ÉCOLE CENTRALE DE NANTES FIRST YEAR INSTITUTION

MASTER ERASMUS MUNDUS
EMARO+ "European Master in Advanced Robotics"

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Master Thesis Report

Presented by

Student Name

On Date

# The title of the master thesis

Jury

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# Abstract

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# Notations

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# Introduction

Chapter 1

# State of the art

## 1.1 First topic

## 1.2 Second topic

Chapter 2

# Actual work

When dealing with rectangled triangles (see Figure 2.1) I sometimes used this theorem from [1]:

$$a^2 + b^2 = c^2 \tag{2.1}$$

The demonstration is in Appendix A.

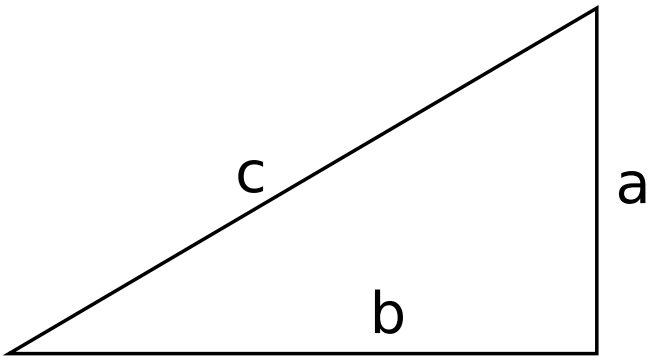


Figure 2.1: A triangle with letters

Chapter 3

# Failed experiments

When trying to draw a rectangled triangle, my program comes up with Figure 3.1 that is neither rectangled nor a triangle.

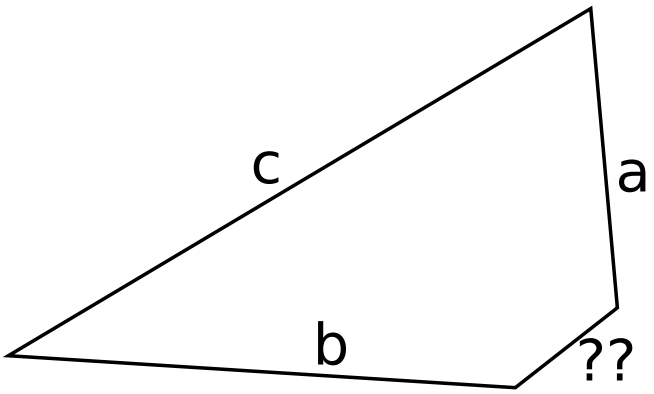


Figure 3.1: Triangle drawn by my program. Note the 4th side.

# Conclusion

Appendix A

# Proof of theorem 2.1

*Proof.* (2.1) was already demonstrated in [2]. □

# Bibliography

[1] O. S. Pythagoras, "Theorem," *Some old journal*, vol. 1, no. 1, Feb. -580.

[2] O. A. Euclides, "Elements," *Self-published*, vol. 1, no. 1, Feb. -300.