

# Códigos MATLAB para TP4

A1

$x$

$\text{real}(x)$

$\text{imag}(x)$

$\text{abs}(x)$

$\text{angle}(x)$

A2

$L1 = \text{norm}(x, 1);$

$L2 = \text{norm}(x, 2);$

$L_{\text{inf}} = \text{norm}(x, \text{Inf});$

$E = L2 * L2;$

B2

$\text{num} = \text{ones}(1, 3) / 3;$

$y3 = \text{filter}(\text{num}, 1, x);$

C1

$AC* = x \text{con}(x, x);$

$CC_{xy} = x \text{con}(x, y);$