

UiO : **Department of Mathematics**  
University of Oslo

Author

**Title**

**Choose a course**

Supervisor: Supervisor



**2020**

## Abstract

Brief summary of the paper.

## 1 Introduction

Purpose of the paper, historical context, necessary background information and notation.

## 2 Body of the Work

Full proofs, numerical implementations. Remember to cite your sources, such as [Hel17].

**Theorem 2.1** (Pythagoras). *In a right triangle, the square of the hypotenuse is equal to the sum of the squares of the other two sides. That is,*

$$a^2 + b^2 = c^2, \tag{1}$$

*where  $c$  is the length of the hypotenuse and  $a$  and  $b$  are the lengths of the two other sides.*

*Proof.* Draw a figure. ■

## 3 Conclusions

Optional. Results, consequences, future work.

Table 1 lists some integers satisfying Equation (1) of Theorem 2.1.

$a$	$b$	$c$
3	4	5
65	72	97

Table 1: Some interesting numbers

## References

- [Hel17] Helsø, M. *Rational Quartic Symmetroids*. Aug. 2017. arXiv: 1708.04101.