1. Record Nr. UNINA9910254921503321

Titolo	Handbook of Information Exchange in Supply Chain Management / / edited by Albert Y. Ha, Christopher S. Tang
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2017
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (XXI, 390 p. 43 illus., 13 illus. in color.)
Collana	Springer Series in Supply Chain Management, , 2365-6395 ; ; 5
Disciplina	658.40028553
Soggetti	Operations research Decision making Industrial procurement Operations Research/Decision Theory Procurement
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	Section 1 Value of Information Sharing -- Modeling and Measuring the Bullwhip Effect -- Empirical Studies in Information Sharing -- Collaborative Forecasting in Retail Supply Chains -- Section 2 Contracting and Information -- Reliability or Inventory? An Analysis of Performance-Based Contracts for Product Support Services -- Project Contracting Strategies for Managing Team Dynamics -- Time-Related Incentive Contracts for Managing Projects with Uncertain Completion Time -- Contracting for New Product Development -- Supply Disruptions and Procurement Contracting -- Contracting for Information Acquisition -- Section 3 Information Signaling and Cheap Talk -- A Tale of Two Information Asymmetries in Competitive Supply Chains -- Supply Chain Information Signaling and Capital Market -- Buying from the Babbling Retailer? The Impact of Availability Information on Customer Behavior -- Incentives for Forecast Information Sharing under Simple Pricing Mechanisms -- Section 4 Incentives for Information Sharing -- Establishing Trust and Trustworthiness for Supply Chain Information Sharing -- Information Leakage in Supply Chains -- Bilateral Information Sharing and Pricing Incentives in a Retail Channel -- Sharing Demand Information under

Simple Wholesale Pricing.

Sommario/riassunto

Sharing accurate and timely supply and demand information throughout a supply chain can yield significant performance improvements to all members of the supply chain. Despite the benefits, many firms are reluctant to share information with their supply chain partners due to an unequal distribution of risks, costs, and benefits among the partners. Thus, incentive mechanisms must be in place to induce communication, cooperation, and collaboration among all members of a supply chain. The issue of information exchange/sharing has been examined by various researchers over the last 15-20 years. However, there is no research book that compiles various approaches, analyses, key implications, as well as future development of this area. This book will serve as a handbook for researchers who are interested in learning the state of the art of the line of research in this area and explore open research topics in this area. Chapter authors, all leading researchers, have contributed 18 chapters broken into four distinct sections covering the Value of Information Sharing, Contracting and Information, Information Signaling, and Incentives for Information Sharing.

2. Record Nr. UNINA9910337931303321

Titolo	Materials Processing Fundamentals 2019 / / edited by Guillaume Lambotte, Jonghyun Lee, Antoine Allanore, Samuel Wagstaff
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
ISBN	3-030-05728-3
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (XIII, 293 p. 143 illus., 116 illus. in color.)
Collana	The Minerals, Metals & Materials Series, , 2367-1696
Disciplina	620.16 670
Soggetti	Metals Materials Materials - Analysis Coatings Tribology Corrosion and anti-corrosives Metals and Alloys Materials Engineering Characterization and Analytical Technique Corrosion
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Part 1. Steelmaking – Processing -- The Effect of a Sulfur Addition on the Formation and Behavior of CaS Inclusions in a Steel Melt during a Secondary Refining Process without a Ca-treatment -- Desulfurization of Copper-iron Reduced from Copper Slag -- Part 2. Steelmaking – Properties -- Effects of aging treatment on the microstructure and mechanical properties of a nanoprecipitates-strengthened ferritic steel -- Part 3. Multiphysics - Process Modeling and Sensing -- Convection-Diffusion Model of Lithium-Bismuth Liquid Metal Batteries -- Study on Emulsion Phenomena and Field Flow Pattern in Side-blown Copper Smelting Process -- Study on Minimum Starting Energy of Self-stirring Reactor Driven by Pressure Energy -- Part 4. Alloy Processing and Properties Modeling -- Yield Strength Prediction in 3D during Local

Heat Treatment of Structural A356 Alloy Components in Combination with Thermal-stress Analysis -- Thermodynamic properties of magnetic semiconductors Ag2FeSn3S8 and Ag2FeSnS4 determined by the EMF method -- Effects of Heat Treatment on the Electrochemical Performance of Al Based Anode Materials for Air-battery -- Part 5. Extractive and Recovery Processing -- A current efficiency prediction model based on electrode kinetics for iron and copper during copper electrowinning -- The KSO4-CaSO4 System and Its Role in Fouling and Slagging During High-Temperature Processes -- Waste Lithium-ion Battery Recycling in JX Nippon Mining & Metals Corporation -- Recovery of Platinum Group Metals Out of Automotive Catalytic Converters Scrap: A Review on Australian Trends and Challenges -- Leaching Recovery of Silver from Used Radiographic Films -- The Study of Copper Leaching from Conichalcite and Chalcopyrite Using Alternative Lixiviants -- Effect of Chloride Ions on the Copper Extraction Using LIX 984N and Acorga M5910 -- CaCl2-O2 Roasting of Stibnite and a Complex Copper Concentrate at 500-650°C -- Research on Sulfur Conversion Behavior in the Oxygen Pressure Acid Leaching Process for the HighIndium Sphalerite -- Part 6. Poster Session -- Hybrid Modeling for Endpoint Carbon Content Prediction in EAF Steelmaking -- DEM Simulation of Dispersion of Cohesive Particles by Spontaneous Inter-particle Percolation in a 3D Random Packed Bed.

Sommario/riassunto

This book includes contributions from the Materials Processing Fundamentals Symposium held at the TMS 2019 Annual Meeting & Exhibition in San Antonio, Texas. Presented in this volume are contributions on the theoretical and numerical modeling of minerals, metals, and materials processing. Authors present models and results related the basics of processing such as extraction, joining, separation, and casting. The corresponding fundamentals of mass and heat transport as well as physical and thermodynamics properties are addressed, allowing for a cross-disciplinary vision of materials processing.