



undergraduate and graduate levels.

"Provides insights into the copyright law by analysing the social, cultural, historical, legal, and economic dimensions of copyright piracy in the Indian film industry"--

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A new edition of this practical guide for clinicians who are developing tools to measure subjective states, attitudes, or non-tangible outcomes in their patients, suitable for those who have no knowledge of statistics.

Clearly illustrates how established techniques can be easily understood and used with a sample size that is smaller than normally envisioned. Provides solutions to complex industrial problems by demonstrating how to define the problem and evaluate it statistically with the aim of accelerating product design testing that requires fewer samples and offers more information with less test effort. Along with examples, it contains detailed additional material presented in tabular form for both easy reference and cross-reference.

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Modern Elementary Statistics Pearson

This book is intended for use in a first course in Statistics. There is a systematic academic approach in "Modern Elementary Statistics". Its emphasis is on introduction to meaningful, well-established statistical techniques. The future would be medical doctor, business executive, scientist, teacher, or other professional specialist must comprehend and be skillful in the application of basic statistical tools and methodology. The student's knowledge is greatly enhanced by repeated exposure to statistical exercises.

This title incorporates SI units along with corresponding U.S. Customary System units. It is valuable for anyone preparing for the Certified Professional Logistician exam. It is useful to both the military and commercial sectors

From opinion polls and clinical trials to self-driving cars, statistics influences and shapes the world around us. Best-selling author Marty Triola is committed to keeping Elementary Statistics relentlessly current--with an unprecedented amount of up-to-the-minute real data--so that readers of all backgrounds understand the role of statistics in the world around them. In addition to an abundance of new data sets, examples, and exercises, the 13th Edition is designed to be even more flexible, with the addition of learning objectives as an organizational tool, larger data sets, and new topics in line with advancements in statistics. In addition, readers will find more support in an all-new series of videos, more opportunities for practice, and improved support for statistical software.

Our life is strongly influenced by the reliability of the things we use, as well as of processes and services. Failures cause losses in the industry and society. Methods for reliability assessment and optimization are thus very important. This book explains the fundamental concepts and tools. It is divided into two parts. Chapters 1 to 10 explain the basic terms and methods for the determination of reliability characteristics, which create the base for any reliability evaluation. In the second part (Chapters 11 to 23) advanced methods are explained, such as Failure Modes and Effects Analysis and Fault Tree Analysis, Load-Resistance interference method, the Monte Carlo simulation technique, cost-based reliability optimization, reliability testing, and methods based on Bayesian approach or fuzzy logic for processing of vague information. The book is written in a readable way and practical examples help to understand the topics. It is complemented with references and a list of standards, software and sources of information on reliability.

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A world list of books in the English language.

A friendly and accessible approach to applying statistics in the real world With an emphasis on critical thinking, The Art of Data Analysis: How to Answer Almost Any Question Using Basic Statistics presents fun and unique examples, guides readers through the entire data collection and analysis process, and introduces basic statistical concepts along the way. Leaving proofs and complicated mathematics behind, the author portrays the more engaging side of statistics and emphasizes its role as a problem-solving tool. In addition, light-hearted case studies illustrate the application of statistics to real data analyses, highlighting the strengths and weaknesses of commonly used techniques. Written for the growing academic and industrial population that uses statistics in everyday life, The Art of Data Analysis: How to Answer Almost Any Question Using Basic Statistics highlights important issues that often arise when collecting and sifting through data. Featured concepts include: • Descriptive statistics • Analysis of variance • Probability and sample distributions • Confidence intervals • Hypothesis tests • Regression • Statistical correlation • Data collection • Statistical analysis with graphs Fun and inviting from beginning to end, The Art of Data Analysis is an ideal book for students as well as managers and researchers in industry, medicine, or government who face statistical questions and are in need of an intuitive understanding of basic statistical reasoning.

This book summarizes the preparation, characterization and applications of rubber based nano blends. Rubbers from natural and synthetic polymers and their blends are discussed in the individual chapters, including nitrile, polyurethane, chlorosulphonated, polybutadiene, styrene butadiene, polychloroprene rubbers. In each chapter, contributors from academia and industry describe the preparation and characterization of the rubber blends. Therefore, a variety of characterization methods like tensile testing, differential scanning calorimetry, dynamical mechanical analysis, thermogravimetric analysis, electron microscopy, scattering and diffraction techniques, and rheology measurements are utilized. The authors evaluate the properties of the different materials and discuss numerous fields of application, ranging from biomedicine, packaging, coatings and automobile to aerospace.

This solid text presents ideas and concepts more clearly for students who have little or no background in statistics. The Twelfth Edition retains all the elements and style that educators nationwide have come to expect—clear prose, excellent problems and precise presentation of mathematics involved—while eliminating some of the computational drudgery.

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