



Simulations of the blooh blah

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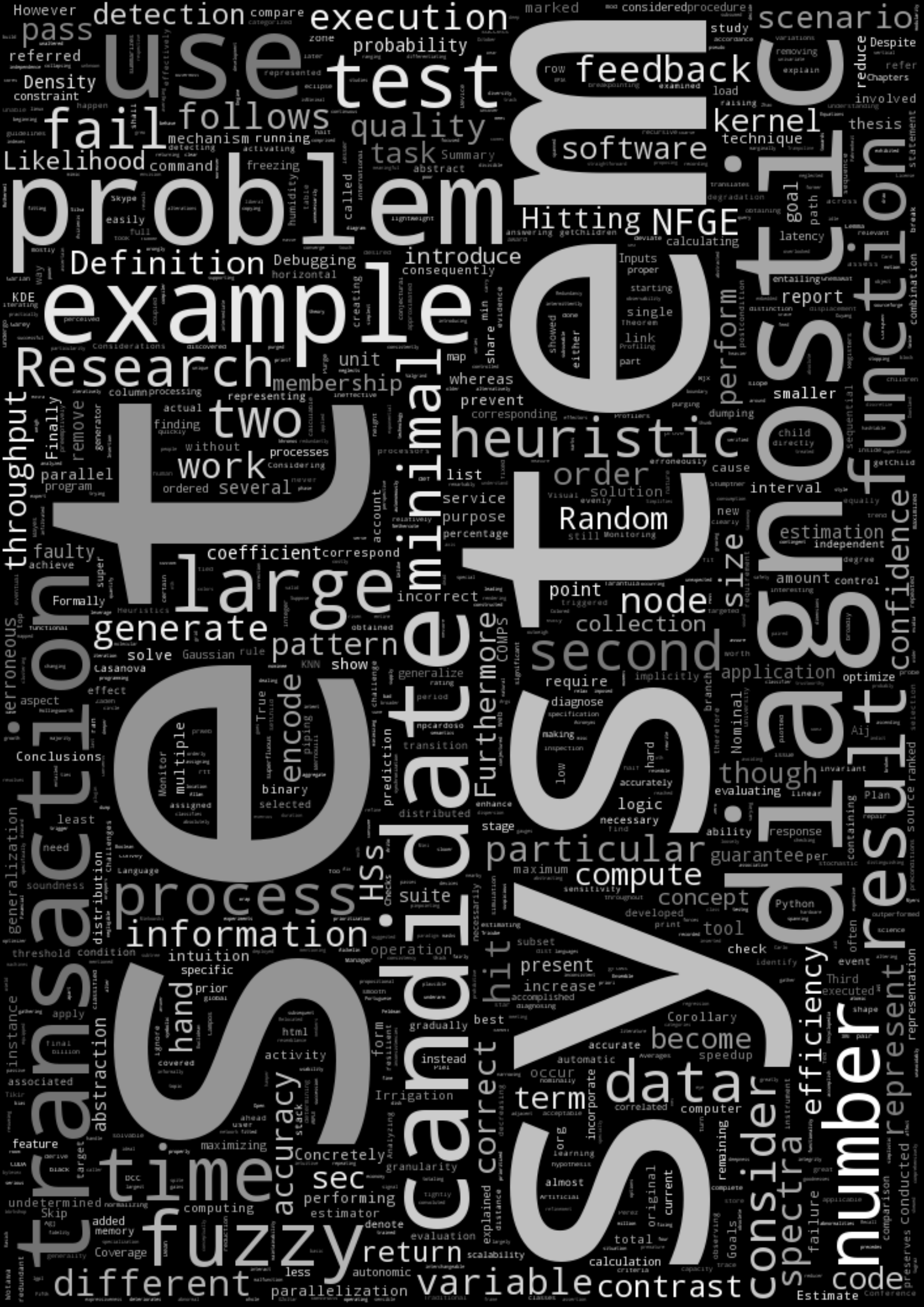
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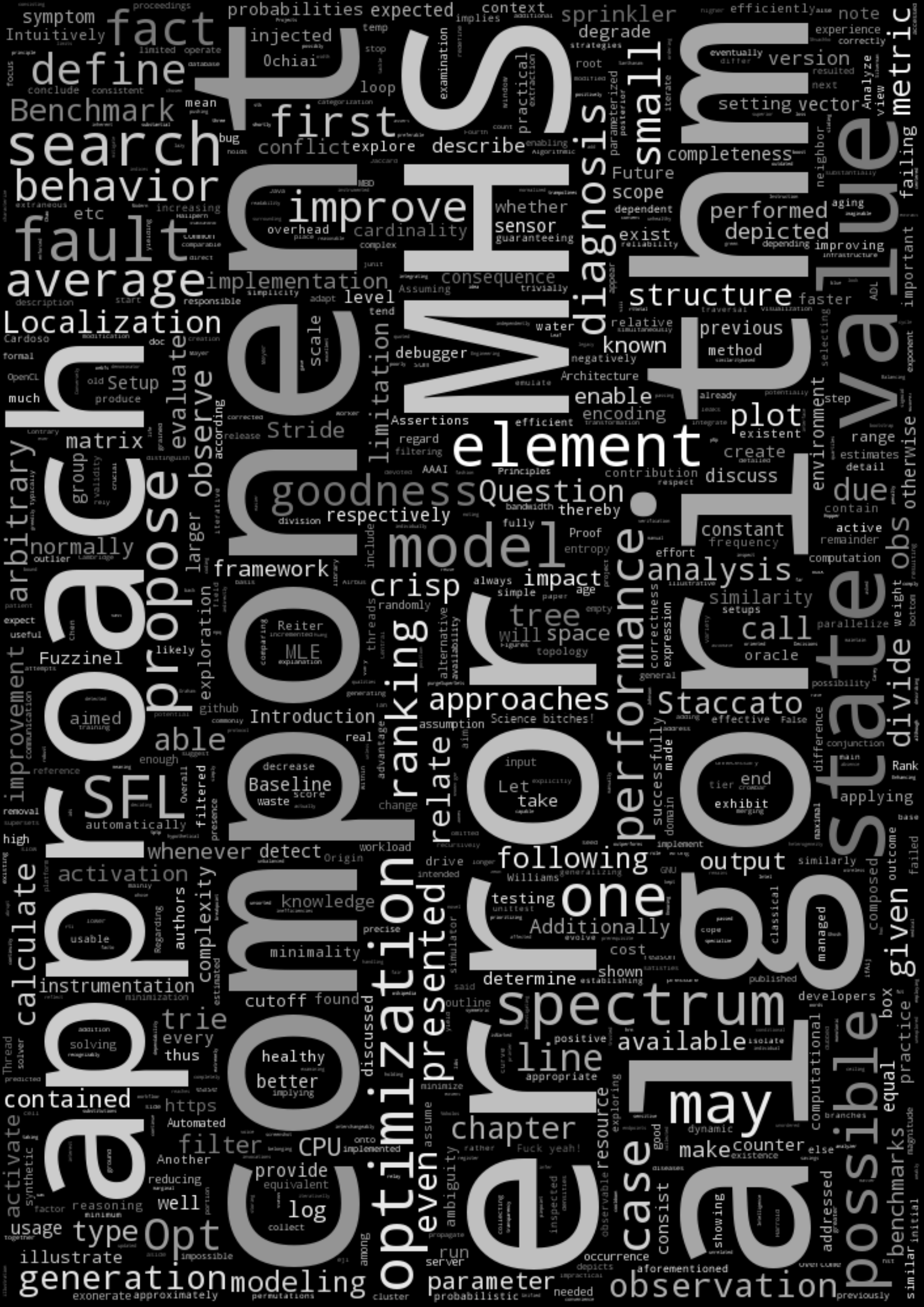
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The logo for the UCL EPSRC CDT in Medical Imaging features a stylized human figure in black, with an orange helix-like shape wrapping around it. To the right of this icon, the text 'UCL EPSRC CDT in' is in a small, black, sans-serif font, and 'Medical Imaging' is in a large, bold, black, sans-serif font.

