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Greek Letters η and μ
Fraction $\frac{a}{ab}$
Power a^b
Subscript $a_b, \mu_{max}, \mu_{min}$
Derivate $\frac{\partial y}{\partial t}$
Vector $\vec{n}$
Bold $\mathbf{n}$
To time differential $\dot{F}$
Funktionaler Bereich: $\forall x \in X, \quad \exists y \leq \epsilon$
Greek letters: $\alpha, A, \beta, B, \gamma, \Gamma, \pi, \Pi, \phi, \varphi, \mu, \Phi$
Operator:

$$\cos(2\theta) = \cos^2\theta - \sin^2\theta$$

$$\lim_{x \to \infty} f(x) =$$

Matrix (lcr here means left, center or right for each column)

$$\begin{bmatrix} a1 & b22 & c333 \\ d444 & e555555 & f6 \end{bmatrix}$$

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

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

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