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| 1. Record Nr.           | UNISALENTO991000718829707536  |
| Autore                  | Marcarini, Albano   |
| Titolo                  | Turchia / Albano Marcarini, Marco Romano  |
| Pubbl/distr/stampa      | Milano : ClupGuide, 1995  |
| Descrizione fisica      | 505 p. : ill. ; 17 cm.  |
| Altri autori (Persone)  | Romano, Marcoauthor   |
| Soggetti                | Turchia - Guide   |
| Lingua di pubblicazione | Italiano  |
| Formato                 | Materiale a stampa  |
| Livello bibliografico   | Monografia  |
| 2. Record Nr.           | UNINA9910701095703321   |
| Titolo                  | Defense [[electronic resource] ] : communications : memorandum of understanding between the United States of America and Ecuador ; signed September 25 and November 8, 2006 |
| Pubbl/distr/stampa      | [Washington, D.C.] : , : U.S. Dept. of State, , [2011?]   |
| Descrizione fisica      | 1 online resource (11] pages)   |
| Collana                 | Treaties and other international acts series ; ; 06-1108.1  |
| Soggetti                | Military assistance, American - Ecuador<br>Cryptography - Ecuador - Equipment and supplies<br>Military telecommunication - International cooperation                        |
| Lingua di pubblicazione | Inglese   |
| Formato                 | Materiale a stampa  |
| Livello bibliografico   | Monografia  |
| Note generali           | Title from title screen (viewed on Sept. 22, 2011).   |

3. Record Nr.	UNINA9910973614803321
Autore	Zacks Shelemyahu <1932->
Titolo	Examples and problems in mathematical statistics // Shelemyahu Zacks
Pubbl/distr/stampa	Hoboken, New Jersey : , : Wiley, , 2014
ISBN	9781118605837 1118605837 9781118606001 1118606000
Edizione	[1st ed.]
Descrizione fisica	1 online resource (654 pages)
Collana	Wiley series in probability and statistics
Classificazione	417 519.5
Disciplina	519.5
Soggetti	Mathematical statistics Statistics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes bibliographical references (p. 601-611) and indexes
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Intro -- Examples and Problems in Mathematical Statistics -- Contents -- Preface -- List of Random Variables -- List of Abbreviations -- 1 Basic Probability Theory -- PART I: THEORY -- 1.1 OPERATIONS ON SETS -- 1.2 ALGEBRA AND -FIELDS -- 1.3 PROBABILITY SPACES -- 1.4 CONDITIONAL PROBABILITIES AND INDEPENDENCE -- 1.5 RANDOM VARIABLES AND THEIR DISTRIBUTIONS -- 1.6 THE LEBESGUE AND STIELTJES INTEGRALS -- 1.6.1 General Definition of Expected Value: The Lebesgue Integral -- 1.6.2 The Stieltjes-Riemann Integral -- 1.6.3 Mixtures of Discrete and Absolutely Continuous Distributions -- 1.6.4 Quantiles of Distributions -- 1.6.5 Transformations -- 1.7 JOINT DISTRIBUTIONS, CONDITIONAL DISTRIBUTIONS AND INDEPENDENCE -- 1.7.1 Joint Distributions -- 1.7.2 Conditional Expectations: General Definition -- 1.7.3 Independence -- 1.8 MOMENTS AND RELATED FUNCTIONALS -- 1.9 MODES OF CONVERGENCE -- 1.10 WEAK CONVERGENCE -- 1.11 LAWS OF LARGE NUMBERS -- 1.11.1 The Weak Law of Large Numbers (WLLN) -- 1.11.2 The Strong Law of Large Numbers (SLLN) -- 1.12 CENTRAL LIMIT THEOREM -- 1.13 MISCELLANEOUS RESULTS -- 1.13.1 Law of the Iterated Logarithm --

