

1. Record Nr.	UNINA9910438254003321
Titolo	Handbook of stochastic models and analysis of manufacturing system operations // J. MacGregor Smith, Bars Tan, editors
Pubbl/distr/stampa	New York, : Springer, 2013
ISBN	1-4614-6777-2
Edizione	[1st ed. 2013.]
Descrizione fisica	1 online resource (396 p.)
Collana	International series in operations research & management science, , 0884-8289 ; ; v. 192
Altri autori (Persone)	SmithJ. MacGregor TanBars
Disciplina	670
Soggetti	Production management - Mathematical models Production control - Mathematical models Manufacturing processes - Mathematical models Stochastic analysis Stochastic processes
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 index.
Nota di contenuto	The Design of Manufacturing Systems to Cope with Variability -- Modeling Automated Warehouses Using Semi-Open Queueing Networks -- Exact Analysis of Discrete Part Production Lines -- Models of Leveling for Lean Manufacturing Systems -- Value of Advance Demand Information in Production and Inventory Systems with Share Resources -- Production Systems Engineering -- Production Release Control -- Queueing Network Models of Material Handling & Transportation Systems -- Modeling and Analysis of Output Variability in Discrete Material Flow Production Systems -- Stochastic Lot Sizing Problems -- From Operational to Financial Evaluation of Manufacturing Systems.
Sommario/riassunto	This handbook surveys important stochastic problems and models in manufacturing system operations and their stochastic analysis. Using analytical models to design and control manufacturing systems and their operations entail critical stochastic performance analysis as well as integrated optimization models of these systems. Topics deal with the areas of facilities planning, transportation, and material handling systems, logistics and supply chain management, and integrated

productivity and quality models covering: • Stochastic modeling and analysis of manufacturing systems • Design, analysis, and optimization of manufacturing systems • Facilities planning, transportation, and material handling systems analysis • Production planning, scheduling systems, management, and control • Analytical approaches to logistics and supply chain management • Integrated productivity and quality models, and their analysis • Literature surveys of issues relevant in manufacturing systems • Case studies of manufacturing system operations and analysis Today's manufacturing system operations are becoming increasingly complex. Advanced knowledge of best practices for treating these problems is not always well known. The purpose of the book is to create a foundation for the development of stochastic models and their analysis in manufacturing system operations. Given the handbook nature of the volume, introducing basic principles, concepts, and algorithms for treating these problems and their solutions is the main intent of this handbook. Readers unfamiliar with these research areas will be able to find a research foundation for studying these problems and systems.

2. Record Nr.

Autore

UNINA9910963534103321

Marquis Samuel S. <1866-1948.>

Titolo

Henry Ford : an interpretation / / Samuel S. Marquis ; with an introduction by David L. Lewis

Pubbl/distr/stampa

Detroit, Mich., : Wayne State University Press, c2007

ISBN

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Edizione

[New ed.]

Descrizione fisica

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Collana

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Soggetti

Industrialists - United States  
Automobile industry and trade - United States - History

Lingua di pubblicazione

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Formato

Materiale a stampa

Livello bibliografico

Monografia

Note generali

Originally published: Boston: Little, Brown, and Co., 1923.  
Includes index.

## Nota di contenuto

Introduction to new edition / David L. Lewis -- Introduction to Henry Ford: an interpretation -- The Ford halo -- The art of self-advertising -- A dream that came true -- The Ford fortune -- Some elements of success -- Mental traits and characteristics -- "Just kids" -- Behind a Chinese wall -- Henry Ford and the church -- Henry Ford, Dives, Lazarus and others -- The Ford charities -- The Ford executive scrap heap -- The Ford indebtedness -- Industrial scavengers -- Lights -- Shadows -- An elusive personality -- Edsel Ford -- The son and his father's shoes.

## Sommario/riassunto

A reprint of the rare and controversial biography of Henry Ford, first published in 1923, written by Ford's close associate. Regarded by many automotive historians as the finest and most dispassionate character study of Henry Ford ever written, *Henry Ford: An Interpretation* has long been out of print and priced out of the reach of many collectors. Published at the height of Ford's success in 1923, the volume was written by the Reverend Samuel S. Marquis, an Episcopalian minister who was also the head of the sociology department at Ford Motor Company. Instead of a history of Ford Motor Company or a simple retelling of Ford's life story, Marquis claims that his collection of essays is intended to analyze the "psychological puzzle such as the unusual mind and personality of Henry Ford presents." In insightful chapters that can be read in any order, Marquis examines Ford's mastery of self-promotion, his invincible reputation, his religious views, and his "elusive" personality. He also considers Ford through the lens of his corporation by commenting on its industrial operations, its charitable causes, and its "executive scrap heap." According to many accounts, Henry Ford was greatly pained by the criticism in some of Marquis's essays, which led him to suppress the wide distribution of the volume. Indeed, so many copies of *Henry Ford: An Interpretation* were borrowed from the Detroit Public Library and never returned that the library was forced to remove the volume from its shelves. Not surprisingly, the original edition of this book is very expensive and hard to find as a result of these sorts of actions. Ford history enthusiasts as well as readers who are interested in historical biography will be grateful for the reprint of this significant volume.