Contents

tiny text : Slightly larger than tiny. Footnote size. Small text Normal size(default)

Large text. Larger than large Even larger

Huge text Largest

bold type text *italic type text*

`type writer monospace font` SMALL

CAPS TYPE TEXT <u>note</u> this is red

color text

1   introduction

1.1   first subsection

2   itemize

- first

- Second

- third

3 Enumerate

1. first

2. Second

3. Third

$$\begin{bmatrix} 1 & 2 & 3 \\ 4 & 5 & 6 \\ 7 & 8 & 9 \end{bmatrix}$$

$$f(x) = ax^2 + bx + c \qquad (1)$$

$$g(x) = dx^3 + ex^2 + fx + g \quad (2)$$

$$h(x) = \frac{1}{x} \qquad (3)$$

$$j(x) = \int_0^x e^{-t^2} dt \qquad (4)$$

$$\sqrt{x^2 + 1}$$

$$x^2 + y^2 + 2xy = (x + y)^2 \quad (5)$$