澳門城市大學
Universidade da Cidade de Macau
City University of Macau

Title | XXXX

XXXX

Faculty XXX

Major XXX

Name XXX

Student ID XXX

Sunday 8th September, 2024

Abstract

Please fill in the abstract here

Contents

1 Template Description

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2 Example

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Item number:

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Inner equation $\int_a^b f(x)dx = F(b) - F(a)$

Sample maths formula layout:

$$\int_a^b f(x)dx = F(b) - F(a) \tag{1}$$

$$E = mc^2 \tag{2}$$

$$x^2 \geq 0 \qquad \text{for all } x \in \mathbb{R} \tag{3}$$

$$\lim_{n\to\infty} \sum_{k=1}^{n} \frac{1}{k^2} = \frac{\pi^2}{6} \tag{4}$$

chi-squared distribution:

$$f(y) = \begin{cases} \frac{1}{2^{k/2}\Gamma(k/2)} x^{k/2-1} e^{-x/2} & y > 0 \\ 0 & \text{otherwise} \end{cases} \tag{5}$$

Multi-line formulas:

$$\begin{aligned} a + b + c + d + e + f + g + h + i \\ &= j + k + l + m + n \\ &= o + p + q + r + s \\ &= t + u + v + x + z \end{aligned} \tag{6}$$

$$a = b + c \tag{7}$$
$$= d + e \tag{8}$$

Matrix:

$$\begin{bmatrix} x_{11} & x_{12} & \dots & x_{1n} \\ x_{21} & x_{22} & \dots & x_{2n} \\ \vdots & \vdots & \ddots & \vdots \\ x_{n1} & x_{n2} & \dots & x_{nn} \end{bmatrix} \tag{9}$$

Theorem:

mass-energy equivalence 2.1. $E = mc^2$

Insert the table:

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(2,1)	(2,2)

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Figure 1: Fill in the title of the image here