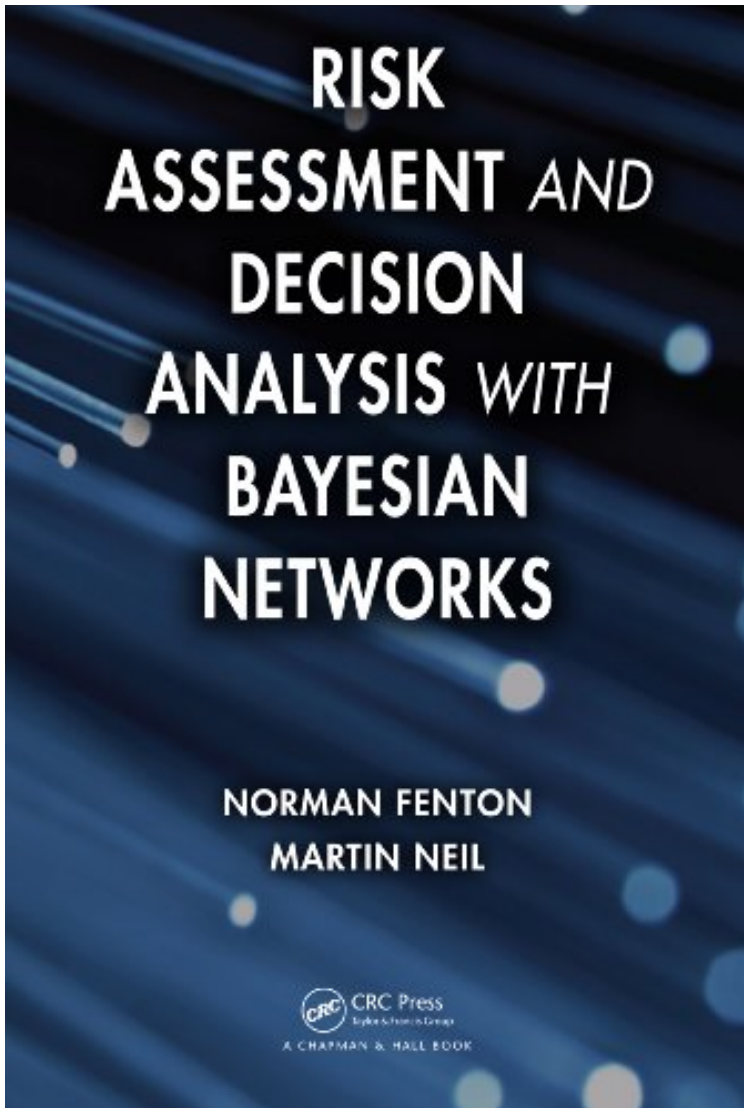


[FREE] File size: 44.Mb

# Risk Assessment and Decision Analysis with Bayesian Networks



*Par Norman Fenton, Martin Neil  
audiobook | \*ebooks | Download PDF |  
ePub | DOC*

Dtails sur le produit Rang parmi les ventes : #649836 dans eBooksPubli le: 2012-11-07Sorti le: 2012-11-07Format: Ebook Kindle

[FREE] Risk Assessment and Decision Analysis with Bayesian Networks

**Par Norman Fenton, Martin Neil : Risk Assessment and Decision Analysis with Bayesian Networks** before purchasing it in order to gage whether or not it would be worth my time, and all praised Risk Assessment and Decision Analysis with Bayesian Networks:

Download

Read Online

## Description :

Prsentation de l'diteurAlthough many Bayesian Network (BN) applications are now in everyday use, BNs have not yet achieved mainstream penetration. Focusing on practical real-world problem solving and model building, as opposed to algorithms and theory, Risk Assessment and Decision Analysis with Bayesian Networks explains how to incorporate knowledge with data to develop and use (Bayesian) causal models of risk that provide powerful insights and better decision making.Provides all tools necessary to build and run realistic Bayesian network modelsSupplies extensive example models based on real risk assessment problems in a wide range of application domains provided; for example, finance, safety, systems reliability,

law, and moreIntroduces all necessary mathematics, probability, and statistics as neededThe book first establishes the basics of probability, risk, and building and using BN models, then goes into the detailed applications. The underlying BN algorithms appear in appendices rather than the main text since there is no need to understand them to build and use BN models. Keeping the body of the text free of intimidating mathematics, the book provides pragmatic advice about model building to ensure models are built efficiently.A dedicated website, [www.BayesianRisk.com](http://www.BayesianRisk.com), contains executable versions of all of the models described, exercises and worked solutions for all chapters, PowerPoint slides, numerous other resources, and a free downloadable copy of the AgenaRisk software.

Présentation de l'auteurAlthough many Bayesian Network (BN) applications are now in everyday use, BNs have not yet achieved mainstream penetration. Focusing on practical real-world problem solving and model building, as opposed to algorithms and theory, *Risk Assessment and Decision Analysis with Bayesian Networks* explains how to incorporate knowledge with data to develop and use (Bayesian) causal models of risk that provide powerful insights and better decision making.Provides all tools necessary to build and run realistic Bayesian network modelsSupplies extensive example models based on real risk assessment problems in a wide range of application domains provided; for example, finance, safety, systems reliability, law, and moreIntroduces all necessary mathematics, probability, and statistics as neededThe book first establishes the basics of probability, risk, and building and using BN models, then goes into the detailed applications. The underlying BN algorithms appear in appendices rather than the main text since there is no need to understand them to build and use BN models. Keeping the body of the text free of intimidating mathematics, the book provides pragmatic advice about model building to ensure models are built efficiently.A dedicated website, [www.BayesianRisk.com](http://www.BayesianRisk.com), contains executable versions of all of the models described, exercises and worked solutions for all chapters, PowerPoint slides, numerous other resources, and a free downloadable copy of the AgenaRisk software.