My Thesis Title

Submitted in partial fulfilment of the requirements for the degree of Doctor of Philosophy of Imperial College London and the Diploma of Imperial College London by

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Department of Something

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Some dedication.

– Declaration of Originality –

Write the declaration of originality here.

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– Abstract –

Write abstract here.

– Acknowledgements –

Write acknowledgements here.

– Contents –

– List of Figures –

– List of Tables –

– List of Acronyms –

2D	Two-dimensional
3D	Three-dimensional
PhD	Doctor of Philosophy

– List of Symbols –

Subscripts

- $\bullet_i$ imaginary part
- $\bullet_r$ real part

Superscripts

- $\bar{\bullet}$ mean quantity

Greek symbols

- δ_{ij} Kronecker delta

Latin symbols

- f frequency
- t time coordinate

Chapter 1

First chapter

What is the meaning of life?

—John Doe, *Thoughts*, *1971*

This is the introduction paragraph.

1.1 First section

1.1.1 First subsection

This is the first chapter of the *Doctor of Philosophy* (PhD) thesis.[1] That acronym entry is italicised as being jargon, as opposed to other acronyms such as two-dimensional (2D) and three-dimensional (3D). Non eram nescius, Brute, cum, quae summis ingeniis exquisitaque doctrina philosophi Graeco sermone tractavissent, ea Latinis litteris mandaremus, fore ut hic noster labor in varias reprehensiones incurreret. Nam quibusdam, et iis quidem non admodum indoctis, totum hoc displicet philosophari. Quidam autem non tam id reprehendunt, si remissius agatur, sed tantum studium tamque multam operam ponendam in eo non arbitrantur. Erunt etiam, et ii quidem eruditi Graecis litteris, contemnentes Latinas, qui se dicant in Graecis legendis operam malle consumere. Postremo aliquos futuros suspicor, qui me ad alias litteras vocent, genus hoc scribendi, etsi sit elegans, personae tamen et dignitatis esse negent.

[1] Hyperlinks are coloured for highlighting/debugging purposes. Colours can be removed using the `\hidelinks` option.

Table 1.1: Some data in a table

Class	Number	Age
A	20	43
B	26	30
C	42	24

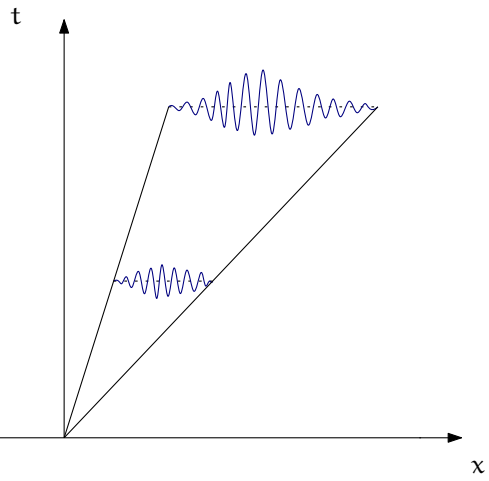

Figure 1.1: A sketch, with some symbols: A (—), B (—), C (×) and D (△)

We define the 'frequency' $f = 1/t$. There is a famous result shown in Eq. (1.1),

$$\frac{\partial \phi}{\partial x}\frac{\partial \phi}{\partial y} \neq \frac{\partial^2 \phi}{\partial x \partial y} \tag{1.1}$$

and another one in Eq. (1.2),

$$|x + y| \leqslant |x| + |y| \tag{1.2}$$

We show some data in Table 1.1, and a sketch in Fig. 1.1. We use previously published results in this work such as those of Villani (2009). Other works should also be kept in mind (Feynman, 1942; Nash, 1950). For further details, the reader is referred to Appendix A.

As Galileo Galilei said,

> 'The sun, with all the planets revolving around it, and depending on it, can still ripen a bunch of grapes as though it had nothing else in the universe to do.'

Chapter 2

Second chapter

2.1 First section

2.1.1 First subsection

This is the second chapter. Morbi pharetra magna a lorem. Cras sapien. Duis porttitor vehicula urna. Phasellus iaculis, mi vitae varius consequat, purus nibh sollicitudin mauris, quis aliquam felis dolor vel elit. Quisque neque mi, bibendum non, tristique convallis, congue eu, quam. Etiam vel felis. Quisque ac ligula at orci pulvinar rutrum.

Figure 2.1 shows a pseudo-code algorithm.

```
CHOOSE I AND J
WHILE RES > TOL DO
    FOR i ← −I TO I DO
        FOR j ← −J TO J DO
            COMPUTE A_ij
        END
    END
    COMPUTE RES
END
```

Figure 2.1: Some pseudo-code algorithm

– Bibliography –

Feynman, R. P. (1942) *Principles of least action in quantum mechanics*. PhD thesis. Princeton University, NJ.

Nash Jr., J. F. (1950) Equilibrium points in n-person games. *Proceedings of the National Academy of Sciences*. 36 (1), 48–49. DOI: 10.1073/pnas.36.1.48.

Villani, C. (2009) *Optimal transport: Old and new*. Grundlehren der mathematischen Wissenschaften, 338. Berlin & Heidelberg, Germany, Springer. DOI: 10.1007/978-3-540-71050-9.

Appendix A

First Appendix

Write supplementary material here.