1. Record Nr. UNINA9910299780403321 Autore Moy Ronald L **Titolo** Study Guide for Statistics for Business and Financial Economics: A Supplement to the Textbook by Cheng-Few Lee, John C. Lee and Alice C. Lee / / by Ronald L. Moy, Li-Shya Chen, Lie Jane Kao Cham:,: Springer International Publishing:,: Imprint: Springer,, Pubbl/distr/stampa 2015 3-319-11997-4 ISBN Edizione [1st ed. 2015.] 1 online resource (XI, 361 p. 33 illus., 8 illus. in color.) Descrizione fisica Disciplina 330.015195 Soggetti Statistics Macroeconomics Applied mathematics **Engineering mathematics** Statistics for Business, Management, Economics, Finance, Insurance Macroeconomics/Monetary Economics//Financial Economics **Applications of Mathematics** Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Bibliographic Level Mode of Issuance: Monograph Note generali Nota di contenuto Introduction -- Data Collection and Presentation -- Frequency Distribution and Data Analyses -- Numerical Summary Measures --Probability Concepts and their Analyses -- Discrete Random Variables and Probability Distributions -- The Normal and Lognormal Distributions -- Sampling and Sampling Distributions -- Other Continuous Distributions and Moments for Distributions -- Hypothesis Testing -- Analysis of Variance and Chi-Square Tests -- Simple Linear Regression and the Correlation Coefficient -- Simple Linear Regression and Correlation: Analyses and Applications -- Multiple Linear Regression -- Other Topics in Applied Regression Analysis --Nonparametric Statistics -- Time-Series: Analysis, Model and Forecasting -- Index Numbers and Stock Market Indexes -- Sampling Surveys -- Statistical Decision Theory.

This Study Guide accompanies Statistics for Business and Financial Economics, 3rd Ed. (Springer, 2013), which is a business statistics

Sommario/riassunto

textbook that uses finance, economics, and accounting data throughout the book. This Study Guide contains unique chapter reviews for each chapter in the textbook, formulas, examples, and additional exercises to enhance topics and their application. Solutions are included so students can evaluate their own understanding of the material. With more real-life data sets than the other books on the market, this study guide and the textbook that it accompanies, give readers all the tools they need to learn material in class and on their own. The topics covered are immediately applicable to facing uncertainty and the science of good decision making in financial analysis, econometrics, auditing, production, operations, and marketing research. Students in business degree programs will find this material particularly useful in their other courses and future work.

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Autore Warmuzek Magorzata

Titolo Aluminum-silicon casting alloys: an atlas of microfractographs //

Magorzata Warmuzek

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Intro -- Contents -- About the Author -- Preface -- Introduction to Nota di contenuto

> Aluminum-Silicon Casting Alloys -- Fractography -- Microstructural Aspects of the Failure of Aluminum-Silicon Casting Alloys -- Alloy 336.0 (AlSi13Mg1CuNi) -- Alloy 355.0 (AlSi5Cu) -- Alloy 356.0

(AlSi7Mg) -- Alloy 359.0 (AlSi9Mg) -- Alloy 390.0 (AlSi21CuNi) -- Alloy 413.0 (AlSi11) -- Material Defects on Fracture Surfaces -- Index.

Sommario/riassunto Warmuzek (Foundry Research Institute, Poland) compiles b&w fracture

images seen under a microscope during laboratory testing of

mechanical properties, plus relevant descriptions of images, in this atlas documenting aluminum-silicon alloys. A set of images covers hypoeutectic, eutectic, and hypereute