

1. Record Nr.	UNISA996418272503316
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Titolo	Plane Answers to Complex Questions [[electronic resource]] : The Theory of Linear Models / / by Ronald Christensen
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
ISBN	3-030-32097-9
Edizione	[5th ed. 2020.]
Descrizione fisica	1 online resource (XXII, 529 p. 33 illus.)
Collana	Springer Texts in Statistics, , 1431-875X
Disciplina	519.535
Soggetti	Statistics Statistical Theory and Methods
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and indexes.
Nota di contenuto	1. Introduction -- 2. Estimation -- 3. Testing -- 4. One-Way ANOVA -- 5. Multiple Comparison Techniques -- 6. Regression Analysis -- 7. Multifactor Analysis of Variance -- 8. Experimental Design Models -- 9. Analysis of Covariance -- 10. General Gauss-Markov Models -- 11. Split Plot Models -- 12. Model Diagnostics -- 13. Collinearity and Alternative Estimates -- 14. Variable Selection -- Appendix A - 6 -- References -- Index -- Author Index.
Sommario/riassunto	This textbook provides a wide-ranging introduction to the use and theory of linear models for analyzing data. The author's emphasis is on providing a unified treatment of linear models, including analysis of variance models and regression models, based on projections, orthogonality, and other vector space ideas. Every chapter comes with numerous exercises and examples that make it ideal for a graduate-level course. All of the standard topics are covered in depth: estimation including biased and Bayesian estimation, significance testing, ANOVA, multiple comparisons, regression analysis, and experimental design models. In addition, the book covers topics that are not usually treated at this level, but which are important in their own right: best linear and best linear unbiased prediction, split plot models, balanced incomplete block designs, testing for lack of fit, testing for independence, models with singular covariance matrices, diagnostics, collinearity, and variable selection. This new edition includes new sections on alternatives to

least squares estimation and the variance-bias tradeoff, expanded discussion of variable selection, new material on characterizing the interaction space in an unbalanced two-way ANOVA, Freedman's critique of the sandwich estimator, and much more.

2. Record Nr.

Titolo

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North America [[electronic resource]] : the historical geography of a changing continent / / edited by Thomas F. McIlwraith and Edward K. Muller

Pubbl/distr/stampa

Lanham, Md., : Rowman & Littlefield Publishers, : Distributed by National Book Network, c2001

ISBN

1-283-65719-8
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Edizione

[2nd ed.]

Descrizione fisica

1 online resource (514 p.)

Altri autori (Persone)

McIlwraithThomas F
MullerEdward K

Disciplina

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Soggetti

North America Historical geography

Lingua di pubblicazione

Inglese

Formato

Materiale a stampa

Livello bibliografico

Monografia

Note generali

Description based upon print version of record.

Nota di bibliografia

Includes bibliographical references and index.

Nota di contenuto

pt. I. Introduction -- pt. II. Colonization: 1490s-1770s -- pt. III. Expansion: 1780s-1860s -- pt. IV. Consolidation: 1860s-1920s -- pt. V. Reorganization: 1930s and Onward -- pt. VI. Conclusion.

Sommario/riassunto

This classic text retains the superb scholarship of the first edition in a thoroughly revised and accessibly written new edition. With both new and updated essays by distinguished American and Canadian authors, the book provides a comprehensive historical overview of the formation and growth of North American regions from European exploration and colonization to the second half of the twentieth century. Collectively the contributors explore the key themes of acquisition of geographical knowledge, cultural transfer and acculturation, frontier expansion, spatial organization of society, resource