

Proof of Pythagorean theorem

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Abstract. We give a new proof of the Pythagorean theorem

Анотація. Ми доводимо теорему Піфагора

1. INTRODUCTION

There are two types of environments

- enumerated by two digits:
theorem, lemma, proposition, claim, corollary, conjecture,
question, notation, property, definition, algorithm, example,
examples, problem, assumption, remark
- enumerated by three digits: they just have prefix sub:
subtheorem, sublemma, subproposition, subclaim,
subcorollary, subconjecture, subquestion, subnotation,
subproperty, subdefinition, subalgorithm, subexample,
subexamples, subproblem, subassumption, subremark

2. EXAMPLES

Theorem **theorem** enumerated by two digits:

Theorem 2.1. $x^2 + y^2 = z^2$

Theorem **subtheorem** enumerated by two digits:

Theorem 2.1.1. $x^2 + y^2 = z^2$

3. BIBLIOGRAPHY

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[6, 4, 7, 5, 2, 1, 3]

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