1. Record Nr. UNISALENTO991002177049707536

Titolo	Bourgogne romane / Jean Baudry ... [et al.] ; traduction anglaise de Paul Veyriras ; traduction allemande de Albert Delfosse
Pubbl/distr/stampa	[Paris] : Zodiaque, 1962
Edizione	[4. ed.]
Descrizione fisica	260 p. : ill. ; 23 cm
Collana	La nuit des temps
Altri autori (Persone)	Baudry, Jeanauthor Delfosse, Albert Veyriras, Paul
Disciplina	723.4
Soggetti	Architettura romanica - Francia
Lingua di pubblicazione	Francese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Riassunti in inglese e tedesco

2. Record Nr. UNINA9910783071603321

Autore	George Kenneth Desmond
Titolo	Industrial organisation : competition, growth, and structural change / / Kenneth D. George, Caroline Joll, and E.L. Lynk
Pubbl/distr/stampa	London ; ; New York : , : Routledge, , 1992
ISBN	1-134-89862-2 1-134-89863-0 1-280-16507-3 0-203-98035-2
Edizione	[4th ed.]
Descrizione fisica	1 online resource (483 p.)
Altri autori (Persone)	JollCaroline LynkE. L
Disciplina	338.7/0941
Soggetti	Industrial organization (Economic theory) Industries - Great Britain Industries - European Economic Community countries Industries - United States
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 (p. [430]-443) and index.
Nota di contenuto	Book Cover; Half-Title; Title; Copyright; Contents; Tables and figures; Preface; Introduction; Chapter 1 Structural change; 1.1 INTRODUCTION; 1.2 LONG-TERM CHANGES IN SECTOR SHARES; 1.3 SERVICE SECTOR PRODUCTIVITY; 1.4 MANUFACTURING INDUSTRY; Importance of the decline in manufacturing; Reasons for the decline in manufacturing; Changes in output and productivity-cumulative causation; The role of investment; The exchange rate; Labour costs and productivity; 1.5 SOME POLICY ISSUES; Acknowledgement; Chapter 2 Business goals and behaviour; 2.1 INTRODUCTION; 2.2 PROBLEMS WITH PROFIT MAXIMISATION Uncertainty Organisational complexity; Employment relations; Organisational form; 2.3 MANAGERIAL OBJECTIVES; The Behavioural School approach; Alternatives to profit maximisation; The divorce between ownership and control; Managerial motivation; 2.4 MANAGERIAL THEORIES OF THE FIRM; Discretionary expenditures; Sales maximisation; Growth maximisation; An assessment of non-profit-

maximising theories of the firm; 2.5 CONSTRAINTS ON MANAGERIAL DECISION-MAKING; Shareholder control; Product markets; Internal growth as a control mechanism; Capital markets; Chapter 3 The growth of firms
3.1 INTRODUCTION The ability to grow and the desire for growth; Determinants-a brief review; 3.2 VERTICAL INTEGRATION; Vertical integration as a process; Cost minimisation; Security and control of the market environment; Bilateral monopoly; Monopoly power; Forces limiting the incentive to integrate; Bargaining power of large buyers; Customer attachments and goodwill; 3.3 DIVERSIFICATION; Motives for diversification; Uncertainty; Growth; Market power; The direction of diversification; The extent of diversification; 3.4 ACQUISITIONS AND MERGERS; Motives of the acquired firm
Motives of the acquiring firm Economies of scale; Complementarities; Speed and safety factors; Monopoly and market power; A market for corporate control; Financial and promotional factors; 3.5 LIMITS TO GROWTH; Chapter 4 Business performance; 4.1 INTRODUCTION; 4.2 SIZE, GROWTH AND PROFITABILITY; Size and profitability; Growth and profitability; Size and growth; 4.3 THE EFFECTS OF MERGERS; Stock market discipline; Mergers, profitability and efficiency; Mergers, investment and growth; 4.4 AGGREGATE CONCENTRATION; Predictions; Evidence; 4.5 THE LARGE DIVERSIFIED FIRM AND RESOURCE ALLOCATION
Quantitative importance of diversification Consequences for resource allocation; Chapter 5 Market structure; 5.1 INTRODUCTION; 5.2 SELLER CONCENTRATION; The measurement of concentration; The concentration ratio; The Herfindahl index; The entropy coefficient; The variance of logs; Assessment of different concentration measures; Empirical evidence on seller concentration; Determinants of concentration; Economies of scale; Sources of economies of scale; Measuring economies of scale; Changes in concentration; 5.3 OTHER DIMENSIONS OF MARKET STRUCTURE; Barriers to entry; Vertical integration
Diversification

