

# Dynamic Pricing Of Perishable Assets Under Competition

Rigorous treatments of issues related to congestion pricing are described in this book. It examines recent advances in areas such as mathematical and computational models for predicting traffic congestion, determining when, where, and how much to levy tolls, and analyzing the impact on transportation systems. The book follows recent schemes judged to be successful in London, Singapore, Norway, as well as a number of projects in the United States.

Infrastructure managers in railway systems are striving to have as efficient track utilization as possible. There are no unanimous interpretation of efficiency in terms of track utilization, but the aim of the Swedish Transport Administration is to allocate track capacity such that societal benefit is maximized. This means that the tracks should be used by as much traffic as possible and by traffic that provides as much benefit for the society as possible. To allocate track capacity such that the track utilization is optimal would be an easy task if the track capacity were not a scarce resource. Today, many train operators share railway network and there are cases when two or more operators want to use the same

## Read Book Dynamic Pricing Of Perishable Assets Under Competition

track capacity at the same time. The infrastructure manager must then make priorities and reject some operators, and the question is which operators to reject. The guiding principle is to grant the operators that provide the highest societal benefit access to the tracks. However, the question would then change into how to know which operator that provides the highest societal benefit. In this thesis, the societal benefit of publicly subsidized traffic is estimated using social cost-benefit analysis. Mathematical models and methods are developed for quantifying and computing the number of departures for the publicly subsidized traffic and their distribution in time, i.e. a train timetable, that provides the maximal societal benefit in a social cost-benefit analysis setting. The societal benefit of commercial traffic is estimated using the market value for their requested train timetables. The market value is set using dynamic pricing. A suggestion of a dynamic pricing process that can be used in the train timetabling process is described. Mathematical models and methods for calculating the supply and demand of a track access request are developed and tested, which enables the use of a dynamic pricing process on track capacity

Issues for Feb. 1965-Aug. 1967 include Bulletin of the Institute of Management Sciences.

Effective supply chain integration, and the tight co-ordination it creates, is an

## Read Book Dynamic Pricing Of Perishable Assets Under Competition

essential pre-requisite for successful supply chain management. Decision-Making for Supply Chain Integration is a practical reference on recent research in the area of supply chain integration focusing on distributed decision-making problems. Recent applications of various decision-making tools for integrating supply chains are covered including chapters focusing on: Supplier selection, pricing strategy and inventory decisions in multi-level supply chains, RFID-enabled distributed decision-making, Operational risk issues and time-critical decision-making for sensitive logistics nodes, Modelling end to end processes to improve supply chain integration, and Integrated systems to improve service delivery and optimize resource use. Decision-Making for Supply Chain Integration provides an insight into the tools and methodologies of this field with support from real-life case studies demonstrating successful application of various decision-making techniques. By covering such a range of topics in this way, Decision-Making for Supply Chain Integration is a useful reference for researchers looking to develop their knowledge or find potential new avenues of research.

Taking the findings of behavioral economics from the cocktail party to the boardroom. Experimental economist Kay-Yut Chen leads an economics lab at Hewlett- Packard-the first of its kind at any company. His groundbreaking

## Read Book Dynamic Pricing Of Perishable Assets Under Competition

research into human behavior has turned into tangible results for HP. He has saved the company millions of dollars, simply by explaining why people really do the things they do. MoneyLab offers practical lessons being put to use right now at HP and other leading companies. It explains, for instance, how to: ? Use incentives to influence employees, suppliers, and buyers ? Determine whom to trust, and how much ? Reduce the negative effects of irrational behavior by noticing patterns that don't seem logical ? Take advantage of the human tendency to game the system In the spirit of Predictably Irrational, but with a more practical approach, Chen shows how to translate the findings of behavioral economics into concrete actions to achieve new levels of success.

Quick Response (QR) policy is a market-driven business strategy in which supply chain members work together to react quickly to volatile market demand.

