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Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	1.Introduction -- 2. Motivation -- 3.Locally Optimal Designs -- 4.Static Design -- 5.Sequential Designs -- 6.Approximate Confidence Regions -- 7.Working with Data: Simulation Studies -- 8.A Case Study: Optimal Designs in Rythmometry -- 9.Discussion -- References -- A1. Caratheodory's Theorem -- A2.Silvapulle's Theorem -- A3.Conditional Inverse -- A4.Simulation I Results, Tables 7.1 – 7.5 -- A5.Simulation II Results, Tables 7.7 – 7.14.
Sommario/riassunto	This book tackles the Optimal Non-Linear Experimental Design problem from an applications perspective. At the same time it offers extensive mathematical background material that avoids technicalities, making it accessible to non-mathematicians: Biologists, Medical Statisticians, Sociologists, Engineers, Chemists and Physicists will find new approaches to conducting their experiments. The book is recommended for Graduate Students and Researchers.