# Calculus BC Equations

## TABLE OF CONTENTS

1 Limits 2

### 1 LIMITS

### **Definition 1.1: Fuck**

Χ

#### Theorem 1.1: Pythagoras' theorem

In a right triangle, the square of the hypotenuse is equal to the sum of the squares of the catheti.

$$a^2 + b^2 = c^2$$

In mathematics, the Pythagorean theorem, also known as Pythagoras' theorem (see theorem 1.1), is a relation in Euclidean geometry among the three sides of a right triangle.

### Lemma 1.1: Bézout's identity

Let a and b be nonzero integers and let d be their greatest common divisor. Then there exist integers a and b such that:

$$ax + by = d$$

This is a reference to Bezout's lemma 1.1

#### Remark. x