Nowadays, with advances in information technologies (such as RFID and ERP systems), new challenges and opportunities arise for the application of QR. This handbook explores QR extensively with a view to discovering innovative QR measures that can help tackle the observed and emerging challenges. The book is organized into four parts, which include chapters on analytical modeling and analyses, information technologies, cases, reviews, and applications. This handbook provides new analytical and empirical results with valuable insights,

## Read Book Dynamic Pricing Of Perishable Assets Under Competition

which will not only help supply chain agents to better understand the latest applications of QR in business, but also help practitioners and researchers to know how to improve the effectiveness of QR using innovative methods. This book covers the broad range of research in stochastic models and optimization. Applications presented include networks, financial engineering, production planning, and supply chain management. Each contribution is aimed at graduate students working in operations research, probability, and statistics. This book gathers the proceedings of the 13th International Conference on Management Science and Engineering Management (ICMSEM 2019), which was held at Brock University, Ontario, Canada on August 5–8, 2019. Exploring the latest ideas and pioneering research achievements in management science and engineering management, the respective contributions highlight both theoretical and practical studies on management science and computing methodologies, and present advanced management concepts and computing technologies for decision-making problems involving large, uncertain and unstructured data. Accordingly, the proceedings offer researchers and practitioners in related fields an essential update, as well as a source of new research directions. This new edition focuses on three crucial areas of retail supply chain management: (1) empirical studies of retail supply chain practices, (2) assortment and inventory planning

## Read Book Dynamic Pricing Of Perishable Assets Under Competition

and (3) integrating price optimization into retail supply chain decisions. The book has been fully updated, expanding on the distinguishing features of the original, while offering three new chapters on recent topics which reflect areas of great interest and relevance to the academic and professional communities alike - inventory management in the presence of data inaccuracies, retail workforce management, and fast fashion retail strategies. The innovations, lessons for practice, and new technological solutions for managing retail supply chains are important not just in retailing, but offer crucial insights and strategies for the ultimate effective management of supply chains in other industries as well. The retail industry has emerged as a fascinating choice for researchers in the field of supply chain management. It presents a vast array of stimulating challenges that have long provided the context of much of the research in the area of operations research and inventory management. However, in recent years, advances in computing capabilities and information technologies, hyper-competition in the retail industry, emergence of multiple retail formats and distribution channels, an ever increasing trend towards a globally dispersed retail network, and a better understanding of the importance of collaboration in the extended supply chain have led to a surge in academic research on topics in retail supply chain management. Many supply chain innovations (e.g., vendor managed inventory) were first conceived and successfully validated in this industry, and have since been adopted in others. Conversely, many retailers have been quick to adopt cutting edge practices that first

## Read Book Dynamic Pricing Of Perishable Assets Under Competition

originated in other industries. Retail Supply Chain Management: Quantitative Models and Empirical Studies, 2nd Ed. is an attempt to summarize the state of the art in this research, as well as offer a perspective on what new applications may lie ahead. This book constitutes the thoroughly refereed proceedings of the 13th International Conference on Web and Internet Economics, WINE 2017, held in Bangalore, India, in December 2017. The 28 full and 6 short papers presented were carefully reviewed and selected from 89 submissions. The papers reflect the work of researchers in theoretical computer science, artificial intelligence, and microeconomics who have joined forces to tackle problems at the intersection of computation, game theory and economics. The Handbook is a comprehensive research reference that is essential for anyone interested in conducting research in supply chain. Unique features include: -A focus on the intersection of quantitative supply chain analysis and E-Business, -Unlike other edited volumes in the supply chain area, this is a handbook rather than a collection of research papers. Each chapter was written by one or more leading researchers in the area. These authors were invited on the basis of their scholarly expertise and unique insights in a particular sub-area, -As much attention is given to looking back as to looking forward. Most chapters discuss at length future research needs and research directions from both theoretical and practical perspectives, -Most chapters describe in detail the quantitative models used for analysis and the theoretical underpinnings; many examples and case studies are provided to demonstrate how the models and the

## Read Book Dynamic Pricing Of Perishable Assets Under Competition

theoretical insights are relevant to real situations, -Coverage of most state-of-the-art business practices in supply chain management.

