



Data Analysis with MATLAB (Paperback)

By James Braselton

Createspace Independent Publishing Platform, United States, 2016. Paperback. Book Condition: New. 254 x 203 mm. Language: English . Brand New Book ***** Print on Demand *****.The contents of this book is focused on basic data analysis with MATLAB. Initially the import and export of data, key tasks in any kind of analysis is studied. Then numerical and graphical data exploratory analysis is presented. The next block of content is focused on descriptive statistics and correlation analysis, covariance and regression. These topics are expanded to the study of model simple and multiple linear regression and Curve Fitting. Polynomial regression and nonlinear regression is also studied. Finally an important piece of content is devoted to the time series analysis in interactive mode and command mode. The following topics are developed: Importing and Exporting Data Plotting Data Missing Data Inconsistent Data Filtering Data Filter Function Moving Average Filter Discrete Filter Detrending Data Removing Linear Trends from Data Differencing Data Descriptive Statistics Functions for Calculating Descriptive Statistics Interactive Data Exploration Interacting with MATLAB Data Graphs Marking Up Graphs with Data Brushing Effects of Brushing on Data Making Graphs Responsive with Data Linking How to Link Plots How Linked Plots Behave Linking vs. Refreshing Plots...



READ ONLINE
[2.79 MB]

Reviews

Very good eBook and valuable one. This is for anyone who statte that there was not a worth reading. You will not truly feel monotomy at at any time of your own time (that's what catalogs are for concerning if you question me).

-- Ms. Ona Muller

This kind of pdf is every little thing and made me seeking ahead of time plus more. It generally will not price excessive. You will not truly feel monotomy at anytime of the time (that's what catalogues are for concerning should you request me).

-- Dr. Rosie Kuphal