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Titolo	Advanced Studies in Behaviormetrics and Data Science [[electronic resource]] : Essays in Honor of Akinori Okada / / edited by Tadashi Imaizumi, Atsuho Nakayama, Satoru Yokoyama
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ISBN	981-15-2700-8
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (XV, 472 p. 136 illus., 69 illus. in color.)
Collana	Behaviormetrics: Quantitative Approaches to Human Behavior, , 2524-4027 ; ; 5
Disciplina	658.8342
Soggetti	Statistics
	Motivation research (Marketing)
	Mathematics
	Visualization
	Social sciences
	Psychometrics
	Statistics for Social Sciences, Humanities, Law
	Statistical Theory and Methods
	Consumer Behavior
	Methodology of the Social Sciences
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Nota di contenuto	Co-clustering for object by variable data matrices -- How to use the Hermitian Form Model for asymmetric MDS -- Asymmetric scaling models for square contingency tables: points, circles, arrows, and odds ratios -- Comparing partitions of the Petersen graph -- Minkowski distances and standardisation for clustering and classification on high dimensional data. .
Sommario/riassunto	This book focuses on the latest developments in behaviormetrics and data science, covering a wide range of topics in data analysis and related areas of data science, including analysis of complex data, analysis of qualitative data, methods for high-dimensional data, dimensionality reduction, visualization of such data, multivariate statistical methods, analysis of asymmetric relational data, and various

applications to real data. In addition to theoretical and methodological results, it also shows how to apply the proposed methods to a variety of problems, for example in consumer behavior, decision making, marketing data, and social network structures. Moreover, it discuses methodological aspects and applications in a wide range of areas, such as behaviormetrics; behavioral science; psychology; and marketing, management and social sciences. Combining methodological advances with real-world applications collected from a variety of research fields, the book is a valuable resource for researchers and practitioners, as well as for applied statisticians and data analysts. .