The European Journal of Tourism Research is an interdisciplinary scientific journal in the field of tourism, published by Varna University of Management, Bulgaria. Its aim is to provide a platform for discussion of theoretical and empirical problems in tourism. Publications from all fields, connected with tourism such as management, marketing, sociology, psychology, geography, political sciences, mathematics, statistics, anthropology, culture, information technologies and others are invited. The journal is open to all researchers. Young researchers and authors from Central and Eastern Europe are encouraged to submit their contributions. Regular Articles in the European Journal of Tourism Research should normally be between 4 000 and 20 000 words. Major research articles of between 10 000 and 20 000 are highly welcome. Longer or shorter papers will also be considered. The journal publishes also Research Notes of 1 500 – 2 000 words. Submitted papers must combine theoretical concepts with practical applications or empirical testing. The European Journal of Tourism Research includes also the following sections: Book Reviews, announcements for Conferences and Seminars, abstracts of successfully defended Doctoral Dissertations in Tourism, case studies of Tourism Best Practices. The European Journal of Tourism Research is published in three Volumes per year. The full text of the European Journal of Tourism Research is available in the following databases: EBSCO Hospitality and Tourism

## Read Book Dynamic Pricing Of Perishable Assets Under Competition

CompleteCABI Leisure, Recreation and TourismProQuest Research Library Individual articles can be rented via journal's page at DeepDyve. The journal is indexed in Scopus and Thomson Reuters' Emerging Sources Citation Index. The editorial team welcomes your submissions to the European Journal of Tourism Research.

The Theory and Practice of Revenue Management is a book that comprehensively covers theory and practice of the entire field, including both quantity and price-based RM, as well as significant coverage of supporting topics such as forecasting and economics. The authors believe such a comprehensive approach is necessary to fully understand the subject. A central objective of the book is to unify the various forms of RM and to link them closely to each other and to the supporting fields of statistics and economics. Nevertheless, the topics and coverage do reflect choices about what is important to understand RM. Hence, the book's purpose is to provide a comprehensive, accessible synthesis of the state of the art in Revenue Management.

Supply Chain Engineering considers how modern production and operations management techniques can respond to the pressures of the competitive global marketplace. It presents a comprehensive analysis of concepts and models related to outsourcing, dynamic pricing, inventory management, RFID, and flexible and re-configurable manufacturing systems, as well as real-time assignment and scheduling processes. A significant part is also devoted to lean manufacturing, line balancing, facility layout and warehousing techniques. Explanations are based on examples and

## Read Book Dynamic Pricing Of Perishable Assets Under Competition

detailed algorithms while discarding complex and unnecessary theoretical minutiae. All examples have been carefully selected from an industrial application angle. This book is written for students and professors in industrial and systems engineering, management science, operations management and business. It is also an informative reference for managers looking to improve the efficiency and effectiveness of their production systems.

This book constitutes revised selected papers from the 7th International Conference on Operations Research and Enterprise Systems, ICORES 2018, held in Funchal, Madeira, Portugal, in January 2018. The 12 papers presented in this volume were carefully reviewed and selected from a total of 59 submissions. They are organized in topical sections named: methodologies and technologies; and applications.

This title was first published in 2000. This text is part of the "International Library of Management", which aims to present a comprehensive core reference series comprised of significant and influential articles by the authorities in the management studies field. The collection of essays is both international and interdisciplinary in scope and aims to provide an entry point for investigating the myriad of study within the discipline.

**\*\*2017 overview update, based on feedback from readers:** The purpose of this update is to make sure it's super clear what this book is and what it is not. Please read this before you buy the book to avoid any misunderstandings. If you are looking for an in-

## Read Book Dynamic Pricing Of Perishable Assets Under Competition

depth and detailed guide to the art of hospitality / hotel revenue management, this is not it. In short, what inspired me to write this book was my frustration at not being able to find a simple book that explains revenue management in a way that anybody can understand. It does not matter whether you are already an experienced revenue manager, just starting out, or someone who just wants to learn more about the profession; regardless of what stage of your hotel revenue management career you are at, you will find valuable, practical ideas in this book that will help you thrive. \*\* Being a hotel revenue manager requires mastering complex systems, keeping abreast of evolving technologies and adapting to continuous change. To be successful, the best revenue managers repeatedly ask difficult questions, seeking answers that will safeguard the financial health of their hotels and ensure their rooms are not only booked, but optimized. But what may surprise you is that answers to these questions are more than attainable—they also illuminate a set of simple rules that every revenue manager can follow to become a Revenue Superstar.