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To LÍgia, my best friend and love of my life.

Abstract

Abstract goes here ghghg

Contents

Contents	i
List of Figures	iii
List of Algorithms	v
List of Acronyms	vii
1 Rough Plan	1
References	3

List of Figures

List of Algorithms

List of Acronyms

1 Rough Plan

1.1 General idea

Summary of work done so far in PhD. That is, GPU diffusion simulations and fibre growth algorithm.





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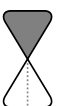
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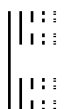
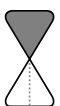
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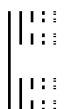
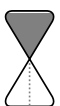
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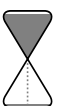
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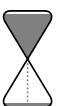


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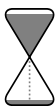
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E cá está... o resultado de quase 5 anos da minha vida.

Embora possa parecer tudo muito mecânico e trivial, a realidade é que a formalidade da escrita oculta toda a complexidade da experiência vivida. Houve momentos de imensa felicidade e momentos de enorme desespero. Gosto de fazer a comparação do processo com o Paradoxo de Zeno:

“Suppose Homer wishes to walk to the end of a path. Before he can get there, he must get halfway there. Before he can get halfway there, he must get a quarter of the way there. Before traveling a quarter, he must travel one-eighth; before an eighth, one-sixteenth; and so on. (...) This description requires one to complete an infinite number of tasks, which Zeno maintains as an impossibility.”

– Wikipedia¹

Estabelecendo o paralelismo, inicialmente (*i.e.*, imediatamente após a depressão de se perceber que não se capta nada do assunto), com o entusiasmo e energia de quem começa, a tarefa era agradável e grandes progressos foram feitos. No entanto, à medida que o tempo foi passando e a energia se foi esgotando, a tarefa tornou-se cada vez mais penosa e, apesar de, na prática, o objetivo final estar cada vez mais próximo, a minha percepção era de que eu não iria conseguir. O fim de cada tarefa dava origem ao início de outra, a qual era desempenhada com menor eficiência que a tarefa antecedente. Apesar de estar extremamente grato pela experiência, reconheço que foi bastante mais difícil do que eu esperava. Tenho a certeza de que a concretização desta tarefa só foi possível por ter tido ao meu lado as pessoas a quem passo a agradecer.

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¹ À qual gostaria também de expressar o meu sincero agradecimento.

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²A minha visão: 0110011010010011100. A deles: arcos-íris e unicórnios (caricaturado).