1. **Record Nr.** UNISOBLAEC00021136
   Titolo Hautes Etudes

   Lingua di pubblicazione Non definito
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   Livello bibliografico Collezione

2. **Record Nr.** UNISANNIOPUV0121483
   Autore Hollaway, Leonard
   Titolo Polymer composites for civil and structural engineering / by L. Hollaway
   Pubbl/distr/stampa London <etc.>, : Blackie academic & <and> professional, 1993
   ISBN 0751400289
   Descrizione fisica XI, 259 p. ; 24 cm
   Disciplina 620.1
   620.192
   Soggetti Materie plastiche
   Collocazione SALA DING 620.1   HOL.po
   Lingua di pubblicazione Inglese
   Formato Materiale a stampa
   Livello bibliografico Monografia

3. Record Nr.	UNINA9910855386803321
Autore	Cursi Eduardo Souza de
Titolo	Uncertainty Quantification with R : Bayesian Methods / / by Eduardo Souza de Cursi
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2024
ISBN	9783031482083
	3031482085
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (493 pages)
Collana	International Series in Operations Research & Management Science, , 2214-7934 ; ; 352
Disciplina	519.544
Soggetti	Operations research
	Production management
	Probabilities
	Mathematical optimization
	Statistics
	Operations Research and Decision Theory
	Operations Management
	Applied Probability
	Discrete Optimization
	Bayesian Inference
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction- 1 -- Basic Bayesian Probabilities-2 -- Beliefs-3 -- Information and Entropy-4 -- Maximum of Entropy-5 -- Bayesian Inference-6 -- Sequential Bayesian Estimation.
Sommario/riassunto	This book is a rigorous but practical presentation of the Bayesian techniques of uncertainty quantification, with applications in R. This volume includes mathematical arguments at the level necessary to make the presentation rigorous and the assumptions clearly established, while maintaining a focus on practical applications of Bayesian uncertainty quantification methods. Practical aspects of applied probability are also discussed, making the content accessible to students. The introduction of R allows the reader to solve more

complex problems involving a more significant number of variables. Users will be able to use examples laid out in the text to solve medium-sized problems. The list of topics covered in this volume includes basic Bayesian probabilities, entropy, Bayesian estimation and decision, sequential Bayesian estimation, and numerical methods. Blending theoretical rigor and practical applications, this volume will be of interest to professionals, researchers, graduate and undergraduate students interested in the use of Bayesian uncertainty quantification techniques within the framework of operations research and mathematical programming, for applications in management and planning.