This book analyzes revenue management (RM) problems with flexible products and RM in broadcasting companies. It presents models and methods that explicitly take the implications of flexibility into account. In addition, it contains descriptions of algorithms to generate stochastic demand data streams for general RM problems. To help readers with their own simulation studies, it provides an implementation as a Microsoft Windows executable file.

## Read Book Dynamic Pricing Of Perishable Assets Under Competition

The SAGE Handbook of Tourism Management is a critical, authoritative review of tourism management, written by leading international thinkers and academics in the field. Arranged over two volumes, the chapters are framed as critical synoptic pieces covering key developments, current issues and debates, and emerging trends and future considerations for the field. The two volumes focus in turn on the theories, concepts and disciplines that underpin tourism management in volume one, followed by examinations of how those ideas and concepts have been applied in the second volume. Chapters are structured around twelve key themes: Volume One Part One: Researching Tourism Part Two: Social Analysis Part Three: Economic Analysis Part Four: Technological Analysis Part Five: Environmental Analysis Part Six: Political Analysis Volume Two Part One: Approaching Tourism Part Two: Destination Applications Part Three: Marketing Applications Part Four: Tourism Product Markets Part Five: Technological Applications Part Six: Environmental Applications This handbook offers a fresh, contemporary and definitive look at tourism management, making it an essential resource for academics, researchers and students.

This revised and updated second edition of Revenue Management for the Hospitality Industry explains pricing and revenue management strategies using realistic and practical industry examples from hotels, restaurants, and many other hospitality industry segments that utilize differential pricing as a major revenue management tool. The book explains, in detail, what hospitality professionals must know and do to

## Read Book Dynamic Pricing Of Perishable Assets Under Competition

become effective revenue managers. A new chapter on data analysis addresses the dramatic rise in the importance of big-data collection and management, as well as the importance of revenue management-related data increasingly posted on social media and social network accounts. A running case throughout the book helps students discover how to incorporate revenue management principles and strategies address in the text's 14 chapters. The book is intended for students with prior knowledge and understanding of the hospitality industry.

“There is no strategic investment that has a higher return than investing in good pricing, and the text by Gallego and Topaloglu provides the best technical treatment of pricing strategy and tactics available.” Preston McAfee, the J. Stanley Johnson Professor, California Institute of Technology and Chief Economist and Corp VP, Microsoft. “The book by Gallego and Topaloglu provides a fresh, up-to-date and in depth treatment of revenue management and pricing. It fills an important gap as it covers not only traditional revenue management topics also new and important topics such as revenue management under customer choice as well as pricing under competition and online learning. The book can be used for different audiences that range from advanced undergraduate students to masters and PhD students. It provides an in-depth treatment covering recent state of the art topics in an interesting and innovative way. I highly recommend it.” Professor Georgia Perakis, the William F. Pounds Professor of Operations Research and Operations Management at the Sloan School of

## Read Book Dynamic Pricing Of Perishable Assets Under Competition

Management, Massachusetts Institute of Technology, Cambridge, Massachusetts. “This book is an important and timely addition to the pricing analytics literature by two authors who have made major contributions to the field. It covers traditional revenue management as well as assortment optimization and dynamic pricing. The comprehensive treatment of choice models in each application is particularly welcome. It is mathematically rigorous but accessible to students at the advanced undergraduate or graduate levels with a rich set of exercises at the end of each chapter. This book is highly recommended for Masters or PhD level courses on the topic and is a necessity for researchers with an interest in the field.” Robert L. Phillips, Director of Pricing Research at Amazon “At last, a serious and comprehensive treatment of modern revenue management and assortment optimization integrated with choice modeling. In this book, Gallego and Topaloglu provide the underlying model derivations together with a wide range of applications and examples; all of these facets will better equip students for handling real-world problems. For mathematically inclined researchers and practitioners, it will doubtless prove to be thought-provoking and an invaluable reference.” Richard Ratliff, Research Scientist at Sabre “This book, written by two of the leading researchers in the area, brings together in one place most of the recent research on revenue management and pricing analytics. New industries (ride sharing, cloud computing, restaurants) and new developments in the airline and hotel industries make this book very timely and relevant, and will serve as a critical reference for

## Read Book Dynamic Pricing Of Perishable Assets Under Competition

researchers.” Professor Kalyan Talluri, the Munjal Chair in Global Business and Operations, Imperial College, London, UK.