Sommario/riassunto

As most economies remain caught in a global recession, that shows little sign of abatement, the importance of maintaining a flourishing industrial sector for the economic wellbeing of a country has rarely been so relevant.Industrial Organisation has long served as a basic introduction to this subject. The book is concerned with economic problems and policy issues that arise from the activities of firms. The authors reject the traditional micro-economic analysis of market structure in favour of studying conduct and performance in the context of macro-economic policy and the environ

3.

Record Nr.	UNINA9910830963703321
Autore	Schoukens J. (Johan)
Titolo	Mastering system identification in 100 exercises / / Johan Schoukens, Rik Pintelon, Yves Rolain
Pubbl/distr/stampa	Picataway : , : IEEE Press, , c2012 [Piscataqay, New Jersey] : , : IEEE Xplore, , [2012]
ISBN	1-280-67357-5 9786613650504 1-118-21852-3 1-118-21853-1 1-118-21850-7
Descrizione fisica	1 online resource (284 p.)
Classificazione	TEC032000
Altri autori (Persone)	PintelonR (Rik) RolainYves
Disciplina	519.5
Soggetti	System identification Linear systems - Mathematical models - Quality control
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 and indexes.
Nota di contenuto	Preface xiii -- Acknowledgments xv -- Abbreviations xvii -- 1 Identification 1 -- 1.1 Introduction 1 -- 1.2 Illustration of Some Important Aspects of System Identification 2 -- Exercise 1 .a (Least squares estimation of the value of a resistor) 2 -- Exercise 1 .b (Analysis of the standard deviation) 3 -- Exercise 2 (Study of the asymptotic distribution of an estimate) 5 -- Exercise 3 (Impact of noise on the regressor (input) measurements) 6 -- Exercise 4 (Importance of the choice of the independent variable or input) 7 -- Exercise 5.a (combining measurements with a varying SNR: Weighted least squares estimation) 8 -- Exercise 5.b (Weighted least squares estimation: A study of the variance) 9 -- Exercise 6 (Least squares estimation of models that are linear in the parameters) 11 -- Exercise 7 (Characterizing a 2-dimensional parameter estimate) 12 -- 1.3 Maximum Likelihood Estimation for Gaussian and Laplace Distributed Noise 14 -- Exercise 8 (Dependence of the optimal cost function on the distribution of the disturbing noise) 14 -- 1.4 Identification for Skew

