



Adjustment Computations: Spatial Data Analysis

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Wiley, 2006. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: PREFACE.ACKNOWLEDGMENTS.1 INTRODUCTION.1.1 Introduction.1.2 Direct and Indirect Measurements.1.3 Measurement Error Sources.1.4 Definitions.1.5 Precision versus Accuracy. 1.6 Redundant Measurements in Surveying and Their Adjustment.1.7 Advantages of Least Squares Adjustment.1.8 Overview of the Book.Problems.2 OBSERVATIONS AND THEIR ANALYSIS.2.1 Introduction.2.2 Sample versus Population.2.3 Range and Median.2.4 Graphical Representation of Data.2.5 Numerical Methods of Describing Data.2.6 Measures of Central Tendency.2.7 Additional Definitions.2.8 Alternative Formula for Determining Variance.2.9 Numerical Examples.2.10 Derivation of the Sample Variance (Bessel's Correction).2.11 Programming.Problems.3 RANDOM ERROR THEORY.3.1 Introduction.3.2 Theory of Probability.3.3 Properties of the Normal Distribution Curve.3.4 Standard Normal Distribution Function.3.5 Probability of the Standard Error.3.6 Uses for Percent Errors.3.7 Practical Examples.Problems.4 CONFIDENCE INTERVALS.4.1 Introduction.4.2 Distributions Used in Sampling Theory.4.3 Confidence Interval for the Mean:t Statistic.4.4 Testing the Validity of the Confidence Interval.4.5 Selecting a Sample Size.4.6 Confidence Interval for a Population Variance.4.7 Confidence Interval for the Ratio of Two Population Variances. Problems. 5 STATISTICAL TESTING. 5.1 Hypothesis Testing.5.2 Systematic Development of a Test.5.3 Test of Hypothesis for the Population Mean. 5.4 Test of Hypothesis for the Population Variance 5.5 Test of Hypothesis

Reviews

I actually started looking over this publication. It really is rally interesting through studying period. Once you begin to read the book, it is extremely difficult to leave it before concluding.

-- Dana Hintz

Good electronic book and valuable one. It really is basic but unexpected situations in the 50 percent in the pdf. You wont really feel monotony at at any moment of your time (that's what catalogues are for concerning when you ask me).

-- Elisa Reinger