This edited book examines the challenges and opportunities arising from today’s sharing economy from an operations management perspective. Individual chapter authors present state-of-the-art research that examines the general impact of sharing economy on production and consumption; the intermediary role of a sharing platform; crowdsourcing management; and context-based operational problems. Sharing economy refers to a market model that enables and facilitates the sharing of access to goods and services. For example, Uber allows riders to share a car. Airbnb allows homeowners to share their extra rooms with renters. Groupon crowdsources demands, enabling customers to share the benefit of discounted goods and services, whereas Kickstarter crowdsources funds, enabling backers to fund a project jointly. Unlike the classic supply chain settings in which a firm makes inventory and supply decisions, in sharing economy, supply is crowdsourced and can be modulated by a platform. The matching-supply-with-demand process in a sharing economy requires novel perspectives and tools to address challenges and identify opportunities. The book is comprised of 20 chapters that are divided into four parts. The first part explores the general impact of sharing economy on the production, consumption, and society. The second part explores the intermediary role of a sharing platform that matches crowdsourced supply with demand. The third part investigates the crowdsourcing

## Read Book Dynamic Pricing Of Perishable Assets Under Competition

management on a sharing platform, and the fourth part is dedicated to context-based operational problems of popular sharing economy applications. “While sharing economy is becoming omnipresence, the operations management (OM) research community has begun to explore and examine different business models in the transportation, healthcare, financial, accommodation, and sourcing sectors. This book presents a collection of the state-of-the-art research work conducted by a group of world-leading OM researchers in this area. Not only does this book cover a wide range of business models arising from the sharing economy, but it also showcases different modeling frameworks and research methods that cannot be missed. Ultimately, this book is a tour de force – informative and insightful!” Christopher S. Tang Distinguished Professor and Edward Carter Chair in Business Administration UCLA Anderson School of Management

The five-volume set IFIP AICT 630, 631, 632, 633, and 634 constitutes the refereed proceedings of the International IFIP WG 5.7 Conference on Advances in Production Management Systems, APMS 2021, held in Nantes, France, in September 2021.\* The 378 papers presented were carefully reviewed and selected from 529 submissions. They discuss artificial intelligence techniques, decision aid and new and renewed paradigms for sustainable and resilient production systems at four-wall factory and value chain levels. The papers are organized in the following topical sections: Part I: artificial intelligence based optimization techniques for demand-driven manufacturing;

## Read Book Dynamic Pricing Of Perishable Assets Under Competition

hybrid approaches for production planning and scheduling; intelligent systems for manufacturing planning and control in the industry 4.0; learning and robust decision support systems for agile manufacturing environments; low-code and model-driven engineering for production system; meta-heuristics and optimization techniques for energy-oriented manufacturing systems; metaheuristics for production systems; modern analytics and new AI-based smart techniques for replenishment and production planning under uncertainty; system identification for manufacturing control applications; and the future of lean thinking and practice Part II: digital transformation of SME manufacturers: the crucial role of standard; digital transformations towards supply chain resiliency; engineering of smart-product-service-systems of the future; lean and Six Sigma in services healthcare; new trends and challenges in reconfigurable, flexible or agile production system; production management in food supply chains; and sustainability in production planning and lot-sizing Part III: autonomous robots in delivery logistics; digital transformation approaches in production management; finance-driven supply chain; gastronomic service system design; modern scheduling and applications in industry 4.0; recent advances in sustainable manufacturing; regular session: green production and circularity concepts; regular session: improvement models and methods for green and innovative systems; regular session: supply chain and routing management; regular session: robotics and human aspects; regular session: classification and data management methods; smart supply chain and

