1. Record Nr.   UNINA9910482186403321

   Autore   Anon

   Titolo   Al-ahd was-surut allati sarataha muhammad [...] li-ahl al-milla an-nasraniyya sive Testamentum, inter Muhamedem, et christianæ religionis populos initum. Edited by J.G. Nisselius [[electronic resource]]

   Pubbl/distr/stampa   Leiden, : Johannes Elzevir, 1655

   Descrizione fisica   Online resource (4°)

   Lingua di pubblicazione   Molteplice

   Formato   Materiale a stampa

   Livello bibliografico   Monografia

   Note generali   Reproduction of original in Koninklijke Bibliotheek, Nationale bibliotheek van Nederland.

2. Record Nr.   UNINA9910437873103321

   Autore   Pronzato Luc

   Titolo   Design of experiments in nonlinear models : asymptotic normality, optimality criteria and small-sample properties / / Luc Pronzato

   Pubbl/distr/stampa   New York, : Springer, 2013

   ISBN   1-4614-6363-7

   Edizione   [1st ed. 2013.]

   Descrizione fisica   1 online resource (399 p.)

   Collana   Lecture Notes in Statistics, , 0930-0325 ; ; 212

   Disciplina   519.5
       519.57

   Soggetti   Experimental design
       Nonlinear difference equations

   Lingua di pubblicazione   Inglese

   Formato   Materiale a stampa

   Livello bibliografico   Monografia

   Note generali   Description based upon print version of record.

   Nota di bibliografia   Include bibliographical references and index.

   Nota di contenuto   Introduction -- Asymptotic designs and uniform convergence. Asymptotic properties of the LS estimator -- Asymptotic properties of M, ML and maximum a posteriori estimators -- Local optimality criteria

based on asymptotic normality -- Criteria based on the small-sample precision of the LS estimator -- Identifiability, estimability and extended optimality criteria -- Nonlocal optimum design -- Algorithms—a survey -- Subdifferentials and subgradients -- Computation of derivatives through sensitivity functions -- Proofs -- Symbols and notation -- List of labeled assumptions -- References.

Sommario/riassunto	Design of Experiments in Nonlinear Models: Asymptotic Normality, Optimality Criteria and Small-Sample Properties provides a comprehensive coverage of the various aspects of experimental design for nonlinear models. The book contains original contributions to the theory of optimal experiments that will interest students and researchers in the field. Practitionners motivated by applications will find valuable tools to help them designing their experiments. The first three chapters expose the connections between the asymptotic properties of estimators in parametric models and experimental design, with more emphasis than usual on some particular aspects like the estimation of a nonlinear function of the model parameters, models with heteroscedastic errors, etc. Classical optimality criteria based on those asymptotic properties are then presented thoroughly in a special chapter. Three chapters are dedicated to specific issues raised by nonlinear models. The construction of design criteria derived from non-asymptotic considerations (small-sample situation) is detailed. The connection between design and identifiability/estimability issues is investigated. Several approaches are presented to face the problem caused by the dependence of an optimal design on the value of the parameters to be estimated. A survey of algorithmic methods for the construction of optimal designs is provided.