

1. Record Nr.	UNINA9910138960203321
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Titolo	Statistical robust design : an industrial perspective // Magnus Arner
Pubbl/distr/stampa	Chichester, England : , : Wiley, , 2014 ©2014
ISBN	1-118-84195-6 1-118-84200-6 1-118-84194-8
Descrizione fisica	1 online resource (246 p.)
Disciplina	745.2
Soggetti	Industrial design - Statistical methods Robust statistics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Statistical Robust Design; Contents; Preface; 1 What is robust design?; 1.1 The importance of small variation; 1.2 Variance reduction; 1.3 Variation propagation; 1.4 Discussion; 1.4.1 Limitations; 1.4.2 The outline of this book; Exercises; 2 DOE for robust design, part 1; 2.1 Introduction; 2.1.1 Noise factors; 2.1.2 Control factors; 2.1.3 Control-by-noise interactions; 2.2 Combined arrays: An example from the packaging industry; 2.2.1 The experimental array; 2.2.2 Factor effect plots; 2.2.3 Analytical analysis and statistical significance; 2.2.4 Some additional comments on the plotting 2.3 Dispersion effects Exercises; Reference; 3 Noise and control factors; 3.1 Introduction to noise factors; 3.1.1 Categories of noise; 3.2 Finding the important noise factors; 3.2.1 Relating noise to failure modes; 3.2.2 Reducing the number of noise factors; 3.3 How to include noise in a designed experiment; 3.3.1 Compounding of noise factors; 3.3.2 How to include noise in experimentation; 3.3.3 Process parameters; 3.4 Control factors; Exercises; References; 4 Response, signal, and P diagrams; 4.1 The idea of signal and response; 4.1.1 Two situations; 4.2 Ideal functions and P diagrams 4.2.1 Noise or signal factor 4.2.2 Control or signal factor; 4.2.3 The

scope; 4.3 The signal; 4.3.1 Including a signal in a designed experiment; Exercises; 5 DOE for robust design, part 2; 5.1 Combined and crossed arrays; 5.1.1 Classical DOE versus DOE for robust design; 5.1.2 The structure of inner and outer arrays; 5.2 Including a signal in a designed experiment; 5.2.1 Combined arrays with a signal; 5.2.2 Inner and outer arrays with a signal; 5.3 Crossed arrays versus combined arrays; 5.3.1 Differences in factor aliasing; 5.4 Crossed arrays and split-plot designs
8 Mathematics of robust design 8.1 Notational system; 8.2 The objective function; 8.2.1 Multidimensional problems; 8.2.2 Optimization in the presence of a signal; 8.2.3 Matrix formulation; 8.2.4 Pareto optimality; 8.3 ANOVA for robust design; 8.3.1 Traditional ANOVA; 8.3.2 Functional ANOVA; 8.3.3 Sensitivity indices; Exercises; References; 9 Design and analysis of computer experiments; 9.1 Overview of computer experiments; 9.1.1 Robust design; 9.2 Experimental arrays for computer experiments; 9.2.1 Screening designs; 9.2.2 Space filling designs; 9.2.3 Latin hypercubes 9.2.4 Latin hypercube designs and alphabetical optimality criteria

Sommario/riassunto

Robust Design is an important topic in many areas of the manufacturing industry, there is little on the market that provides adequate coverage. This book deals with the statistical theory of how to design products to be robust against random variation in "noise". It adopts a practice-oriented approach to robust design, digressing from the traditional Taguchi approach. Examples featured are taken from an industrial setting to illustrate how to make use of statistics to identify robust design solutions.

2. Record Nr.	UNINA9910555094803321
Titolo	A companion to feminist art // edited by Hilary Robinson, Maria Elena Buszek
Pubbl/distr/stampa	Hoboken, NJ : , : Wiley Blackwell, , 2019
ISBN	1-118-92919-5 1-118-92918-7 1-118-92917-9
Descrizione fisica	1 online resource (589 pages)
Disciplina	700.103
Soggetti	Feminism in art Feminism - Political aspects Feminist art criticism Feminisme en l'art Política en l'art Feminisme Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	"This book, however, comes to the term 'feminist art' from a different direction. As editors, we have approached 'art' as a dynamic set of material and theoretical practices in the realm of culture, and 'feminism' as an equally dynamic set of activist and theoretical practices in the realm of politics. Given that culture and politics constantly intersect and work upon each other, 'feminist art' for us is the space and place - the site - where feminist politics and the domain of art-making intersect"--

3. Record Nr.	UNIORUON00252227
Titolo	Patologie della politica : crisi e critica della democrazia tra Otto e Novecento / a cura di Maria Donzelli e Regina Pozzi ; saggi di M. Battini,... [et al.]
Pubbl/distr/stampa	Roma, : Donzelli, 2003
ISBN	88-7989-768-3
Descrizione fisica	VIII, 435 p. ; 22 cm.
Disciplina	321.8094
Soggetti	Democrazia - Europa - Sec. 19.-20
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia