



Eötvös Loránd University  
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# TODO Title

## TODO Title title title

TDK thesis

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## **Abstract**

TODO: abstract

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# Chapter 1

## Introduction

TODO Intro

Something about the topic, why is it relevant, important...

### 1.1 Contributions

What have we achieved, what is new?

### 1.2 Structure of the paper

Structure

## Chapter 2

# Background

TODO Background

Image moments in general

Explain Zernike moments

QZMI, QZMRI: greyscale, color, etc

examples, use cases

## Chapter 3

### Math?

## Chapter 4

# Implementation?

Methods for calculating roots of Legendre poly

Quadratures

Program

## Chapter 5

# Tests/improvements?

Invariance

Image reconstruction

Image recognition

Template matching

Comparisons



## Chapter 6

# Related work

TODO related work

Kell ez egyáltalán? ha igen mi? vagy mehet backgroundba?

## Chapter 7

# Conclusion

TODO conclusion

# Acknowledgment

TODO EFOP

# Bibliography