## Read Book Dynamic Pricing Of Perishable Assets Under Competition

production in society 5.0 era; and supply chain risk management under coronavirus  
Part IV: AI for resilience in global supply chain networks in the context of pandemic disruptions; blockchain in the operations and supply chain management; data-based services as key enablers for smart products, manufacturing and assembly; data-driven methods for supply chain optimization; digital twins based on systems engineering and semantic modeling; digital twins in companies first developments and future challenges; human-centered artificial intelligence in smart manufacturing for the operator 4.0; operations management in engineer-to-order manufacturing; product and asset life cycle management for smart and sustainable manufacturing systems; robotics technologies for control, smart manufacturing and logistics; serious games analytics: improving games and learning support; smart and sustainable production and supply chains; smart methods and techniques for sustainable supply chain management; the new digital lean manufacturing paradigm; and the role of emerging technologies in disaster relief operations: lessons from COVID-19 Part V: data-driven platforms and applications in production and logistics: digital twins and AI for sustainability; regular session: new approaches for routing problem solving; regular session: improvement of design and operation of manufacturing systems; regular session: crossdock and transportation issues; regular session: maintenance improvement and lifecycle management; regular session: additive manufacturing and mass customization; regular session: frameworks and conceptual modelling for systems and services efficiency;

## Read Book Dynamic Pricing Of Perishable Assets Under Competition

regular session: optimization of production and transportation systems; regular session: optimization of supply chain agility and reconfigurability; regular session: advanced modelling approaches; regular session: simulation and optimization of systems performances; regular session: AI-based approaches for quality and performance improvement of production systems; and regular session: risk and performance management of supply chains \*The conference was held online.

Driven by maturing Web service technologies and the wide acceptance of the service-oriented architecture paradigm, the software industry's traditional business models and strategies have begun to change: software vendors are turning into service providers. In addition, in the Web service market, a multitude of small and highly specialized providers offer modular services of almost any kind and economic value is created through the interplay of various distributed service providers that jointly contribute to form individualized and integrated solutions. This trend can be optimally catalyzed by universally accessible service orchestration platforms – service value networks (SVNs) – which are the underlying organizational form of the coordination mechanisms presented in this book. Here, the authors focus on providing comprehensive business-oriented insights into today's trends and challenges that stem from the transition to a service-led economy. They investigate current and future Web service business models and provide a framework for Web service value networks. Pricing mechanism basics are introduced and applied to the specific area of SVNs. Strategies for platform

## Read Book Dynamic Pricing Of Perishable Assets Under Competition

providers are analyzed from the viewpoint of a single provider, and so are pricing mechanisms in service value networks which are optimal from a network perspective. The extended concept of pricing Web service derivatives is also illustrated. The presentation concludes with a vision of how Web service markets in the future could be structured and what further developments can be expected to happen. This book will be of interest to researchers in business development and practitioners such as managers of SMEs in the service sector, as well as computer scientists familiar with Web technologies. The book's comprehensive content provides readers with a thorough understanding of the organizational, economic and technical implications of dealing with Web services as the nucleus of modern business models, which can be applied to Web services in general and Web service value networks specifically..

How can analytics scholars and healthcare professionals access the most exciting and important healthcare topics and tools for the 21st century? Editors Tinglong Dai and Sridhar Tayur, aided by a team of internationally acclaimed experts, have curated this timely volume to help newcomers and seasoned researchers alike to rapidly comprehend a diverse set of thrusts and tools in this rapidly growing cross-disciplinary field. The Handbook covers a wide range of macro-, meso- and micro-level thrusts—such as market design, competing interests, global health, personalized medicine, residential care and concierge

