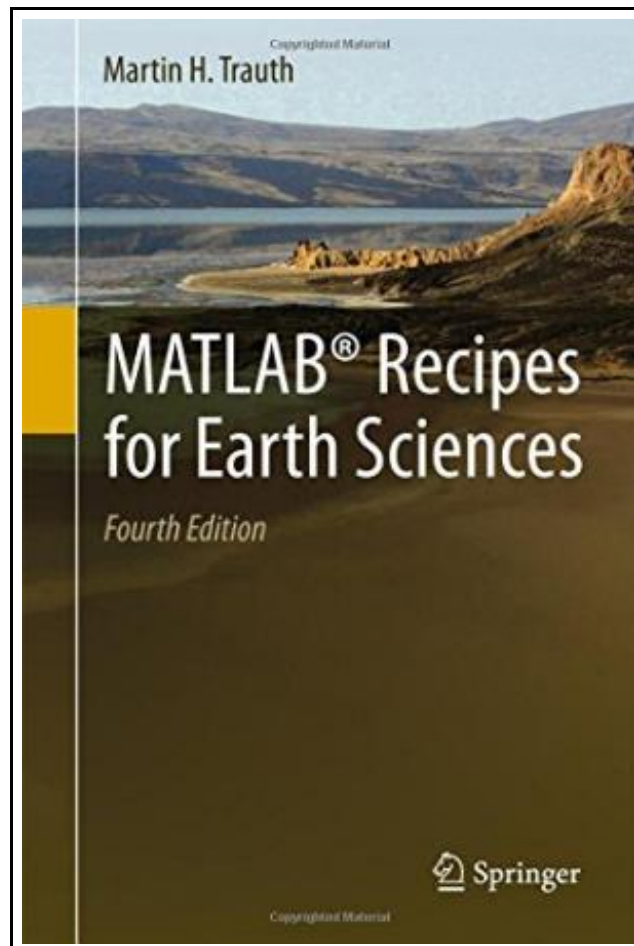# MATLAB Recipes for Earth Sciences: 2015 (4th Revised edition)

Filesize: 9.73 MB

Reviews

Undoubtedly, this is the greatest job by any author. It is actually filled with wisdom and knowledge I am quickly could get a pleasure of reading a written book.
(Kade Ankunding)

MATLAB RECIPES FOR EARTH SCIENCES: 2015 (4TH REVISED EDITION)

To read **MATLAB Recipes for Earth Sciences: 2015 (4th Revised edition)** PDF, you should follow the button below and save the file or gain access to other information which are related to MATLAB RECIPES FOR EARTH SCIENCES: 2015 (4TH REVISED EDITION) ebook.

Springer-Verlag Berlin and Heidelberg GmbH & Co. KG. Hardback. Book Condition: new. BRAND NEW, MATLAB Recipes for Earth Sciences: 2015 (4th Revised edition), Martin H. Trauth, MATLAB(R) is used for a wide range of applications in geosciences, such as image processing in remote sensing, the generation and processing of digital elevation models and the analysis of time series. This book introduces methods of data analysis in geosciences using MATLAB, such as basic statistics for univariate, bivariate and multivariate datasets, time-series analysis, signal processing, the analysis of spatial and directional data and image analysis. The revised and updated Fourth Edition includes sixteen new sections and most chapters have greatly been expanded so that they now include a step by step discussion of all methods before demonstrating the methods with MATLAB functions. New sections include: Array Manipulation; Control Flow; Creating Graphical User Interfaces; Hypothesis Testing; Kolmogorov-Smirnov Test; Mann-Whitney Test; Ansari-Bradley Test; Detecting Abrupt Transitions in Time Series; Exporting 3D Graphics to Create Interactive Documents; Importing, Processing and Exporting LANDSAT Images; Importing and Georeferencing TERRA ASTER Images; Processing and Exporting EO-1 Hyperion Images; Image Enhancement; Correction and Rectification; Shape-Based Object Detection in Images; Discriminant Analysis; and Multiple Linear Regression. The text includes numerous examples demonstrating how MATLAB can be used on data sets from earth sciences. The book's supplementary electronic material (available online through Springer Link) includes recipes that include all the MATLAB commands featured in the book and the example data.

   📄   **Read MATLAB Recipes for Earth Sciences: 2015 (4th Revised edition) Online**
   📄   **Download PDF MATLAB Recipes for Earth Sciences: 2015 (4th Revised edition)**

You May Also Like

[PDF] You Shouldn't Have to Say Goodbye: It's Hard Losing the Person You Love the Most

Click the web link under to download and read "You Shouldn't Have to Say Goodbye: It's Hard Losing the Person You Love the Most" document.

[Save PDF »](#)

[PDF] Freight Train (UK ed)

Click the web link under to download and read "Freight Train (UK ed)" document.

[Save PDF »](#)

[PDF] Grandpa Spanielson's Chicken Pox Stories: Story #1: The Octopus (I Can Read Book 2)

Click the web link under to download and read "Grandpa Spanielson's Chicken Pox Stories: Story #1: The Octopus (I Can Read Book 2)" document.

[Save PDF »](#)

[PDF] Sarah's New World: The Mayflower Adventure 1620 (Sisters in Time Series 1)

Click the web link under to download and read "Sarah's New World: The Mayflower Adventure 1620 (Sisters in Time Series 1)" document.

[Save PDF »](#)

[PDF] JA] early childhood parenting :1-4 Genuine Special(Chinese Edition)

Click the web link under to download and read "JA] early childhood parenting :1-4 Genuine Special(Chinese Edition)" document.

[Save PDF »](#)

[PDF] Anna's Fight for Hope: The Great Depression 1931 (Sisters in Time Series 20)

Click the web link under to download and read "Anna's Fight for Hope: The Great Depression 1931 (Sisters in Time Series 20)" document.

[Save PDF »](#)