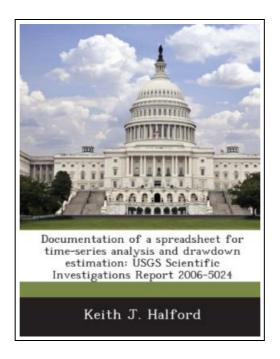
Documentation of a Spreadsheet for Time-Series Analysis and Drawdown Estimation: Usgs Scientific Investigations Report 2006-5024



Filesize: 3.04 MB

Reviews

Definitely one of the best ebook We have possibly go through. It usually does not charge a lot of. I am just pleased to inform you that this is actually the greatest ebook i have got study in my own lifestyle and may be he greatest publication for actually.

(Ms. Patsy D'Amore III)

DOCUMENTATION OF A SPREADSHEET FOR TIME-SERIES ANALYSIS AND DRAWDOWN ESTIMATION: USGS SCIENTIFIC INVESTIGATIONS REPORT 2006-5024



Proquest, Umi Dissertation Publishing, United States, 2011. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ****** Print on Demand ******. Drawdowns during aquifer tests can be obscured by barometric pressure changes, earth tides, regional pumping, and recharge events in the water-level record. These stresses can create water-level fluctuations that should be removed from observed water levels prior to estimating drawdowns. Simple models have been developed for estimating unpumped water levels during aquifer tests that are referred to as synthetic water levels. These models sum multiple time series such as barometric pressure, tidal potential, and background water levels to simulate non-pumping water levels. The amplitude and phase of each time series are adjusted so that synthetic water levels match measured water levels during periods unaffected by an aquifer test. Differences between synthetic and measured water levels are minimized with a sum-of-squares objective function. Root-mean-square errors during fitting and prediction periods were compared multiple times at four geographically diverse sites. Prediction error equaled fitting error when fitting periods were greater than or equal to four times prediction periods. The proposed drawdown estimation approach has been implemented in a spreadsheet application. Measured time series are independent so that collection frequencies can differ and sampling times can be asynchronous. Time series can be viewed selectively and magnified easily. Fitting and prediction periods can be defined graphically or entered directly. Synthetic water levels for each observation well are created with earth tides, measured time series, moving averages of time series, and differences between measured and moving averages of time series. Selected series and fitting parameters for synthetic water levels are stored and drawdowns are estimated for prediction periods. Drawdowns can be viewed independently and adjusted visually if an anomaly skews initial d

Read Documentation of a Spreadsheet for Time-Series Analysis and Drawdown Estimation: Usgs Scientific Investigations Report 2006-5024 Online

Download PDF Documentation of a Spreadsheet for Time-Series Analysis and Drawdown Estimation: Usgs Scientific Investigations Report 2006-5024

See Also



Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications.

Rarebooksclub.com, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****. This historic book may have numerous typos and missing text. Purchasers can usually...

Read PDF

>>



The First Epistle of H. N. a Crying-Voyce of the Holye Spirit of Loue. Translated Out of Base-Almayne Into English. (1574)

Eebo Editions, Proquest, United States, 2010. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****. EARLY HISTORY OF RELIGION. Imagine holding history in your hands. Now...

Read PDF

>>



Variations on an Original Theme Enigma, Op. 36: Study Score

Petrucci Library Press, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English. Brand New Book ***** Print on Demand *****. Dedicated to my friends pictured within, Elgar's orchestral showpiece started...

Read PDF

>>



Symphony No.2 Little Russian (1880 Version), Op.17: Study Score

Petrucci Library Press, United States, 2015. Paperback. Book Condition: New. 246 x 189 mm. Language: English. Brand New Book ***** Print on Demand *****.Composed in 1872 and first performed in Moscow at the Russian...

Read PDF

>>



Ohio Court Rules 2014, Government of Bench Bar

Createspace, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****. Ohio Court Rules 2014, Government of Bench Bar, contains all of the rules...

Read PDF

...



Kindergarten Culture in the Family and Kindergarten; A Complete Sketch of Froebel's System of Early Education, Adapted to American Institutions. for the Use of Mothers and Teachers

Rarebooksclub.com, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book *****
Print on Demand *****. This historic book may have numerous typos and missing text. Purchasers can download

Save ePub

>>



Oxford Reading Tree Read with Biff, Chip, and Kipper: Phonics: Level 4: Wet Feet (Hardback)

Oxford University Press, United Kingdom, 2011. Hardback. Book Condition: New. 172 x 142 mm. Language: English . Brand New Book. Read With Biff, Chip and Kipper is the UK s best-selling home reading series. It

Save ePub

>>



Oxford Reading Tree Read with Biff, Chip, and Kipper: Phonics: Level 4: The Red Coat (Hardback)

Oxford University Press, United Kingdom, 2011. Hardback. Book Condition: New. 172 x 142 mm. Language: English . Brand New Book. Read With Biff, Chip and Kipper is the UK s best-selling home reading series. It

Save ePub

...



Chicken Licken - Read it Yourself with Ladybird: Level 2

Penguin Books Ltd, United Kingdom, 2013. Paperback. Book Condition: New. 226 x 152 mm. Language: English . Brand New Book. In this classic fairy tale, a nut falls on Chicken Licken s head and he

Save ePub

...



Oxford Reading Tree Treetops Time Chronicles: Level 13: the Stone of Destiny

Oxford University Press, United Kingdom, 2014. Paperback. Book Condition: New. Mr. Alex Brychta (illustrator). 205 x 148 mm. Language: English . Brand New Book. In The Stone of Destiny the Time Runners battle to stop

Save ePub

»