
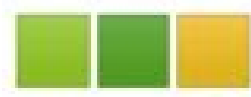


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## Book: Advanced Statistical Methods and Applications

(Decembre-2016)

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Reproductive Biotechnology Research Center, Avicenna Research Institute, ACECR, Tehran, Iran.

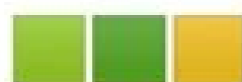
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### Abstract

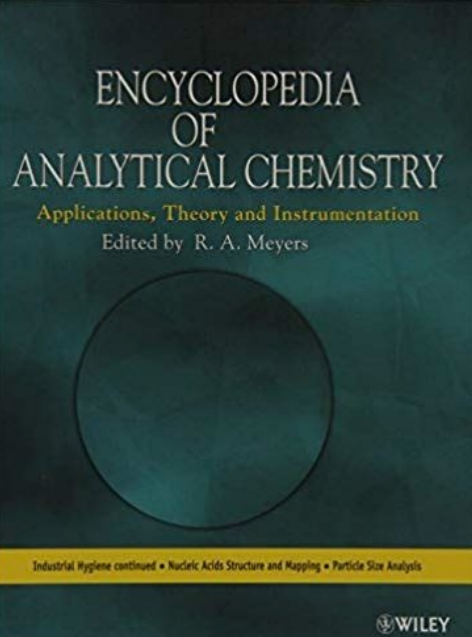
Advanced Statistical Methods and Applications' Book in 10 chapters, three attachments and 574 pages has been published. The aim of the author is that in addition to learning theory and statistical methods, how to use SPSS and Minitab software for Statistical analysis also consider and take action. The author has tried to use the software to be learned step by step.

The main topics of the book are: Data Description, Graphs & Tables, Descriptive Statistics, Probability and its Application, Normal Distribution, Sampling and Sample Size Estimation with Statistical Software, Statistical Hypothesis, Parametric & Non-parametric Tests, Statistics Inference, Statistical Results, Correlation, Linear & Nonlinear Regression, Logistic Regression, Factor Analysis, Missing Values, Durbin-Watson Test, Influential Data, Reliability, Odds Ratio, Outliers, Homogeneity of Variance, Goodness of Fit Test, Fisher Exact Test, Time Series Analysis.

Of the most important tools used in the Advanced Statistical Methods and Applications' Book is data files that the author of several years of research collected and managed them. The book has 80 data files, each one in its own right and statistical issues related to the expression is used. At the end of each chapter, a variety of exercises with answers and solutions are provided using statistical software. A summary of each chapter, describes data files, dictionary of statistics, statistical distributions tables, resources and articles including book content.



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Merck Index, 8th Ed., p. 956					0.8503	3	622
Halite-galena-periclaise group.					0.8141	2	444





# Endoscopy for the Veterinary Technician



Susan Cox

WILEY Blackwell

The discipline of Instrumentation has grown appreciably in recent years because of advances in sensor technology and in the inter-connectivity of sensors, computers and control systems. ARC 34.11. Recommendations for Using MPC 34.15. Safety 44.1. Introduction 44.2. Electrocutation Risk 44.3. Flammable Atmospheres 44.4. Other Safety Aspects 44.5. Conclusion Chapter 45. Chapter 35. Nuclear Instrumentation Technology 29.1. Introduction 29.2. Detectors 29.3. Electronics Chapter 30. Measurement of Strain 9.1. Strain 9.2. Bonded Resistance Strain Gauges 9.3. Gauge Characteristics 9.4. Installation 9.5. Circuits for Strain Gauges 9.6. Vibrating Wire Strain Gauge 9.7. Capacitive Strain Gauges 9.8. Surveys of Whole Surfaces 9.9. Photoelasticity Chapter 10. Particle Sizing 16.1. Introduction 16.2. Characterization of Particles 16.3. Terminal Velocity 16.4. Optical Effects Caused by Particles 16.5. Particle Shape 16.6. Methods for Characterizing a Group of Particles 16.7. 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