

The Newton's second law is  $F=ma$ .  
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 $F=ma$   $F=ma$   
 Greek Letters  $\eta$  and  $\mu$   
 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)

$$\left[ \begin{array}{ccc} a1 & b22 & c333 \\ d444 & e5555555 & f6 \end{array} \right]$$

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

$$a + b = c \tag{1}$$

$$d = e + f + g \tag{2}$$

$$\begin{cases} a + b = c \\ d = e + f + g \end{cases}$$

give up