Distributions with Outliers 16 -- Exercise 9 (Identification in the presence of outliers) 16 -- 1.5 Selection of the Model Complexity 18 -- Exercise 10 (Influence of the number of parameters on the model uncertainty) 18 -- Exercise 11 (Model selection using the AIC criterion) 20 -- 1.6 Noise on Input and Output Measurements: The IV Method and the EIV Method 22 -- Exercise 12 (Noise on input and output: The instrumental variables method applied on the resistor estimate) 23 -- Exercise 13 (Noise on input and output: the errors-in-variables method) 25 -- 2 Generation and Analysis of Excitation Signals 29 -- 2.1 Introduction 29 -- 2.2 The Discrete Fourier Transform (DFT) 30 -- Exercise 14 (Discretization in time: Choice of the sampling frequency: ALIAS) 31 -- Exercise 15 (Windowing: Study of the leakage effect and the frequency resolution) 31 -- 2.3 Generation and Analysis of Multisines and Other Periodic Signals 33.
Exercise 16 (Generate a sine wave, noninteger number of periods measured) 34 -- Exercise 17 (Generate a sine wave, integer number of periods measured) 34 -- Exercise 18 (Generate a sine wave, doubled measurement time) 35 -- Exercise 19.a (Generate a sine wave using the MATLAB IFFT instruction) 37 -- Exercise 19.b (Generate a sine wave using the MATLAB IFFT instruction, defining only the first half of the spectrum) 37 -- Exercise 20 (Generation of a multisine with flat amplitude spectrum) 38 -- Exercise 21 (The swept sine signal) 39 -- Exercise 22.a (Spectral analysis of a multisine signal, leakage present) 40 -- Exercise 22.b (Spectral analysis of a multisine signal, no leakage present) 40 -- 2.4 Generation of Optimized Periodic Signals 42 -- Exercise 23 (Generation of a multisine with a reduced crest factor using random phase generation) 42 -- Exercise 24 (Generation of a multisine with a minimal crest factor using a crest factor minimization algorithm) 42 -- Exercise 25 (Generation of a maximum length binary sequence) 45 -- Exercise 26 (Tuning the parameters of a maximum length binary sequence) 46 -- 2.5 Generating Signals Using The Frequency Domain Identification Toolbox (FDIDENT) 46 -- Exercise 27 (Generation of excitation signals using the FDIDENT toolbox) 47 -- 2.6 Generation of Random Signals 48 -- Exercise 28 (Repeated realizations of a white random noise excitation with fixed length) 48 -- Exercise 29 (Repeated realizations of a white random noise excitation with increasing length) 49 -- Exercise 30 (Smoothing the amplitude spectrum of a random excitation) 49 -- Exercise 31 (Generation of random noise excitations with a user-imposed power spectrum) 50 -- Exercise 32 (Amplitude distribution of filtered noise) 51 -- 2.7 Differentiation, Integration, Averaging, and Filtering of Periodic Signals 52 -- Exercise 33 (Exploiting the periodic nature of signals: Differentiation, integration, +averaging, and filtering) 52 -- 3 FRF Measurements 55 -- 3.1 Introduction 55.
3.2 Definition of the FRF 56 -- 3.3 FRF Measurements without Disturbing Noise 57 -- Exercise 34 (Impulse response function measurements) 57 -- Exercise 35 (Study of the sine response of a linear system: transients and steady-state) 58 -- Exercise 36 (Study of a multisine response of a linear system: transients and steady-state) 59 -- Exercise 37 (FRF measurement using a noise excitation and a rectangular window) 61 -- Exercise 38 (Revealing the nature of the leakage effect in FRF measurements) 61 -- Exercise 39 (FRF measurement using a noise excitation and a Hanning window) 64 -- Exercise 40 (FRF measurement using a noise excitation and a diff window) 65 -- Exercise 41 (FRF measurements using a burst excitation) 66 -- 3.4 FRF Measurements in the Presence of Disturbing Output Noise 68 -- Exercise 42 (Impulse response function measurements in the presence of output noise) 69 -- Exercise 43 (Measurement of the

