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| 1. Record Nr. | UNINA990009660500403321 |
| Autore | Shen, Y. R. |
| Titolo | The Principles of Nonlinear Optics / Y.R. Shen |
| Pubbl/distr/stampa | New York : John Wiley, 2003 |
| ISBN | 0-471-88998-9 |
| Descrizione fisica | XII, 561 p. : ill ; 24 cm |
| Disciplina | 535 |
| Locazione | DINMP |
| Collocazione | 14 C.007.009 |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
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| 2. Record Nr. | UNISALENTO991003409189707536 |
| Autore | Brinkmann, Hans |
| Titolo | Kategorien und Funktoren [e-book] / H.-B. Brinkmann ; nach einer Vorlesung von D. Puppe |
| Pubbl/distr/stampa | Berlin ; New York : Springer, 1966 |
| ISBN | 9783540371915 |
| Descrizione fisica | 1 online resource (107 p.) |
| Collana | Lecture notes in mathematics, 0075-8434 ; 18 |
| Altri autori (Persone) | Puppe, Dieter |
| Soggetti | Categories (Mathematics)
Functor theory |
| Lingua di pubblicazione | Tedesco |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Nota di bibliografia | Includes bibliographical references (p. 104-107) |
| Nota di contenuto | Kategorien und Funktoren ; Logik und Mengenlehre ; Kategorien, Dualitt, Funktoren, Natrlichkeit ; Darstellbare Funktoren ; Einbettungen und Identifizierungen ; Produkte und Coprodukte ; Nullmorphisimen ; |

3. Record Nr.	UNINA9910706827303321
Autore	Hietanen Anna Martta <1909->
Titolo	Metamorphism and plutonism around the Middle and South Forks of the Feather River, California / / by Anna Hietanen
Pubbl/distr/stampa	Washington : , : United States Department of the Interior, Geological Survey, , 1976
Descrizione fisica	1 online resource (iii, 30 pages) : illustrations, maps + + 1 plate
Collana	Geological Survey professional paper ; ; 920
Soggetti	Intrusions (Geology) - California - Feather River Watershed Metamorphism (Geology) - California - Feather River Watershed Petrology - California - Feather River Watershed Intrusions (Geology) Metamorphism (Geology) Petrology California Feather River Watershed
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from title screen (viewed October 6, 2014). "Petrologic and structural studies of metamorphic and igneous rocks of part of the Nevadan orogenic belt in the northwestern Sierra Nevada."
Nota di bibliografia	Includes bibliographical references (pages 29-30).

4. Record Nr.	UNINA9910828287203321
Autore	Aven Terje
Titolo	Uncertainty in risk assessment : the representation and treatment of uncertainties by probabilistic and non-probabilistic methods // Terje Aven [and three others]
Pubbl/distr/stampa	Chichester, West Sussex : , : Wiley, , 2014
ISBN	9781118763056 111876305X 9781118763032 1118763033 9781118763063 1118763068
Edizione	[1st edition]
Descrizione fisica	1 online resource (198 pages) : illustrations
Classificazione	MAT029000
Disciplina	338.5
Soggetti	Mathematics Probabilities Risk assessment - Statistical methods
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Uncertainty in Risk Assessment: The Representation and Treatment of Uncertainties by Probabilistic and Non-Probabilistic Methods -- Contents -- Preface -- Part I: Introduction -- 1 Introduction -- 1.1 Risk -- 1.1.1 The concept of risk -- 1.1.2 Describing/measuring risk -- 1.1.3 Examples -- 1.2 Probabilistic risk assessment -- 1.3 Use of risk assessment: The risk management and decision-making context -- 1.4 Treatment of uncertainties in risk assessments -- 1.5 Challenges: Discussion -- 1.5.1 Examples -- 1.5.2 Alternatives to the probability-based approaches to risk and uncertainty assessment -- 1.5.3 The way ahead -- References - Part I -- Part II: Methods -- 2 Probabilistic approaches for treating uncertainty -- 2.1 Classical probabilities -- 2.2 Frequentist probabilities -- 2.3 Subjective probabilities -- 2.3.1 Betting interpretation -- 2.3.2 Reference to a standard for uncertainty -- 2.4 The Bayesian subjective probability framework -- 2.5 Logical probabilities -- 3 Imprecise probabilities for treating uncertainty -- 4

