

1. Record Nr.	UNISA996392365203316
Titolo	A message sent from the Parliament of Scotland to the Queen of Sweden [[electronic resource]] : and their desires touching Prince Charles, and the Parliament of England; with a narrative of their falling off, and detesting against the late proceedings, in reference to Charles the I. Also, the further proceedings of Prince Charles and his party, a new army rising in Scotland; a great presence presented unto him; the like never done to any King of that nation; the resolution of Gen. Levin concerning the young King, and the design of the Scottish forces
Pubbl/distr/stampa	Imprinted at London, : for G. Laurensen, 1649
Descrizione fisica	[2], 6 p
Soggetti	Great Britain History Civil War, 1642-1649 Early works to 1800
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Annotation on Thomason copy: "July 6". Reproduction of the original in the British Library.
Sommario/riassunto	eebo-0018

2. Record Nr.	UNINA9910141446203321
Autore	Rocquigny Etienne de
Titolo	Modelling under risk and uncertainty : an introduction to statistical, phenomenological and computational methods // Etienne de Rocquigny
Pubbl/distr/stampa	Chichester, West Sussex, U.K., : Wiley, 2012
ISBN	9786613619044 9781119941651 1119941652 9781280589218 1280589213 9781119969501 1119969506 9781119969495 1119969492
Edizione	[2nd ed.]
Descrizione fisica	1 online resource (484 p.)
Collana	Wiley series in probability and statistics
Classificazione	MAT029000
Disciplina	338.501/5195
Soggetti	Industrial management - Mathematical models Uncertainty - Mathematical models Risk management - Mathematical models
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	Modelling Under Risk and Uncertainty: An Introduction to Statistical, Phenomenological and Computational Methods; Contents; Preface; Acknowledgements; Introduction and reading guide; Notation; Acronyms and abbreviations; 1 Applications and practices of modelling, risk and uncertainty; 1.1 Protection against natural risk; 1.1.1 The popular 'initiator/frequency approach'; 1.1.2 Recent developments towards an 'extended frequency approach'; 1.2 Engineering design, safety and structural reliability analysis (SRA); 1.2.1 The domain of structural reliability 1.2.2 Deterministic safety margins and partial safety factors1.2.3 Probabilistic structural reliability analysis; 1.2.4 Links and differences

with natural risk studies; 1.3 Industrial safety, system reliability and probabilistic risk assessment (PRA); 1.3.1 The context of systems analysis; 1.3.2 Links and differences with structural reliability analysis; 1.3.3 The case of elaborate PRA (multi-state, dynamic); 1.3.4 Integrated probabilistic risk assessment (IPRA); 1.4 Modelling under uncertainty in metrology, environmental/sanitary assessment and numerical analysis
 1.4.1 Uncertainty and sensitivity analysis (UASA) 1.4.2 Specificities in metrology/industrial quality control; 1.4.3 Specificities in environmental/health impact assessment; 1.4.4 Numerical code qualification (NCQ), calibration and data assimilation; 1.5 Forecast and time-based modelling in weather, operations research, economics or finance; 1.6 Conclusion: The scope for generic modelling under risk and uncertainty; 1.6.1 Similar and dissimilar features in modelling, risk and uncertainty studies; 1.6.2 Limitations and challenges motivating a unified framework; References
 2 A generic modelling framework 2.1 The system under uncertainty; 2.2 Decisional quantities and goals of modelling under risk and uncertainty; 2.2.1 The key concept of risk measure or quantity of interest; 2.2.2 Salient goals of risk/uncertainty studies and decision-making; 2.3 Modelling under uncertainty: Building separate system and uncertainty models; 2.3.1 The need to go beyond direct statistics; 2.3.2 Basic system models; 2.3.3 Building a direct uncertainty model on variable inputs; 2.3.4 Developing the underlying epistemic/aleatory structure; 2.3.5 Summary
 2.4 Modelling under uncertainty - the general case 2.4.1 Phenomenological models under uncertainty and residual model error; 2.4.2 The model building process; 2.4.3 Combining system and uncertainty models into an integrated statistical estimation problem; 2.4.4 The combination of system and uncertainty models: A key information choice; 2.4.5 The predictive model combining system and uncertainty components; 2.5 Combining probabilistic and deterministic settings; 2.5.1 Preliminary comments about the interpretations of probabilistic uncertainty models
 2.5.2 Mixed deterministic-probabilistic contexts

Sommario/riassunto

"This volume addresses a concern of very high relevance and growing interest for large industries or environmentalists: risk and uncertainty in complex systems. It gives new insight on the peculiar mathematical challenges generated by recent industrial safety or environmental control analysis, focusing on implementing decision theory choices related to risk and uncertainty analysis through statistical estimation and computation, in the presence of physical modeling and risk analysis. The result will lead statisticians and associated professionals to formulate and solve new challenges at the frontier between statistical modeling, physics, scientific computing, and risk analysis"--
