

WEIZMANN INSTITUTE OF SCIENCE

Searches for new phenomena in final states with leptons and jets using the ATLAS detector

DISSERTATION

submitted in partial fulfilment of the requirements
for the degree of

DOCTOR OF PHILOSOPHY

in Physics

by

Roy Schimmel Brener

Month, 2026

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ACKNOWLEDGMENTS

I would like to thank...

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ABSTRACT OF THE DISSERTATION

Searches for new phenomena in final states with leptons and jets using the ATLAS detector

By

Roy Schimmel Brener

Weizmann Institute of Science, Month, 2026

The abstract of your contribution goes here.

Chapter 1

Introduction

This is an example using the \LaTeX template for UCI theses and dissertation documents [1].

Figure 1.1 is just for illustration purposes, as is Table 1.1.

1.1 Background

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```
#include <iostream>
int main(int argc, char** argv) {
    std::cout << "Hello World." << std::endl;
    return 0;
}
```

Figure 1.1: Example source code.

x	y	z
14	12	-2
0	33	-25
-3	11	22
4	4	6

Table 1.1: Example coordinates.

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Bibliography

- [1] L. Otten. LaTeX template for thesis and dissertation documents at UC Irvine. <https://github.com/lotten/uci-thesis-latex/>, 2012.

Appendix A

Appendix Title

Supplementary material goes here. See for instance Figure A.1.

A.1 Lorem Ipsum

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“I am glad I was up so late,
for that’s the reason I was up so early.”
William Shakespeare (1564-1616), British dramatist, poet.
Cloten, in Cymbeline, act 2, sc. 3, l. 33-4.

Figure A.1: A deep quote.