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Autore	Caers Jef
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Nota di contenuto	Cover -- Title Page -- Copyright -- Contents -- List of Contributors -- Preface -- Acknowledgments -- Chapter 1 Real-World Decision-Making Cases -- Chapter 2 Decision-Making Under Uncertainty Using Artificial Intelligence -- Chapter 3 Data Science and Machine Learning for Uncertainty Quantification -- Chapter 4 Sensitivity Analysis -- Chapter 5 How to Think About Uncertainty: A Popper-Bayes Philosophy -- Chapter 6 Geological Priors and Inversion -- Chapter 7 A Popper-Bayes Protocol for Uncertainty Quantification in the Context of Decision-Making -- Chapter 8 Decision-Making in Developing Earth Resources -- Chapter 9 Software Engineering and Implementation -- INDEX -- EULA.
Sommario/riassunto	Earth's subsurface offers many vital resources--such as minerals, geothermal energy, and clean water--but decisions regarding exploration and extraction must balance resource value against environmental impact.This can only be addressed by accepting uncertainty as an integral part of most decisions.