

$$\dot{x} = \frac{1}{2}x^2$$

1 Using inline math - embed formulas in your text

This formula $f(x) = x^2$, $\sin(\omega t)$, Θ , θ is an example.

superscript (x^2) and subscripts (x_2)

2 No numbers in the equation

$$y = mx + c \tag{1}$$

$$y = mx + c$$

$$y = mx + c$$

$$y = mx + c \tag{2}$$

$$ny + b = mx + c + d + e + f + g \tag{3}$$

$$y = mx + c \tag{4}$$

$$ny + b = mx + c + d + e + f + g \tag{5}$$

$$f(x) = x^2 + x_2 \tag{6}$$

$$g(x) = \frac{1}{x} \tag{7}$$

$$F(x) = \int_b^a \frac{1}{3}x^3 \tag{8}$$

$$m(x) = \frac{1}{\sqrt{x}} \tag{9}$$

1. You can next the list environments to your taste:

2. next item here

3. and the next is here

- with bullets

- * next item here

- and the next is here

Des-1 You can add descriptions here

Des-2 With out numbering and itemize