

# basic in latex

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## 1 Introduction

### 1.1 how to make add,sub

$$2 + 3 = 5 \quad 3 - 2 = 1$$

#### 1.1.1 how to write math function

$$\sqrt{5} \sin 3 \frac{4}{8}$$

#### 1.1.2 alpha numeric

$$\epsilon \beta v$$

## 2 math equation

### 2.1 how to write summation

$$\sum_{n=1}^0 x^2 \sin \quad (1)$$

### 2.2 how to write int

$$\int_3^9 a + b(\sin * \cos) \quad (2)$$

### 2.3 how to write diff

$$\frac{\partial u}{\partial t} = h^2 \left( \frac{\partial^2 u}{\partial x^2} + \frac{\partial^2 u}{\partial y^2} + \frac{\partial^2 u}{\partial z^2} \right)$$