

# Taller de Herramientas Computacionales

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15/enero/2019



## Expresiones Matemáticas

$$\alpha + \beta$$

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## Índices y subíndices

$$x_2 \ x^2$$

## Fracciones

$$\frac{3}{2}, \sqrt{2} + \sqrt{3^2}, \%, \int_a^b x^2 dx, \int_a^b x^2 \partial x^2$$

(1)

$$3 \ 2$$

## Matrices

$$\begin{bmatrix} x_2 & x_3 \\ x_4 & x_6 \end{bmatrix}$$

$$\begin{bmatrix} x_2 & x_5 & \dots \\ x_5 & x_{20} & \dots \\ \vdots & \vdots & \vdots \end{bmatrix}$$

$$\Sigma$$

## Tablas

$f(t)$	$F(s)$	remark
$\delta(t)$	1	impulse function
$u(t)$	$\frac{1}{s}$	unit step function
$e^{at}u(t)$	$\frac{1}{s-a}$	one-side exponential

## Alineamiento

$$2x - 5y = 8$$

$$2x - 9y = -12$$