

## Productos disponibles en la Universidad del País Vasco con la licencia Campus-Wide

### Familia de Productos MATLAB

#### **MATLAB**

##### *Desarrollo de aplicaciones*

MATLAB Compiler  
MATLAB Compiler SDK

##### *Generación de código*

Embedded Coder  
Filter Design HDL Coder  
Fixed-Point Designer  
GPU Coder  
HDL Coder  
HDL Verifier  
MATLAB Coder

##### *Data Science y Deep Learning*

Deep Learning Toolbox  
Predictive Maintenance Blockset  
Statistics and Machine Learning Toolbox  
Text Analytics Toolbox  
Reinforcement Learning Toolbox

##### *Acceso Base de Datos e Informes*

Database Toolbox  
MATLAB Report Generator

##### *Matemáticas, Estadística y Optimización*

Curve Fitting Toolbox  
Deep Learning Toolbox  
Global Optimization Toolbox  
Mapping Toolbox  
Optimization Toolbox  
PDE Toolbox  
Statistics and Machine Learning Toolbox  
Symbolic Math Toolbox

##### *Cálculo Paralelo*

MATLAB Parallel Server  
Parallel Computing Toolbox

### Familia de Productos Simulink

#### **Simulink**

System Composer

##### *Generación de Código*

AUTOSAR Blockset  
Embedded Coder  
Fixed-Point Designer  
HDL Coder  
HDL Verifier  
Simulink Code Inspector  
Simulink Coder  
Simulink PLC Coder

##### *Modelado basado en eventos*

SimEvents  
Stateflow

##### *Modelado físico*

Simscape  
Simscape Driveline  
Simscape Electrical  
Simscape Fluids  
Simscape Multibody

##### *Simulación en tiempo real y test*

Simulink Desktop Real-Time  
Simulink Real-Time

##### *Informes y gráficos de simulación*

Simulink 3D Animation  
Simulink Report Generator

##### *Verificación, validación y prueba*

Simulink Check  
Simulink Coverage  
Simulink Design Verifier  
Simulink Requirements  
Simulink Test

### Familia de Productos Polyspace

Polyspace Bug Finder  
Polyspace Code Prover

### Aplicaciones

##### *Aeroespacial*

Aerospace Blockset  
Aerospace Toolbox

##### *Automoción*

Automated Driving Toolbox  
AUTOSAR Blockset  
Model-Based Calibration Toolbox  
Powertrain Blockset  
Vehicle Dynamics Blockset  
Vehicle Network Toolbox

##### *Sistemas Autónomos*

Automated Driving Toolbox  
Robotics System Toolbox  
Sensor Fusion and Tracking Toolbox

##### *Biología Computacional*

Bioinformatics Toolbox  
SimBiology

##### *Finanzas Computacionales*

Database Toolbox  
Datafeed Toolbox  
Econometrics Toolbox  
Financial Instruments Toolbox  
Financial Toolbox  
Risk Management Toolbox  
Spreadsheet Link  
Trading Toolbox

##### *Sistemas de control*

Control System Toolbox  
Fuzzy Logic Toolbox  
Model Predictive Control Toolbox  
Predictive Maintenance Blockset  
Reinforcement Learning Toolbox  
Robust Control Toolbox  
Simulink Control Design  
Simulink Design Optimization  
System Identification Toolbox

##### *Diseño de FPGA y ASIC*

Filter Design HDL Coder  
Fixed-Point Designer  
HDL Coder  
HDL Verifier  
LTE HDL Toolbox  
SoC Blockset  
Vision HDL Toolbox

##### *Procesamiento de imágenes y Visión Artificial*

Computer Vision Toolbox  
Image Processing Toolbox

##### *RF y Señal Mixta*

Antenna Toolbox  
Mixed-Signal Blockset  
RF Blockset  
RF Toolbox  
SerDes Toolbox

##### *Procesamiento de señales*

Audio Toolbox  
DSP System Toolbox  
Phased Array System Toolbox  
Signal Processing Toolbox  
Wavelet Toolbox

##### *Ingeniería de sistemas*

Simulink Requirements  
Stateflow  
System Composer

##### *Prueba y medición*

Data Acquisition Toolbox  
Image Acquisition Toolbox  
Instrument Control Toolbox  
OPC Toolbox  
Vehicle Network Toolbox

##### *Comunicaciones Inalámbricas*

5G Toolbox  
Communications Toolbox  
LTE Toolbox  
WLAN Toolbox



UPV EHU