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	Titolo	Conference Matrices for Optimizing and Applications : High-Precision Estimation Method with Small Number of Experiments / / by Teruo Mori
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	ISBN	981-9968-39-9
	Edizione	[1st ed. 2024.]
	Descrizione fisica	1 online resource (XIX, 254 p. 146 illus., 82 illus. in color.)
	Disciplina	512.9434
	Soggetti	Engineering design
		Experimental design
		Ecology
		Engineering Design
		Design of Experiments
		Environmental Sciences
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di contenuto	Introduction -- Theory and Analysis -- Conference matrices and families -- Regression Analysis -- Quality improvements -- Parameter design.
	Sommario/riassunto	This book describes many types of Conference matrices and shows the case studies of application. Also, this book deals with putting the operation procedure and data analysis for optimizing. After reading this book, many researchers in universities or industries directly can apply various methods in this book to researching subjects, the trial numbers, and cost. And it saves time around 1/3–1/2 in total research activities. Especially, this book contributes SDGs and saving GLOBAL warming which need to countermeasures as well.