1. Record Nr. UNISA996200077803316

Autore	Lauwereins Rudy
Titolo	2007 Design, Automation & Test in Europe Conference & Exhibition : Nice, France, 16-20 April 2007
Pubbl/distr/stampa	[Place of publication not identified], : IEEE, 2007
Descrizione fisica	1 online resource (1741 p.;)
Collana	ACM Conferences
Disciplina	621.381
Soggetti	Electronic systems - Design and construction Electronic circuit design - Data processing Computer-aided design - Automation Electronic industries Electrical & Computer Engineering Electrical Engineering Engineering & Applied Sciences
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
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Autore	Shardt Yuri A. W.
Titolo	Using MATLAB to Solve Statistical Problems : A Practical Guide to the Book “Statistics for Chemical and Process Engineers” / / by Yuri A.W. Shardt
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2023
ISBN	3-031-40299-5
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (74 pages)
Collana	Springer essentials, , 2731-3115
Disciplina	519.4/0285
Soggetti	Automatic control Industrial engineering Production engineering Control and Systems Theory Industrial and Production Engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Introduction to MATLAB® -- Data Visualisation -- Chapter 2 : Data Visualisation -- Theoretical Statistics, Distributions, Hypothesis Testing, and Confidence Intervals -- Regression Analysis and Design of Experiments.
Sommario/riassunto	This companion book to the textbook Statistics for Chemical and Process EngineersA Modern Approach provides a complete overview of how to use Matlab to solve typical statistical problems in engineering. In addition to short sections on the required theory, the focus of the book is on detailed, line-by-line MATLAB code for solving the specific problems. Furthermore, solutions are provided for standard problems that can then be re-used and modified as necessary. End-of-chapter questions allow the reader to independently test the knowledge acquired. Content Detailed solutions for problems in Data visualisation Hypothesis testing Linear and nonlinear regression Design of experiments Time-series analysis System identification Target Groups Students and engineers that wish to solve statistical problems using Matlab Professors and instructors that wish to use Matlab in their courses The Author Prof. Dr. Yuri A.W. Shardt is currently the chair of

the Department of Automation Engineering (de: Fachgebiet Automatisierungstechnik) at the Technical University of Ilmenau.