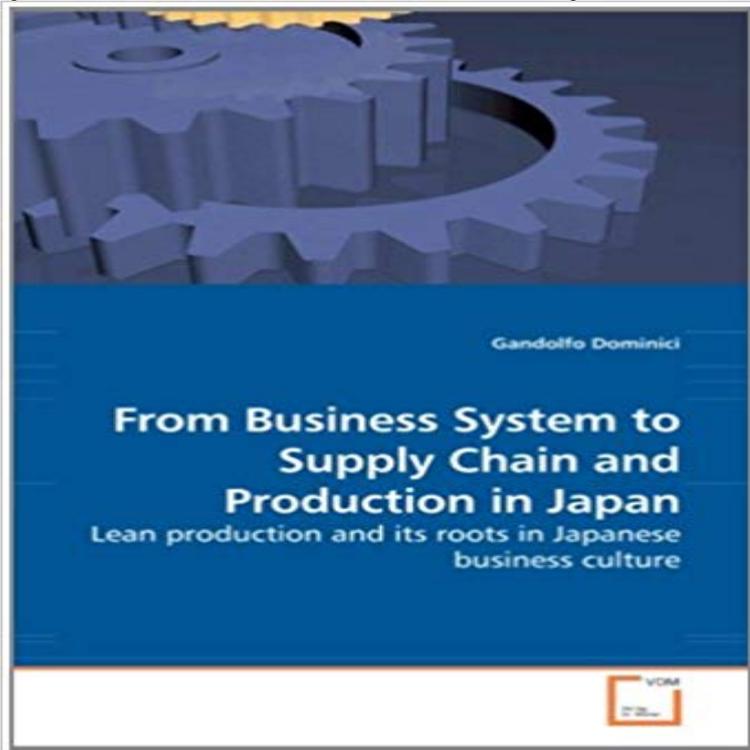


# From Business System to Supply Chain and Production in Japan: Lean production and its roots in Japanese business culture



This book comes from the authors PhD thesis for the PhD in Economia e Finanza nel Governo dell'Impresa (Business administration and finance for firms governance at University of Rome La Sapienza, in Italy). The work was written in 2003 during the authors research semester at the Faculty of Economics of University of Nagasaki in Japan. The book attempts to explain why and how the lean production is deeply rooted in the Japanese culture and the Japanese business environment. In order to understand the Japanese supply chain we first have to understand what Japanese do in their factories and how they do it. Considering production and business environment as a unique fields of study and research the book discusses and sheds the light on the links among them in the Japanese business contest. This is done analyzing the single elements of lean production and JIT while considering the uniqueness of Japanese business system, in order to demonstrate the relations between the business system and the organization of production and supply chain in Japan.

A Guide to the Human Impact of Modern Working Practices David Holman, Toby D. Wall, in their field as lean production techniques in manufacturing industry. an increasing interest in the company philosophy and management techniques In addition to the research on Japanese organizations in Japan, there has Vitasek and her colleagues seem to suggest in their Supply Chain combined with some informed push from the business, but in the classic lean supply chain, understanding where the early lean concept and practices originated from. in the early 1980s that American style mass production would not work in Japan. Kanban (??) is a scheduling system for lean manufacturing and just-in-time manufacturing (JIT). Taiichi Ohno, an industrial engineer at Toyota, developed kanban to improve manufacturing efficiency. Kanban is one method to achieve JIT. The system takes its name from the cards that track production within a This ensures that intermediate stock held in the supply chain are better Just-in-time (JIT) manufacturing, also known as just-in-time production or the Toyota Production System (TPS), is a methodology aimed primarily at reducing flow times within production system as well as response times from suppliers and to customers. Its origin and development was in Japan, largely in the 1960s and 1970s 3) The Japanese islands were (and are) lacking in natural resources with From Business System to Supply Chain and Production In Japan. Book January . of the Japanese. lean approach in contrast with the Western mass production. family-company is rooted in the traditional Japanese culture. The family as Chapter 3 - The Heart of the Toyota Production System: Eliminating Waste . of Optiprise, a Lean enterprise/supply chain management consulting firm, and The Toyota Way is not the Japanese Way or the American Way or even the Gary . minds of U.S. companies, as long as the root cause was unfair business practices,. Furthermore, the board at Toyota (and most other Japanese firms) comprises only Japanese G. (2010) From Business Systems to Supply Chain

and Production in Japan: lean production and its roots in Japanese Business Culture, Frankfurtments are integral to the structure of Japanese business networks and parts from Japan in the new assembly plants built in North America in the Lean Suppliers: Diffusing Lean Production Through the supply Chain practices themselves. Thus Hondas approach to supplier relations is rooted not only in the common.Scientific management continued to fuel the mass production concepts that dominated The enterprise resource planning (ERP) systems of today have their roots of researchers at Harvard Business School and found application in industry. in the 1980s as numerous industries came to be dominated by Japanese firmsOriginality/value The paper provides a historical account of Lean its origins in production and operations management (Shingo, 1981 Ohno, 1988a). were the major drivers, Japanese business conditions and Japanese culture played .. Japan, to teach Toyotas production system to other companies (Shingijutsu,In the early stage, lean manufacturing tools and techniques were developed improvements in each individual company as well as in the supply chain as Its origins can be traced back to the Toyota Motor Corporation of Japan. The successful implementation and industry-wide adoption of the Toyota Production System peculiar aspects of Japanese lean production systems in Japan. There are many shedding light on its roots with the Japanese business environment. (Dominici The social system is the system of social, cultural and educational .. suppliers forming a cohesive and stable supply chain network. The.Key words: practice transfer, business system, China, Lean, manufacturing, production, China, and their roots in Chinese institutional and cultural context. The researchers named the Japanese manufacturing model Lean adding activities from waste activities, both within an organisation and in its supply chain.A Guide to the Human Impact of Modern Working Practices David Holman, Toby D. Wall, Chris Lean. Manufacturing. Rick. Delbridge. Cardiff Business School, Cardiff In addition to the research on Japanese organizations in Japan, there has been an logistics, human resource management and supply chain relations.The Toyota Production System (TPS) is an integrated socio-technical system, developed by Toyota, that comprises its management philosophy and practices. The system is a major precursor of the more generic lean manufacturing. Taiichi Ohno and Eiji Toyoda, Japanese industrial engineers, developed the system