
CSSA L^AT_EX Notes

UNIVERSITY OF CAMBRIDGE
USING L^AT_EX TO WRITE A SIMPLE REPORT

CSSA.
A L^AT_EX USER
20TH APR 2019

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1 Introduction

This is the first line of the report. This report will show you how to use L^AT_EX

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2 Second section

This is the second section of this report.

2.1 Sub section 1

This is the first sub section in this report.

2.2 Sub section 2

This is the second subsection in this report.

2.2.1 Sub sub section

This is a sub sub section. Replace text here when you write your report.

3 Lists

- This is our first line
- This is our second line and I am making it longer so that you can see how text wraps around automatically in L^AT_EX
 - A bullet within a bullet!
 - * More deeper

Title blah blah blah

This is a longer title blah blah blah

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4 Figures and Tables

4.1 Figures



Figure 1: My desktop background

4.2 Tables

Table 1: This is a very simple table

| Name | University | Department |
|------|------------|-------------|
| CSSA | Cambridge | Engineering |

Figure 1. Table 1.

5 Math equation

Fractions, inline equation: $d = v_it + \frac{1}{2} \cdot at^2$

Brackets:

$$\left(\frac{1}{2}\right) \cdot 2 = 1$$

$$|-7| = 7$$

$$x^{2^3}$$

$$\sqrt{4} \neq 5$$

$$\pi \approx 3$$

$$\pi \times \sqrt{4} < 15$$

$$U(\alpha,\beta)=\frac{e^{jkz}}{j\lambda z}e^{j\frac{k(\alpha^2+\beta^2)}{2z}}\iint\left\{U(x,y)e^{j\frac{k(x^2+y^2)}{2z}}\right\}e^{-j\frac{2\pi}{\lambda z}(\alpha x+\beta y)}dxdy\tag{1}$$

6 How to use refernces

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I'm citing a journal article [1].

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I'm now citing a conference article [2].

References

- [1] D. Gabor, “A new microscopic principle,” *Nature*, vol. 161, no. 161, pp. 777–778, May 1948. [Online]. Available: <https://www.nature.com/articles/161777a0>
- [2] M. Lucente and T. A. Galyean, “Rendering interactive holographic images,” in *Proceedings of the 22Nd Annual Conference on Computer Graphics and Interactive Techniques*, ser. SIGGRAPH '95. New York, NY, USA: ACM, 1995, pp. 387–394. [Online]. Available: <http://doi.acm.org/10.1145/218380.218490>

A Appendix-1

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B Appendix-2

This is the second appendix.

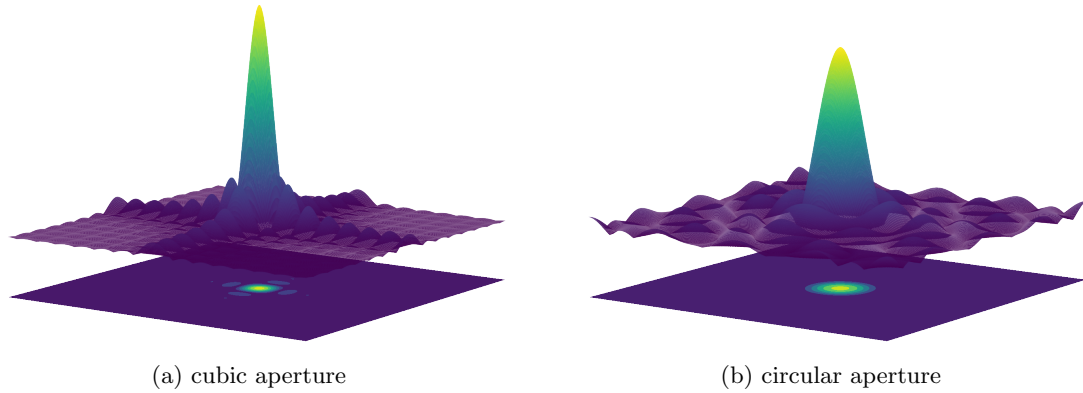


Figure 2: Two figures