# Development of the Single Pixel Based Detector and Telescope

Leonov Vladimir

The Graduate School Sungkyunkwan University Department of Physics

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#### Leonov Vladimir

A Master's Thesis Submitted to the Department of Physics and the Graduate School of Sungkyunkwan University in partial fulfillment of the requirements for the degree of Master of Arts in Science

[June 2018]

Approved by Il H. Park, Ph.D. Major Advisor

# This certifies that the master's thesis of Leonov Vladimir is approved

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# Acronyms

**GCD** Greatest Common Divisor. 7

LCM Least Common Multiple. 7

# Glossary

**formula** A mathematical expression. 7

**latex** Is a mark up language specially suited for scientific documents. 7

**mathematics** Mathematics is what mathematicians do. 7

### 1. Introduction

#### 1.1 General moments

When using the and

chapter tags in LaTeX you will typically end up with parts and chapters that say "part" and "chapter" before the name you have written. Putting these lines in your preamble will remove this:

Hello to everyone, I really want to make Latex diploma and I will

#### 1.1.1 **MEMS**

MEMS, Alexander Refsum Jensenius is a music researcher and research musician living in Oslo, Norway Alexander Refsum Jensenius is a music researcher and research musician living in Oslo, Norway

#### 1.1.2 **SIPM**

MEMS,Alexander Refsum Jensenius is a music researcher and research musician living in Oslo, Norway Alexander Refsum Jensenius is a music researcher and research musician living in Oslo, Norway MEMS,Alexander Refsum Jensenius is a music researcher and research musician living in Oslo, Norway Alexander Refsum Jensenius is a music researcher and research musician living in Oslo, Norway MEMS,Alexander Refsum Jensenius is a music researcher and research musician living in Oslo, Norway Alexander Refsum Jensenius is a music researcher and research musician living in Oslo, Norway MEMS,Alexander Refsum Jensenius is a music researcher and research musician living in Oslo, Norway Alexander Refsum Jensenius is a music researcher and research musician living in Oslo, Norway Alexander Refsum Jensenius is a music researcher and research musician living in Oslo, Norway Alexander Refsum Jensenius is a music researcher and research musician living in Oslo, Norway Alexander Refsum Jensenius is a music researcher and research musician living in Oslo, Norway Alexander Refsum Jensenius is a music researcher and research musician living in Oslo, Norway Alexander Refsum Jensenius is a music researcher and research musician living in Oslo, Norway

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asd s

1 xcxc

2 xc

3 xcx

Table is: 2.1

Fig is: 2.1

- xcxc
- xcxc
- cf

## 1.2 general moments #2

FPGA, Alexander Refsum Jensenius is a music researcher and research musician living in Oslo, Norway Alexander Refsum Jensenius is a music researcher and research musician living in Oslo, Norway

## 2. Hardware

### 2.1 azazaz2

aza Hello to everyone, I really want to make Latex diploma and I will

#### 2.1.1 sub

this is sub..

### 2.2 azazaz

asdasd as I said in asds

$$f(x) = \frac{A_0}{2} + \sum_{n=1}^{\infty} A_n \cos\left(\frac{2n\pi x}{\nu} - \alpha_n\right)$$
 (2.1)

- 1 sdfsdf
- 2 sdf
- 3 dsfs





a)





b)

c) d)

Figure 2.1: Correlation signal peaks: a) numerical experiment, b) registered correlation signals, c) intensity distribution of correlation signals in numerical experiment, d) correlation signals intensity distribution for DCRAW processed data.

- sdf,
- sdfsdfsdf
- sdfs

Also, in the page ??

#### 2.3 azazaz

Table 2.1: captions

azaza:	1,0-1,4	zazaza zazaza
azaza:	0,25-0,30	zaza zaza
za zazaza:	0,25-0,50	zazazaz zazaza

#### AZAZAZA Their long-term aid [1] [2]

The Latex typesetting markup language is specially suitable for documents that include mathematics. Formulas are rendered properly an easily once one gets used to the commands.

Given a set of numbers, there are elementary methods to compute its Greatest Common Divisor, which is abbreviated GCD. This process is similar to that used for the Least Common Multiple (LCM).

## References

- [1] L. Haggarty and B. Pepin. An investigation of mathematics textbooks and their use in english, french and german classrooms. *Proceedings of the British Society for Research into Learning Mathematics*, 21(2):117–125, 2001.
- [2] L. Haggarty and B. Pepin. An investigation of mathematics textbooks and their use in english, french and german classrooms. *Proceedings of the British Society for Research into Learning Mathematics*, 21(2):117–125, 2001.

# A. Consectetur adipiscing elit

## A.1 First part

asxdsdsa

## A.2 Second

I'm a second part!

## B. Mauris euismod

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