FRF using a random noise sequence and a random phase multisine in the presence of output noise) 70 -- Exercise 44 (Analysis of the noise errors on FRF measurements) 71 -- Exercise 45 (Impact of the block (period) length on the uncertainty) 73 -- 3.5 FRF Measurements in the Presence of Input and Output Noise 75 -- Exercise 46 (FRF measurement in the presence of input/output disturbances using a multisine excitation) 75 -- Exercise 47 (Measuring the FRF in the presence of input and output noise: Analysis of the errors) 75 -- Exercise 48 (Measuring the FRF in the presence of input and output noise: Impact of the block (period) length on the uncertainty) 76 -- 3.6 FRF Measurements of Systems Captured in a Feedback Loop 78 -- Exercise 49 (Direct measurement of the FRF under feedback conditions) 78 -- Exercise 50 (The indirect method) 80 -- 3.7 FRF Measurements Using Advanced Signal Processing Techniques: The LPM 82 -- Exercise 51 (The local polynomial method) 82 -- Exercise 52 (Estimation of the power spectrum of the disturbing noise) 84 -- 3.8 Frequency Response Matrix Measurements for MIMO Systems 85.
Exercise 53 (Measuring the FRM using multisine excitations) 85 -- Exercise 54 (Measuring the FRM using noise excitations) 86 -- Exercise 55 (Estimate the variance of the measured FRM) 88 -- Exercise 56 (Comparison of the actual and theoretical variance of the estimated FRM) 88 -- Exercise 57 (Measuring the FRM using noise excitations and a Hanning window) 89 -- 4 Identification of Linear Dynamic Systems 91 -- 4.1 Introduction 91 -- 4.2 Identification Methods that Are Linear-in-the-Parameters. The Noiseless Setup 93 -- Exercise 58 (Identification in the time domain) 94 -- Exercise 59 (Identification in the frequency domain) 96 -- Exercise 60 (Numerical conditioning) 97 -- Exercise 61 (Simulation and one-step-ahead prediction) 99 -- Exercise 62 (Identify a too-simple model) 100 -- Exercise 63 (Sensitivity of the simulation and prediction error to model errors) 101 -- Exercise 64 (Shaping the model errors in the time domain: Prefiltering) 102 -- Exercise 65 (Shaping the model errors in the frequency domain: frequency weighting) 102 -- 4.3 Time domain Identification using parametric noise models 104 -- Exercise 66 (One-step-ahead prediction of a noise sequence) 105 -- Exercise 67 (Identification in the time domain using parametric noise models) 108 -- Exercise 68 (Identification Under Feedback Conditions Using Time Domain Methods) 109 -- Exercise 69 (Generating uncertainty bounds for estimated models) 111 -- Exercise 70 (Study of the behavior of the BJ model in combination with prefiltering) 113 -- 4.4 Identification Using Nonparametric Noise Models and Periodic Excitations 115 -- Exercise 71 (Identification in the frequency domain using nonparametric noise models) 117 -- Exercise 72 (Emphasizing a frequency band) 119 -- Exercise 73 (Comparison of the time and frequency domain identification under feedback) 120 -- 4.5 Frequency Domain Identification Using Nonparametric Noise Models and Random Excitations 122 -- Exercise 74 (Identification in the frequency domain using nonparametric noise models and a random excitation) 122.
4.6 Time Domain Identification Using the System Identification Toolbox 123 -- Exercise 75 (Using the time domain identification toolbox) 124 -- 4.7 Frequency Domain Identification Using the Toolbox FDIDENT 129 -- Exercise 76 (Using the frequency domain identification toolbox FDIDENT) 129 -- 5 Best Linear Approximation of Nonlinear Systems 137 -- 5.1 Response of a nonlinear system to a periodic input 137 -- Exercise 77.a (Single sine response of a static nonlinear system) 138 -- Exercise 77.b (Multisine response of a static nonlinear system) 139 -- Exercise 78 (Uniform versus Pointwise Convergence) 142 -- Exercise 79.a (Normal operation, subharmonics, and chaos) 143 -- Exercise 79.