## Read Book Dynamic Pricing Of Perishable Assets Under Competition

medicine, among others—and structures what has been a highly fragmented research area into a coherent scientific discipline. The handbook also provides an easy-to-comprehend introduction to five essential research tools—Markov decision process, game theory and information economics, queueing games, econometric methods, and data science—by illustrating their uses and applicability on examples from diverse healthcare settings, thus connecting tools with thrusts. The primary audience of the Handbook includes analytics scholars interested in healthcare and healthcare practitioners interested in analytics. This Handbook: Instills analytics scholars with a way of thinking that incorporates behavioral, incentive, and policy considerations in various healthcare settings. This change in perspective—a shift in gaze away from narrow, local and one-off operational improvement efforts that do not replicate, scale or remain sustainable—can lead to new knowledge and innovative solutions that healthcare has been seeking so desperately. Facilitates collaboration between healthcare experts and analytics scholar to frame and tackle their pressing concerns through appropriate modern mathematical tools designed for this very purpose. The handbook is designed to be accessible to the independent reader, and it may be used in a variety of settings, from a short lecture series on specific topics to a semester-long course. The E-Business Handbook was developed in collaboration with many of the

## Read Book Dynamic Pricing Of Perishable Assets Under Competition

world's leading experts in this field. It covers the top academic research that is creating the principal technologies and the leading business practices for e-business, along with the important issues and social impact of electronic commerce. It presents a wide range of e-busi

First published in 1952, the International Bibliography of the Social Sciences (anthropology, economics, political science, and sociology) is well established as a major bibliographic reference for students, researchers and librarians in the social sciences worldwide. Key features \* Authority: Rigorous standards are applied to make the IBSS the most authoritative selective bibliography ever produced. Articles and books are selected on merit by some of the world's most expert librarians and academics. \*Breadth: today the IBSS covers over 2000 journals - more than any other comparable resource. The latest monograph publications are also included. \*International Coverage: the IBSS reviews scholarship published in over 30 languages, including publications from Eastern Europe and the developing world. \*User friendly organization: all non-English titles are word sections. Extensive author, subject and place name indexes are provided in both English and French. Place your standing order now for the 2000 volumes of the the IBSS Anthropology: 2000 Vol.46 November 2001: 234x156: 520pp: Hb: 0-415-26235-6: £185.00 Economics: 2000 Vol.49 November 2001:

## Read Book Dynamic Pricing Of Perishable Assets Under Competition

234x156: 520pp: Hb: 0-415-26236-4: £185.00 Political Science: 2000 Vol.49  
November 2001: 234x156: 520pp: Hb: 0-415-26237-2: £185.00 Sociology: 2000  
Vol.50 November 2001: 234x156: 520pp: Hb: 0-415-26238-0: £185.00

Revenue management (RM) has emerged as one of the most important new business practices in recent times. This book is the first comprehensive reference book to be published in the field of RM. It unifies the field, drawing from industry sources as well as relevant research from disparate disciplines, as well as documenting industry practices and implementation details. Successful hardcover version published in April 2004.

This book develops allocation mechanisms that aim to ensure an efficient resource allocation in modern IT-services. Recent methods of artificial intelligence, such as neural networks and reinforcement learning, and nature-oriented optimization methods, such as genetic algorithms and simulated annealing, are advanced and applied to allocation processes in distributed IT-infrastructures, or grid systems.

Information Control Problems in Manufacturing 2006 contains the Proceedings of the 12th IFAC Symposium on Information Control Problems in Manufacturing (INCOM'2006). This symposium took place in Saint Etienne, France, on May 17-19 2006. INCOM is a tri-annual event of symposia series organized by IFAC

## Read Book Dynamic Pricing Of Perishable Assets Under Competition

and it is promoted by the IFAC Technical Committee on Manufacturing Plant Control. The purpose of the symposium INCOM'2006 was to offer a forum to present the state-of-the-art in international research and development work, with special emphasis on the applications of optimisation methods, automation and IT technologies in the control of manufacturing plants and the entire supply chain within the enterprise. The symposium stressed the scientific challenges and issues, covering the whole product and processes life cycle, from the design through the manufacturing and maintenance, to the distribution and service. INCOM'2006 Technical Program also included a special event on Innovative Engineering Techniques in Healthcare Delivery. The application of engineering and IT methods in medicine is a rapidly growing field with many opportunities for innovation. The Proceedings are composed of 3 volumes: Volume 1 - Information Systems, Control & Interoperability Volume 2 - Industrial Engineering Volume 3 - Operational Research \* 3-volume set, containing 362 carefully reviewed and selected papers \* presenting the state-of-the-art in international research and development in Information Control problems in Manufacturing Innovative Methods in Logistics and Supply Chain Management Steffen Christ shows how theoretic optimization models can be operationalized by employing self-learning strategies to construct relevant input variables, such

## Read Book Dynamic Pricing Of Perishable Assets Under Competition

as latent demand and customer price sensitivity.

