

► Ayuda LaTeX

► Ejemplos

Ejemplos

Texto	Resultado
[Si a=1 y b=2, entonces para escribir el valor de a/b como fracción introducimos:] " \frac{" + a + "}{ " + b + " }"	$\frac{1}{2}$
\not = \not 9 \not{\frac{x+1}{y-2}}	$\neq \frac{x+1}{y-2}$
\vec{C}=\vec{A}\times\vec{B}	$\vec{C}=\vec{A}\times\vec{B}$
\sqrt{\sin^2(x)+\cos^2(x)}=1	$\sqrt{\sin^2(x)+\cos^2(x)}=1$
V_n^m=\prod_{i=0}^{m-1}(n-i)= \underbrace{n(n-1)(n-2)\cdots (n-m+1)}_{m\text{ factores}} =\frac{n!}{(n-m)!}	$V_n^m = \prod_{i=0}^{m-1} (n-i) = \underbrace{n(n-1)(n-2)\cdots(n-m+1)}_{m \text{ factores}} = \frac{n!}{(n-m)!}$
\int_0^\infty y^2(t)\,dt; \stackrel{!}{=} \stackrel{!}{=} \stackrel{!}{=} \text{Min}	$\int_0^\infty y^2(t) dt \stackrel{!}{=} \text{Min}$
\vec{x}; \stackrel{\text{def}}{=} (x_1, \dots, x_n)	$\vec{x} \stackrel{\text{def}}{=} (x_1, \dots, x_n)$
A \stackrel{a'}{\longrightarrow} B \stackrel{b'}{\longleftarrow} C	$A \xrightarrow{a'} B \xleftarrow{b'} C$
y\left[\begin{array}{l} -1 < x < 0 \\ 0 <= x <= 0 \\ 1 < x < 0 \end{array}\right]	$y = \begin{cases} -1 & : x < 0 \\ 0 & : x = 0 \\ +1 & : x > 0 \end{cases}$
\left[\begin{array}{ccc} a_{11} & a_{12} & a_{13} \\ a_{21} & a_{22} & a_{23} \\ a_{31} & a_{32} & a_{33} \end{array}\right]	$\begin{bmatrix} a_{11} & a_{12} & a_{13} \\ a_{21} & a_{22} & a_{23} \\ a_{31} & a_{32} & a_{33} \end{bmatrix}$
y(z)=\sum_{n \geq 0} z^n	$y(z) = \sum_{n \geq 0} z^n$
\ddot{y} = \vec{\imath} + \tilde{j}	$\ddot{y} = \vec{\imath} + \tilde{j}$
\Gamma(x) = \sum_{\nu=0}^{n-1} \frac{n!n^{x-1}}{x+\nu}	$\Gamma(x) = \sum_{\nu=0}^{n-1} \frac{n!n^{x-1}}{x+\nu}$

$\frac{\frac{a}{x-y} + \frac{b}{x+y}}{1 + \frac{a-b}{a+b}}$	$\frac{\frac{a}{x-y} + \frac{b}{x+y}}{1 + \frac{a-b}{a+b}}$
$\sqrt{-q + \sqrt[3]{q^2 + p^3}}$	$\sqrt{-q + \sqrt[3]{q^2 + p^3}}$
$\int \frac{\sqrt{(ax+b)^3}}{x} dx$	$\int \frac{\sqrt{(ax+b)^3}}{x} dx$
$a_0 + \frac{1}{a_1 + \frac{1}{a_2 + \frac{1}{a_3 + \frac{1}{a_4}}}}$	$a_0 + \frac{1}{a_1 + \frac{1}{a_2 + \frac{1}{a_3 + \frac{1}{a_4}}}}$
$A^{x_i^2}_{j_{n,m}^{2n}}$	$A^{x_i^2}_{j_{n,m}^{2n}}$
$I\,,=\,,\frac{1}{2\pi i}\oint_{ z =1}E(z)E(1/z)z^{-1}dz$	$I=\frac{1}{2\pi i}\oint_{ z =1}E(z)E(1/z)z^{-1}dz$
$I=\int\limits_B xy\,db+\int\limits_C xyz\,dc$	$I=\int\limits_B xy\,db+\int\limits_C xyz\,dc$
$\boxed{\int_0^\infty g(x)\,dx\approx\sum_{i=1}^n w_i e^{x_i} g(x_i)}$	$\boxed{\int_0^\infty g(x)\,dx\approx\sum_{i=1}^n w_i e^{x_i} g(x_i)}$
$\begin{array}{cccc} a_{11} & a_{12} & \cdots & a_{1n} \\ \vdots & \vdots & \ddots & \vdots \\ a_{n1} & a_{n2} & \cdots & a_{nn} \end{array}$	$\begin{array}{cccc} a_{11} & a_{12} & \cdots & a_{1n} \\ \vdots & \vdots & \ddots & \vdots \\ a_{n1} & a_{n2} & \cdots & a_{nn} \end{array}$
$\left(\begin{array}{c} x_{11} & x_{12} \\ x_{21} & x_{22} \\ x \\ y \end{array}\right)$	$\left(\begin{array}{c} x_{11} & x_{12} \\ x_{21} & x_{22} \\ x \\ y \end{array}\right)$
$f(x)=\left\{\begin{array}{l} c_0+c_1(z-a)+c_2(z-a)^2+\cdots+c_n(z-a)^n+\cdots \\ \qquad\qquad\qquad +c_{-1}(z-a)^{-1}+c_{-2}(z-a)^{-2}+\cdots \\ \qquad\qquad\qquad c_{-n}(z-a)^{-n}+\cdots \end{array}\right.$	$f(x)=\left\{\begin{array}{l} c_0+c_1(z-a)+c_2(z-a)^2+\cdots+c_n(z-a)^n+\cdots \\ \qquad\qquad\qquad +c_{-1}(z-a)^{-1}+c_{-2}(z-a)^{-2}+\cdots \\ \qquad\qquad\qquad c_{-n}(z-a)^{-n}+\cdots \end{array}\right.$