1.13.2 Uniform Integrability -- 1.13.3 Inequalities -- 1.13.4 The Delta Method -- 1.13.5 The Symbols  $\circ p$  and  $\circ p$  -- 1.13.6 The Empirical Distribution and Sample Quantiles -- PART II: EXAMPLES -- PART III: PROBLEMS -- PART IV: SOLUTIONS TO SELECTED PROBLEMS -- 2 Statistical Distributions -- PART I: THEORY -- 2.1 INTRODUCTORY REMARKS -- 2.2 FAMILIES OF DISCRETE DISTRIBUTIONS -- 2.2.1 Binomial Distributions -- 2.2.2 Hypergeometric Distributions -- 2.2.3 Poisson Distributions -- 2.2.4 Geometric, Pascal, and Negative Binomial Distributions -- 2.3 SOME FAMILIES OF CONTINUOUS DISTRIBUTIONS -- 2.3.1 Rectangular Distributions -- 2.3.2 Beta Distributions -- 2.3.3 Gamma Distributions -- 2.3.4 Weibull and Extreme Value Distributions. 2.3.5 Normal Distributions -- 2.3.6 Normal Approximations -- 2.4 TRANSFORMATIONS -- 2.4.1 One-to-One Transformations of Several Variables -- 2.4.2 Distribution of Sums -- 2.4.3 Distribution of Ratios -- 2.5 VARIANCES AND COVARIANCES OF SAMPLE MOMENTS -- 2.6 DISCRETE MULTIVARIATE DISTRIBUTIONS -- 2.6.1 The Multinomial Distribution -- 2.6.2 Multivariate Negative Binomial -- 2.6.3 Multivariate Hypergeometric Distributions -- 2.7 MULTINORMAL DISTRIBUTIONS -- 2.7.1 Basic Theory -- 2.7.2 Distribution of Subvectors and Distributions of Linear Forms -- 2.7.3 Independence of Linear Forms -- 2.8 DISTRIBUTIONS OF SYMMETRIC QUADRATIC FORMS OF NORMAL VARIABLES -- 2.9 INDEPENDENCE OF LINEAR AND QUADRATIC FORMS OF NORMAL VARIABLES -- 2.10 THE ORDER STATISTICS -- 2.11 t-DISTRIBUTIONS -- 2.12 F-DISTRIBUTIONS -- 2.13 THE DISTRIBUTION OF THE SAMPLE CORRELATION -- 2.14 EXPONENTIAL TYPE FAMILIES -- 2.15 APPROXIMATING THE DISTRIBUTION OF THE SAMPLE MEAN: EDGEWORTH AND SADDLEPOINT APPROXIMATIONS -- 2.15.1 Edgeworth Expansion -- 2.15.2 Saddlepoint Approximation -- PART II: EXAMPLES -- PART III: PROBLEMS -- PART IV: SOLUTIONS TO SELECTED PROBLEMS -- 3 Sufficient Statistics and the Information in Samples -- PART I: THEORY -- 3.1 INTRODUCTION -- 3.2 DEFINITION AND CHARACTERIZATION OF SUFFICIENT STATISTICS -- 3.2.1 Introductory Discussion -- 3.2.2 Theoretical Formulation -- 3.3 LIKELIHOOD FUNCTIONS AND MINIMAL SUFFICIENT STATISTICS -- 3.4 SUFFICIENT STATISTICS AND EXPONENTIAL TYPE FAMILIES -- 3.5 SUFFICIENCY AND COMPLETENESS -- 3.6 SUFFICIENCY AND ANCILLARITY -- 3.7 INFORMATION FUNCTIONS AND SUFFICIENCY -- 3.7.1 The Fisher Information -- 3.7.2 The Kullback-Leibler Information -- 3.8 THE FISHER INFORMATION MATRIX -- 3.9 SENSITIVITY TO CHANGES IN PARAMETERS -- 3.9.1 The Hellinger Distance -- PART II: EXAMPLES -- PART III: PROBLEMS -- PART IV: SOLUTIONS TO SELECTED PROBLEMS. 4 Testing Statistical Hypotheses -- PART I: THEORY -- 4.1 THE GENERAL FRAMEWORK -- 4.2 THE NEYMAN-PEARSON FUNDAMENTAL LEMMA -- 4.3 TESTING ONE-SIDED COMPOSITE HYPOTHESES IN MLR MODELS -- 4.4 TESTING TWO-SIDED HYPOTHESES IN ONE-PARAMETER EXPONENTIAL FAMILIES -- 4.5 TESTING COMPOSITE HYPOTHESES WITH NUISANCE PARAMETERS-UNBIASED TESTS -- 4.6 LIKELIHOOD RATIO TESTS -- 4.6.1 Testing in Normal Regression Theory -- 4.6.2 Comparison of Normal Means: The Analysis of Variance -- 4.7 THE ANALYSIS OF CONTINGENCY TABLES -- 4.7.1 The Structure of Multi-Way Contingency Tables and the Statistical Model -- 4.7.2 Testing the Significance of Association -- 4.7.3 The Analysis of Tables -- 4.7.4 Likelihood Ratio Tests for Categorical Data -- 4.8 SEQUENTIAL TESTING OF HYPOTHESES -- 4.8.1 The Wald Sequential Probability Ratio Test -- PART II: EXAMPLES -- PART III: PROBLEMS -- PART IV: SOLUTIONS TO SELECTED PROBLEMS -- 5 Statistical Estimation -- PART I: THEORY -- 5.1 GENERAL DISCUSSION -- 5.2 UNBIASED ESTIMATORS -- 5.2.1

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Distributions -- 9.3 THE ADMISSIBILITY OF ESTIMATORS -- 9.3.1 Some Basic Results -- 9.3.2 The Inadmissibility of Some Commonly Used Estimators -- 9.3.3 Minimax and Admissible Estimators of the Location Parameter -- 9.3.4 The Relationship of Empirical Bayes and Stein-Type Estimators of the Location Parameter in the Normal Case -- PART II: EXAMPLES -- PART III: PROBLEMS -- PART IV: SOLUTIONS OF SELECTED PROBLEMS -- References -- Author Index -- Subject Index -- WILEY SERIES IN PROBABILITY AND STATISTICS.

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Sommario/riassunto

Provides the necessary skills to solve problems in mathematical statistics through theory, concrete examples, and exercises With a clear and detailed approach to the fundamentals of statistical theory, Examples and Problems in Mathematical Statistics uniquely bridges the gap between theory and application and presents numerous problem-solving examples that illustrate the related notations and proven results. Written by an established authority in probability and mathematical statistics, each chapter begins with a theoretical presentation to introduce both the topic and the important results in an effort to aid in overall comprehension. Examples are then provided, followed by problems, and finally, solutions to some of the earlier problems. In addition, Examples and Problems in Mathematical Statistics features: Over 160 practical and interesting real-world examples from a variety of fields including engineering, mathematics, and statistics to help readers become proficient in theoretical problem solving More than 430 unique exercises with select solutions Key statistical inference topics, such as probability theory, statistical distributions, sufficient statistics, information in samples, testing statistical hypotheses, statistical estimation, confidence and tolerance intervals, large sample theory, and Bayesian analysis Recommended for graduate-level courses in probability and statistical inference, Examples and Problems in Mathematical Statistics is also an ideal reference for applied statisticians and researchers.

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