1.	Record Nr.	UNINA9910746958603321
	Titolo	Advances in Best-Worst Method : Proceedings of the Fourth International Workshop on Best-Worst Method (BWM2023) / / edited by Jafar Rezaei, Matteo Brunelli, and Majid Mohammadi
	Pubbl/distr/stampa	Cham, Switzerland : , : Springer, , [2023] ©2023
	ISBN	3-031-40328-2
	Edizione	[First edition.]
	Descrizione fisica	1 online resource (x, 247 pages) : illustrations (chiefly color)
	Collana	Lecture Notes in Operations Research Series
	Disciplina	733
	Soggetti	Decision making
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di bibliografia	Includes bibliographical references.
	Nota di contenuto	Intro -- Committees -- Preface -- Contents -- 1 Probabilistic Group Decision-Making Using BWT -- Introduction -- Multi-attribute Value Theory -- Trade-Off Method -- Best-Worst Trade-off -- Bayesian Best-Worst Trade-Off: A Probabilistic Group Decision-Making Model -- Numerical Examples -- Conclusions -- References -- 2 Robust Stakeholder-Based Group-Decision Making Framework: The Multi-Actor Multi-Criteria Analysis (MAMCA) with the Integration of Best-Worst Method (BWM) -- Introduction -- Literature Review: MAMCA Framework and the Possibility of Integration of BWM -- Robust MAMCA-BWM Framework -- Case Illustration -- Conclusion -- References -- 3 A Consistent and Consensual Best-Worst Method and Its Application to Salespersons' Performance Evaluation Problem -- Introduction -- Literature Review -- Preliminaries -- Consensus Reaching Processes -- Best-Worst Method -- The Proposed Method -- Case Study -- Discussion -- Conclusion -- References -- 4 Which Prioritization Method Is Better for Deriving Priority from Best-Worst Preferences? A Theoretical and Experimental Analysis -- Introduction -- Background -- Best-Worst Method -- Prioritization Methods -- Analyzing the Prioritization Methods -- Analytic Solution -- Experimental Performance Measures -- Conclusions -- References -- 5 A Hesitant Multiplicative Best-Worst Method for Multiple Criteria Decision-Making -- Introduction -- Preliminaries -- HMPR -- Bwm --

| Sommario/riassunto | This proceedings book contains selected papers from the Fourth International Workshop on Best-Worst Method (BWM2023), held in Delft, the Netherlands, from 8 to 9 June 2023. It presents recent advancements in theory and applications of the Best-Worst Method (BWM). It provides valuable insights on why and how to use BWM in a diverse set of applications including health, energy, supply chain management, and engineering. The book highlights the use of BWM in different settings including single decision-making vs group decision- |

making, full information vs incomplete and uncertain situations. Academics and practitioners who are involved in multi-criteria decision-making and decision analysis benefit from the papers published in this book.