Possibility theory for treating uncertainty -- 4.1 Basics of possibility theory -- 4.2 Approaches for constructing possibility distributions -- 4.2.1 Building possibility distributions from nested probability intervals -- 4.2.2 Justification for using the triangular possibility distribution -- 4.2.3 Building possibility distributions using Chebyshev's inequality -- 5 Evidence theory for treating uncertainty -- 6 Methods of uncertainty propagation -- 6.1 Level 1 uncertainty propagation setting -- 6.1.1 Level 1 purely probabilistic framework -- 6.1.2 Level 1 purely possibilistic framework -- 6.1.3 Level 1 hybrid probabilistic-possibilistic framework -- 6.2 Level 2 uncertainty propagation setting -- 6.2.1 Level 2 purely probabilistic framework -- 6.2.2 Level 2 hybrid probabilistic-evidence theory framework -- 7 Discussion. 7.1 Probabilistic analysis -- 7.2 Lower and upper probabilities -- 7.3 Non-probabilistic representations with interpretations other than lower and upper probabilities -- 7.4 Hybrid representations of uncertainty -- 7.5 Semi-quantitative approaches -- References - Part II -- Part III: Practical Applications -- 8 Uncertainty representation and propagation in structural reliability analysis -- 8.1 Structural reliability analysis -- 8.1.1 A model of crack propagation under cyclic fatigue -- 8.2 Case study -- 8.3 Uncertainty representation -- 8.4 Uncertainty propagation -- 8.5 Results -- 8.6 Comparison to a purely probabilistic method -- 9 Uncertainty representation and propagation in maintenance performance assessment -- 9.1 Maintenance performance assessment -- 9.2 Case study -- 9.3 Uncertainty representation -- 9.4 Uncertainty propagation -- 9.4.1 Maintenance performance assessment in the case of no epistemic uncertainty on the parameters -- 9.4.2 Application of the hybrid probabilistic-theory of evidence uncertainty propagation method -- 9.5 Results -- 10 Uncertainty representation and propagation in event tree analysis -- 10.1 Event tree analysis -- 10.2 Case study -- 10.3 Uncertainty representation -- 10.4 Uncertainty propagation -- 10.5 Results -- 10.6 Comparison of the results to those obtained by using other uncertainty representation and propagation methods -- 10.6.1 Purely probabilistic representation and propagation of the uncertainty -- 10.6.2 Purely possibilistic representation and propagation of the uncertainty -- 10.7 Result comparison -- 10.7.1 Comparison of results -- 10.7.2 Comparison of the results for the probability of occurrence of a severe consequence accident -- 11 Uncertainty representation and propagation in the evaluation of the consequences of industrial activity -- 11.1 Evaluation of the consequences of undesirable events. 11.2 Case study -- 11.3 Uncertainty representation -- 11.4 Uncertainty propagation -- 11.5 Results -- 11.6 Comparison of the results to those obtained using a purely probabilistic approach -- 12 Uncertainty representation and propagation in the risk assessment of a process plant -- 12.1 Introduction -- 12.2 Case description -- 12.3 The "textbook" Bayesian approach (level 2 analysis) -- 12.4 An alternative approach based on subjective probabilities (level 1 analysis) -- References - Part III -- Part IV: Conclusions -- 13 Conclusions -- References - Part IV -- Appendix A: Operative procedures for the methods of uncertainty propagation -- A.1 Level 1 hybrid probabilistic-possibilistic framework -- A.2 Level 2 purely probabilistic framework -- Appendix B: Possibility-probability transformation -- Reference -- Index.

Sommario/riassunto

"There are a growing number of researchers and analysts who find the probability-based approaches for assessing risk and uncertainties to be too narrow and limiting. Uncertainty in Risk Assessment provides a broad conceptual framework and describes various alternative approaches of uncertainty representation and characterization therein

such as probability-bound analysis, imprecise probability and evidence theory. The authors, whose own research has been at the forefront of developments in the field, include a number of real-life applications which demonstrate the practical use of the various methods in the different realistic circumstances. They provide invaluable practical guidance and clear recommendations on how and when to use the various approaches"--

"Uncertainty in Risk Assessment addresses an important and current problem for which there are competing solutions"--
