future theses. This does not grant any rights of reproduction and usage, however.

This document was neither presented to any other examination board nor has it been published.

#### German: Erklärung der Autorenschaft (Urheberschaft)

Ich erkläre hiermit, dass die vorliegende Arbeit ohne fremde Hilfe ausschließlich von mir erstellt und geschrieben worden ist. Jedwede verwendeten Quellen, direkter oder indirekter Art, sind als solche kenntlich gemacht worden. Mir ist die Tatsache bewusst, dass der Inhalt der Thesis in digitaler Form geprüft werden kann im Hinblick darauf, ob es sich ganz oder in Teilen um ein Plagiat handelt. Ich bin damit einverstanden, dass meine Arbeit in einer Datenbank eingegeben werden kann, um mit bereits bestehenden Quellen verglichen zu werden und dort auch verbleibt, um mit zukünftigen Arbeiten verglichen werden zu können. Dies berechtigt jedoch nicht zur Verwendung oder Vervielfältigung.

Diese Arbeit wurde noch keiner anderen Prüfungsbehörde vorgelegt noch wurde sie bisher veröffentlicht.

Date, Signature

## Abstract

Consider this a separate document, although it is submitted together with the rest. The abstract aims at another audience than the rest of the proposal. It is directed at the final decision maker or generalist, who typically is not an expert at all in your field, but more a manager kind of person. Thus, don't go into any technical description in the abstract, but use it to motivate the work and to highlight the importance of your project.

(target size: 15-20 lines)

# Contents

1	Introduction	1
2	Statement and Motivation of Research	1
3	Description of the Investigation	1
4	Evaluation of the Investigation	1
5	Conclusions	1

#### 1 Introduction

This, like the rest, addresses fellow experts from your field (but not from your particular topic of research). Here you should technically connect to the main concepts from that field and give an outline of your project, stating the research/engineering question that you want to get answered by your project.

(target size: 1-2 pages)

### 2 Statement and Motivation of Research

This part should make clear which question, exactly, you are pursuing, and why your project is relevant/interesting. This is the place to explain the background and to review the existing literature. Where does your project extend the state of the art? What weaknesses in known approaches do you hope to overcome? If you have carried out preliminary experiments, describe them here.

(target size: 5-10 pages)

## **3** Description of the Investigation

This is the technical core of the thesis. Here you lay out your how you answered your research question, you specify your design of experiments or simulations, point out difficulties that you encountered, etc.

(target size: 5-10 pages)

### 4 Evaluation of the Investigation

This section discusses criteria that are used to evaluate the research results. Make sure your results can be used to published research results, i.e., to the already known state-of-the-art.

(target size: 5-10 pages)

Number	lumber Description	
7	A lucky number in Western culture	
8	A lucky number in Chinese and other Asian cultures	
42	Answer to the ultimate question of life, the universe, and everything	
404	Not found	

Table 1: Useless insights I gained with no further meaning

### 5 Conclusions

Summarize the main aspects and results of the research project. Provide an answer to the research questions stated earlier.

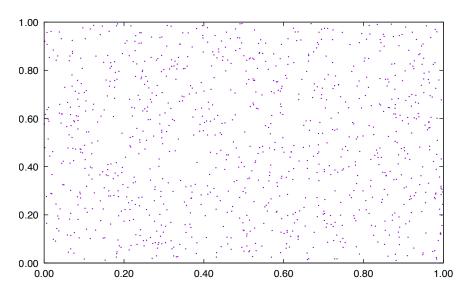


Figure 1: Many dots distributed over a two dimensional unit space without any discernible pattern or deeper meaning

(target size: 1/2 page)

## References

[1] J. Sample. "On the Possibility of the Impossible". Bachelor's Thesis. Jacobs University Bremen, Sept. 2010. DOI: 08/15.