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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)

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

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

$$\left\{ \begin{array}{l} a + b = c \\ d = e + f + g \end{array} \right.$$