



## Mathematical Methods Using MATLAB Programming Language: Applications to Integral Calculus, Equations, Derivatives and Differential Equations (Paperback)

By Scientific Books

Createspace Independent Publishing Platform, United States, 2016. Paperback. Condition: New. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.This book introduces programming techniques through MATLAB and your applications in Mathematical Methods. It begins by introducing the MATLAB environment and the structure of MATLAB programming before moving on to the mathematics necessary for scientific calculus tasks. These tasks are introduced sequentially in order of technical difficulty. A wide range of exercises are included, illustrating techniques such as programming, numerical calculus, linear and non-linear equations, derivatives, integrals, differential equations and symbolic computation. These topics are augmented with examples that put into practice the most widely used mathematical methods.



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