

# Table of Content

Preface.....	V
Table of Contents.....	VII
<b>I. Innovative Technological Solutions</b>	
A RFID Web-Based System for Increasing Visibility along the Thermo-Mechanical Supply Chain .....	3
<i>Tommaso Rossi and Margherita Pero</i>	
A Structural Analysis of Information Technology (IT) Integration in Food Supply Chains and Firm Innovativeness.....	17
<i>Suhana Mohezar and Claudine Soosay</i>	
Risk Analysis in Production Systems with Random Yields and Rigid Demand .....	33
<i>Winston Po and Rachel Green</i>	
Logistics Carbon Footprinting in Practice .....	41
<i>Christian Wick and Matthias Klumpp</i>	
<b>II. Learning from Practice-Case Analyses in Logistics</b>	
Spanish Logistics and Trade .....	65
<i>Sami Bensassi, Laura Márquez-Ramos, Inmaculada Martínez-Zarzoso, Celestino Suárez-Burguet</i>	
Business Processes and Logistics Service Competencies of Logistics Service Providers in China.....	81
<i>Ming J. Ding and Booi H. Kam</i>	
Managing Production Ramp-ups in the European Automotive Supply Chain – The Supplier’s View.....	99
<i>Tobias Held</i>	
The Role of Consumer Insight in New Product Development and Its Impact on Supply Chain Management: A Swedish Case Study..	113
<i>David Eriksson and Per Hilletoft</i>	
The Balanced Scorecard as a Measure of Performance: A Case Study on a Shoe Industry Sector .....	127
<i>Leonardo Perazza, Paulo Cesar Chagas Rodrigues</i>	
	VII

Case Study on Inventory Management in a Small Manufacturer of Auto Parts .....	145
<i>Nicolle da Silva Panzuto and Paulo Cesar Chagas Rodrigues</i>	
<b>III. Optimization methods in Transportation Processes</b>	
Intermodal Transportation.....	165
<i>Katharina Grobleben</i>	
Programming Tools, an Alternative to Optimize the Logistics at the Transportation Process of the Oil Palm Fresh Fruit Bunches (FFB).....	179
<i>Carlos A. Fontanilla, Wilson Adarme, Martin D. Arango</i>	
Modelling Freight Flow Information within the Maritime Transport Chain: Benefits and Effects of „Estimated Time of Arrival“ (ETA) Messages..	193
<i>Ralf Elbert, Arzum Oezgen, Fabian Walter</i>	
3E Logistics – Electric Transport Routing.....	207
<i>Matthias Klumpp, Sascha Bioly, Tristan Keusgen</i>	
Improving the Efficiency of Rail-Based Hinterland Transport by the Means of Advanced Extended Gateway for Rails .....	221
<i>Hans G. Unseld and Herbert Kotzab</i>	
Evaluation of Telemetry Implementation Benefits for a LPG Distribution Company .....	235
<i>Abdelkhalek Nakabi and Zitouni Beidouri</i>	
<b>IV. Performance Enhancements in Modern Supply Chains</b>	
A Genetic Algorithm of Supply Chain Performance Analysis, Focusing on Information Delay .....	250
<i>Asadollah Najafi, Abbas Afrazeh, Heinz Bartsch</i>	
The Influence of Agile and Resilient Practices on Supply Chain Performance: An Innovative Conceptual Model Proposal .....	265
<i>Susana Garrido Azevedo, Helena Carvalho, V. Cruz Machado, Fernando A. Grilo</i>	
Performance Management of Supply Process Chain with Application to the Coatings Industry .....	283
<i>Noura Abdelmalek, Tareq Issa, Mohammed Hajeeh</i>	

Evaluation of Variant-Driven Logistics Complexity in the Automotive Industry: Development of Key Performance Indicators for an Evaluation Approach of Impacts caused by Product Variety in Inbound Logistics .....	299
<i>Axel Wagenitz, Annika Lechner, Bernd Hellingrath</i>	
Container Transshipment Simulation and Efficiency Analysis .....	321
<i>Matthias Bode, Felix Hofmann, Volker Berkhahn</i>	
<b>V. Innovative Approaches in Supply Chain Design</b>	
Early Supplier Involvement into New Product Development – The Right Point of Time as Precondition for Success .....	339
<i>Melanie Serafin, Stefanie John, Kai-Ingo Voigt</i>	
Production Ramp-up in Supply Chains for Innovative Products Providing Global Objectives .....	355
<i>Jerome Quick and Tim Renner</i>	
Green Logistics: An Innovation for Logistics Products? .....	369
<i>Wolfgang Kersten, Claudia Allonas, Sebastian Brockhaus, Nikolaus Wagenstetter</i>	
Mixed/Integer Linear Programming, Silver-Meal & Economic Order Quantity: Efficiency versus Popularity	387
<i>Tania Rodríguez and Carlos Sierra</i>	
Ramp-up Management a Chance for Job Production? .....	403
<i>Henning Strubelt and Hartmut Zadek</i>	