

1. Record Nr.	UNINA9910816865103321
Titolo	Progress in applied statistics research // M. Ahsanullah, editor
Pubbl/distr/stampa	New York, : Nova Science Publishers, c2009
ISBN	1-61728-664-8
Edizione	[1st ed.]
Descrizione fisica	1 online resource (279 p.)
Collana	Progress in applied statistics research
Altri autori (Persone)	AhsanullahM (Mohammad)
Disciplina	519.5
Soggetti	Statistics
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	Intro -- PROGRESS IN APPLIED STATISTICSRESEARCH -- PROGRESS IN APPLIED STATISTICSRESEARCH -- CONTENTS -- PREFACE -- Chapter 1AN APPROXIMATE FAST BAYESIAN ALGORITHMFOR THE ANALYSIS AND FORECASTING OF THELOGNORMAL TIME SERIES -- Abstract -- 1. Introduction -- 2. The Standard Dynamic Linear Models -- The observation equation -- The state equation -- 3. Dynamic Generalized Linear Models -- 4. Conditional Independence Structure -- 5. Lognormal Dynamic Models -- 6. Validation -- 7. Conclusion -- References -- Chapter 2EFFICIENT UNIFORM DESIGNS FOR MIXTUREEXPERIMENTS IN THREE AND FOUR COMPONENTS -- Abstract -- 1 Introduction -- 2 Uniform Designs and Uniformity Measures -- 3 Projection Designs -- 4 Optimality Criteria -- 5 Unconstrained Mixture Experiments -- 6 Constrained Mixture Experiments -- Acknowledgments -- Appendix A -- References -- Chapter 3DESIGN OF ACCELERATED LIFE TESTS FORPERIODIC INSPECTION WITH BURR TYPE IIDISTRIBUTIONS: MODELS, ASSUMPTIONS ANDAPPLICATIONS -- Abstract -- 1. Introduction -- 2. The Model and Test Method -- Assumptions -- Test Method -- Standardization -- 3. Maximum Likelihood Estimation -- 4. Optimal Test Plans -- Sensitivity Analysis -- Sample Size Determination -- 5. Computational Results and Comparative Study -- 6. Test Procedure with Example -- Example -- 7. Conclusion -- References -- Chapter 4PARAMETER ESTIMATION USING CRESSIE-READDIVERGENCE MEASURES WITH EXPONENTIALGROUPED CENSORED DATA -- Abstract -- 1 Introduction -- 2 Computational Results -- 3 Findings and Conclusions -- References -- Chapter

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