André Jerez develops a price-based revenue management framework to support retailers in establishing better and more profitable pricing strategies, including assigning an initial asking price and the adjustment of price over time.

In recent years, airline practitioners and academics have started to explore new ways to model airline passenger demand using discrete choice methods. This book provides an introduction to discrete choice models and uses extensive examples to illustrate how these models have been used in the airline industry. These examples span network planning, revenue management, and pricing applications. Numerous examples of fundamental logit modeling concepts are covered in the text, including probability calculations, value of time calculations, elasticity calculations, nested and non-nested likelihood ratio tests, etc. The core chapters of the book are written at a level appropriate for airline practitioners and graduate students with operations research or travel demand modeling backgrounds. Given the majority of discrete choice modeling advancements in transportation evolved from urban travel demand studies, the introduction first orients readers from different backgrounds by highlighting major distinctions between aviation and urban travel demand studies. This is followed by an in-depth treatment of two of the most common discrete choice models, namely the multinomial and nested logit models. More advanced discrete choice models are covered, including mixed logit models and generalized extreme value models that belong to the generalized nested logit class and/or the network generalized extreme value class. An emphasis is placed on highlighting open research questions associated with these models that will be of particular interest to operations research students. Practical modeling issues related to data and

## Read Book Dynamic Pricing Of Perishable Assets Under Competition

estimation software are also addressed, and an extensive modeling exercise focused on the interpretation and application of statistical tests used to guide the selection of a preferred model specification is included; the modeling exercise uses itinerary choice data from a major airline. The text concludes with a discussion of on-going customer modeling research in aviation. Discrete Choice Modelling and Air Travel Demand is enriched by a comprehensive set of technical appendices that will be of particular interest to advanced students of discrete choice modeling theory. The appendices also include detailed proofs of the multinomial and nested logit models and derivations of measures used to represent competition among alternatives, namely correlation, direct-elasticities, and cross-elasticities.

This book brings together papers presented at the 2017 International Conference on Communications, Signal Processing, and Systems (ICCSP 2017), which was held on July 14–17, 2017 in Harbin, China. Presenting the latest developments and discussing the interactions and links between these multidisciplinary fields, the book spans topics ranging from communications, signal processing and systems. It is aimed at undergraduate and graduate electrical engineering, computer science and mathematics students, researchers and engineers from academia and industry as well as government employees.

This is the first comprehensive introduction to the concepts, theories, and applications of pricing and revenue optimization. From the initial success of "yield management" in the commercial airline industry down to more recent successes of markdown management and dynamic pricing, the application of mathematical analysis to optimize pricing has become increasingly important across many different industries. But, since pricing and revenue optimization has involved the use of sophisticated mathematical techniques, the topic has

## Read Book Dynamic Pricing Of Perishable Assets Under Competition

remained largely inaccessible to students and the typical manager. With methods proven in the MBA courses taught by the author at Columbia and Stanford Business Schools, this book presents the basic concepts of pricing and revenue optimization in a form accessible to MBA students, MS students, and advanced undergraduates. In addition, managers will find the practical approach to the issue of pricing and revenue optimization invaluable. Solutions to the end-of-chapter exercises are available to instructors who are using this book in their courses. For access to the solutions manual, please contact [marketing@www.sup.org](mailto:marketing@www.sup.org).

Intelligent Enterprises of the 21st Century is a comprehensive compilation of the state of the art vision and thought processes needed to design and manage globally competitive business organizations."--BOOK JACKET.

[Copyright: c1f0915467662815420a1ecfc54a7b85](https://www.sup.org/copyright/c1f0915467662815420a1ecfc54a7b85)