

Subfigure, Math, Bibliography

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1 Subfigure

(a) Small

(b) Big

Figure 1: Beach

2 Math

2.1 Inline

$\forall x, x$ is positive and $x \leq 5$.

2.2 Equation

2.2.1 Algebra

$$x = y \tag{1}$$

$$x_1^2 + x_2 = \sqrt{x + y}$$

$$\binom{n}{k} = \frac{n!}{k!(n-k)!} \tag{2}$$

2.2.2 Trigonoteric

$$\sin^2 \theta + \cos^2 \theta = 1 \tag{3}$$

$$\begin{aligned} \cos^2 \theta &= \frac{1}{2} \cdot 2 \cos^2 \theta \\ &= \frac{1}{2} (1 + \cos 2\theta) \end{aligned}$$

2.2.3 Calculus

$$\lim_{x \rightarrow 0} \frac{\sin x}{x} = 1 \tag{4}$$

$$\frac{d}{dx} e^x = e^x \tag{5}$$

$$\int x^3 dx = \frac{x^4}{4} + c \tag{6}$$

2.2.4 Miscellaneous

$$\bigcup_{i=1}^n A_i \leq \sum_{i=1}^n |A_i| \tag{7}$$

3 Bibliography

For any help, take a look at [?].

References