b (Influence initial conditions) 146 -- Exercise 80 (Multisine response of a dynamic nonlinear system) 147 -- Exercise 81 (Detection, quantification, and classification of nonlinearities) 148 -- 5.2 Best Linear Approximation of a Nonlinear System 150 -- Exercise 82 (Influence DC values signals on the linear approximation) 151 -- Exercise 83.a (Influence of rms value and pdf on the BLA) 152 -- Exercise 83.b (Influence of power spectrum coloring and pdf on the BLA) 154 -- Exercise 83.c (Influence of length of impulse response of signal filter on the BLA) 156 -- Exercise 84.a (Comparison of Gaussian noise and random phase multisine) 158 -- Exercise 84.b (Amplitude distribution of a random phase multisine) 160 -- Exercise 84.c (Influence of harmonic content multisine on BLA) 162 -- Exercise 85 (Influence of even and odd nonlinearities on BLA) 165 -- Exercise 86 (BLA of a cascade) 167 -- 5.3 Predictive Power of The Best Linear Approximation 172 -- Exercise 87.a (Predictive power BLA - static NL system) 172 -- Exercise 87.b (Properties of output residuals - dynamic NL system) 174 -- Exercise 87.c (Predictive power of BLA - dynamic NL system) 178 -- 6 Measuring the Best Linear Approximation of a Nonlinear System 183 -- 6.1 Measuring the Best Linear Approximation 183 -- Exercise 88.a (Robust method for noisy FRF measurements) 186.
Exercise 88.b (Robust method for noisy input/output measurements without reference signal) 190 -- Exercise 88.c (Robust method for noisy input/output measurements with reference signal) 195 -- Exercise 89.a (Design of baseband odd and full random phase multisines with random harmonic grid) 197 -- Exercise 89.b (Design of bandpass odd and full random phase multisines with random harmonic grid) 197 -- Exercise 89.c (Fast method for noisy input/output measurements - open loop example) 203 -- Exercise 89.d (Fast method for noisy input/output measurements - closed loop example) 207 -- Exercise 89.e (Bias on the estimated odd and even distortion levels) 211 -- Exercise 90 (Indirect method for measuring the best linear approximation) 215 -- Exercise 91 (Comparison robust and fast methods) 216 -- Exercise 92 (Confidence intervals for the BLA) 219 -- Exercise 93 (Prediction of the bias contribution in the BLA) 221 -- Exercise 94 (True underlying linear system) 222 -- 6.2 Measuring the nonlinear distortions 224 -- Exercise 95 (Prediction of the nonlinear distortions using random harmonic grid multisines) 225 -- Exercise 96 (Pros and cons full-random and odd-random multisines) 230 -- 6.3 Guidelines 233 -- 6.4 Projects 233 -- 7 Identification of Parametric Models in the Presence of Nonlinear Distortions 239 -- 7.1 Introduction 239 -- 7.2 Identification of the Best Linear Approximation Using Random Excitations 240 -- Exercise 97 (Parametric estimation of the best linear approximation) 240 -- 7.3 Generation of Uncertainty Bounds? 243 -- Exercise 98 243 -- 7.4 Identification of the best linear approximation using periodic excitations 245 -- Exercise 99 (Estimate a parametric model for the best linear approximation using the Fast Method) 246 -- Exercise 100 (Estimating a parametric model for the best linear approximation using the robust method) 251 -- 7.5 Advises and conclusions 252 -- References 255 -- Subject Index 259 -- Reference Index 263.

Sommario/riassunto

"This book enables readers to understand system identification and linear system modeling through 100 practical exercises without requiring complex theoretical knowledge. The contents encompass state-of-the-art system identification methods, with both time and frequency domain system identification methods covered, including the pros and cons of each. Each chapter features MATLAB exercises, discussions of the exercises, accompanying MATLAB downloads, and

larger projects that serve as potential assignments in this learn-by-doing resource"--

4. Record Nr. UNINA9910346682703321

Autore	Stratakis Emmanuel
Titolo	Novel Biomaterials for Tissue Engineering 2018 / Emmanuel Stratakis
Pubbl/distr/stampa	MDPI - Multidisciplinary Digital Publishing Institute, 2019 Basel, Switzerland : , : MDPI, , 2019
ISBN	9783038975441 3038975443
Descrizione fisica	1 electronic resource (426 p.)
Soggetti	Biotechnology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	The concept of regenerating tissues, with properties and functions that mimic natural tissues, has attracted significant attention in recent years. It provides potential solutions for treating many diseases and other healthcare issues. To fully realize the potential of the approach, it is crucial to have a rational biomaterial design to create novel scaffolds, and other materials systems suitable for tissue engineering, repair and regeneration. Research advances on the topic include the design of new biomaterials and their composites, the scaffold fabrication via subtractive and additive manufacturing approaches, the development of implantable scaffolds for disease monitoring, diagnostics, and treatment, as well as the understanding of cells-biomaterial scaffolds interaction. This Special Issue, "Novel Biomaterials for Tissue Engineering", covers a selection of timely research activities in the field of biomaterials for tissue engineering and regeneration purposes. Promising findings on different approaches to design and develop new biomaterials, biomaterial systems and methods for tissue engineering, are presented and discussed. Recent advances in biofabrication

techniques for tissue engineering are additionally demonstrated. The issue comprises a series of state-of-the-art experimental works, up-to-date review articles and commentaries.]