Contents

1 Hello Anywhere

u can write tex
from anywhere

1.1 MikTex

MikTex on Windows

1.1.1 CTex

CTex integrate MikTex

Editor TeXworks

2 windows one for edit one for review

1.2 Emacs

Emacs on Linux

1.2.1 Emacs-LaTex

use Emacs-LaTex inside

LaTeX2e

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Today is September 13, 2018
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2 math

The Newton's second law is F=ma.

in The Newton's second law is $F = ma$.
The Newton's second law is

$$F = ma$$

. x
y
z

in Greek Letters η and μ. Fraction $\frac{a}{b}$
Power a^b
Subscript a_b
Derivate $\frac{\partial y}{\partial t}$
Vector $\vec{n}$
Bold **n**
To time differential $\dot{F}$
Matrix (lcr here means left , center or right for each column)

$$\begin{bmatrix} a1 & b22 & c333 & mrrr \\ d444 & e55555 & f6 & Po \end{bmatrix}$$

Equations(here & is the symbol for aligning different rows)

$$a + b = c \tag{1}$$
$$d = e + f + g \tag{2}$$

$$\begin{Bmatrix} a + b = c & I \\ d = e + f + g & II \\ h = i + j & III \end{Bmatrix}$$

a1	b21
c321	d54321

a	b
c	d

a	b
c	d

1	0	0
0	2	3
0	1	1
•Q		•