1. Record Nr. UNINA9910712401903321

Titolo	Grid optimization with solar (GO-Solar) experiences with : data-driven and machine learning approaches for high-pen PV grids
Pubbl/distr/stampa	National Renewable Energy Laboratory Golden, Colo
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9910677763503321

Autore	Wu Chien-Fu
Titolo	Experiments : Planning, Analysis, and Optimization / / Chien-Fu Wu, Michael S. Hamada
Pubbl/distr/stampa	Hoboken, NJ : , : John Wiley & Sons, Inc., , 2021
ISBN	1-119-47015-3 1-5231-3732-0 1-119-47012-9 1-119-47000-5
Edizione	[Third Edition.]
Descrizione fisica	1 online resource (xxxiii, 700 pages) : illustrations
Collana	Wiley series in probability and statistics
Disciplina	519.5
Soggetti	Experimental design Mathematics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes indexes.
Sommario/riassunto	"This Third Edition covers design of experiments and integrates computer experiments with other design topics. The main changes in this Third Edition are two new chapters, one on computer experiments, the other on optimal design. Computer experiments have become very popular in experimental design because increasingly more and more

experiments are conducted on a computer, such as running finite element simulations, instead of conducting physical experiments. This book starts each chapter with a real experiment. Then, the authors develop the needed tools in subsequent sections. Finally, the chapter ends with the application of these tools to the experiment. Each chapter includes exercises, and the authors have added new exercise problems with selected solutions to the Instructor's solutions manual. This is an ideal book for design of experiments courses at the upper-undergraduate and graduate levels. It is also a valuable resource for practicing engineers and statisticians. Design of experiments (DOE) is a systematic method to determine the relationship between factors affecting a process and the output of that process. In other words, it is used to find cause-and-effect relationships. This information is needed to manage process inputs in order to optimize the output"--