HYPERDAPO

A DAPO-based framework for optimal execution of Hyperliquid limit orders

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[1]**Disclaimer:** This report is submitted as part requirement for the MSc Information Security at UCL. It is substantially the result of my own work except where explicitly indicated in the text.
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Abstract

Summarise your report concisely.

Contents

Chapter 1

title of first chapter

This is just a bare minimum to get started. There is unlimited guidance on using latex, e.g. `https://en.wikibooks.org/wiki/LaTeX`. You are still responsible to check the detailed requirements of a project, including formatting instructions, see `https://moodle.ucl.ac.uk/pluginfile.php/3591429/mod_resource/content/7/UGProjects2017.pdf`. Leave at least a line of white space when you want to start a new paragraph.

Mathematical expressions are placed inline between dollar signs, e.g. $\sqrt{2}, \sum_{i=0}^{n} f(i)$, or in display mode

$$e^{i\pi} = -1$$

and another way, this time with labels,

$$A = B \wedge B = C \rightarrow A = C \tag{1.1}$$

$$\rightarrow C = A \tag{1.2}$$

note that

$$n! = \prod_{1 \leq i \leq n} i \tag{1.3}$$

$$\int_{x=1}^{y} \frac{1}{x} \mathrm{d}x = \log y \tag{1.4}$$

We can refer to labels like this (1.1).

Chapter 2

title of second chapter

Often lots of citations here (and elsewhere), e.g. [Rey97] or [Pri70, Theorem 2.3]. Bibtex can help with this, but is not essential. If you want pictures, try

You can use

- lists
- like this

or numbered

1. like this,
2. or this

but don't overdo it.

Chapter 3

title of third chapter

If you have a formal theorem you might try this.

DEFINITION 1 *See definition 1.*

THEOREM 2 *For all* $n \in \mathbb{N}$, $1^n = 1$.

PROOF:

By induction over n. □

Chapter 4

etc.

Bibliography

[Pri70] A. Prior. The notion of the present. *Studium Generale*, 23: 245–248, 1970.

[Rey97] M. Reynolds. A decidable temporal logic of parallelism. *Notre Dame Journal of Formal Logic*, 38(3): 419–436, 1997.

Appendix A

Other appendices, e.g. code listing