PHY 311: MATHLAB for Physicists  1 Unit

Department of PHYSICS

Covenant University
1. PHY311
1.1. PHY 311: MATHLAB for Physicists  1 Unit

Prerequisite: MAT 225

An overview of the main features of MATLAB, variables and functions, basic arithmetic operators, intrinsic functions, matrices and arrays, graphical user interface, desktop tools and development environment, graphics, programming, 3D visualization, and applications in communications, control system, filter design, time series, bioinformatics, signal processing, imaging, mapping, etc.