

Industrial Engineering Management By Op Khanna

Dit boek is, zoals de ondertitel aangeeft, in eerste instantie bedoeld voor bestuurders en managers. Maar het is eigenlijk onmisbaar voor iedereen die met digitale transformatie te maken heeft. Het biedt een waardevolle reflectie op in de dagelijkse praktijk ontwikkelde kennis en opgebouwde ervaring, toegespitst op de aanpak van hedendaagse digitale business-uitdagingen. Geschreven in begrijpelijke taal en vanuit een krachtige, logische opbouw. De auteur geeft heldere uitleg over de onderwerpen die er toe doen, zoals de noodzaak voor digitaal transformeren, de samenhang met de business-strategie en de essentiële verschillen in uitgangspunten tussen organisaties. Wat nu te doen wordt concreet en praktisch uitvoerbaar gemaakt aan de hand van een fasemodel en door vijf noodzakelijke digitale doorbraken te benoemen en uit te werken tot heldere doelen, die als onderdeel van de beoogde digitale strategie in de veranderingscyclus zouden moeten worden opgenomen. Het gepresenteerde fasemodel bevat drie fasen - van productfocus in de eerste fase naar klantgerichtheid in de tweede fase, gevolgd door een derde fase waarin de klant centraal staat. Het boek beschrijft wat er nodig is om deze stappen te zetten -

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de opgenomen checklist geeft organisaties richting. Dat helpt bij het opstellen van een strategie en het komen tot een goede routekaart voor organisaties om te transformeren. 'Het boek 'Succesvol Digitaal Transformeren' leest als een trein. Knap hoe in amper 100 pagina's de essentie van het vakgebied digitale transformatie is gevat. Maar het thema is ook nog eens heel praktisch gemaakt, de onderliggende vakgebieden (zoals datamanagement, enterprise architectuur, changemanagement) zijn aan elkaar geknoopt én begrijpelijk uitgelegd. Ik denk dat het boek in een grote behoefte voorziet, omdat veel boeken en artikelen over dit thema ofwel vol zitten met niet verder beschreven buzzwords, of vervallen in academisch jargon dat voor de gemiddelde lezer onbegrijpelijk is. Dit boek zit mooi tussen academische wereld en praktijk, zonder in compromissen te vervallen' Frank Harmsen, bijzonder hoogleraar Digital Transformation, Maastricht University

This book records the new research findings and development in the field of industrial engineering and engineering management, and it will serve as the guidebook for the potential development in future. It gathers the accepted papers from the 25th International conference on Industrial Engineering and Engineering Management held at Anhui University of Technology in Maanshan during August 24-25, 2019. The aim of this conference was to

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provide a high-level international forum for experts, scholars and entrepreneurs at home and abroad to present the recent advances, new techniques and application, to promote discussion and interaction among academics, researchers and professionals to promote the developments and applications of the related theories and technologies in universities and enterprises, and to establish business or research relations to find global partners for future collaboration in the field of Industrial Engineering. It addresses diverse themes in smart manufacturing, artificial intelligence, ergonomics, simulation and modeling, quality and reliability, logistics engineering, data mining and other related fields. This timely book summarizes and promotes the latest achievements in the field of industrial engineering and related fields over the past year, proposing prospects and vision for the further development.

RajB KNRao Conference Director, Birmingham Polytechnic Condition Monitoring and Diagnostic Engineering Management (COMADEM) is a relatively new field that has already made its mark in a wide range of industries. But all the signs are that even more will be required of researchers in the field over the next decade, for COMADEM directly addresses a whole range of issues that are likely to become increasingly important to companies as competitiveness increases along with the

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uncertainties resulting from rapid technological change. Already for example, businesses are having to scrutinize the economics of plant and machinery in greater detail than ever before; reliability is becoming a crucial factor as the costs of unscheduled breakdowns rise and there is increasing pressure on companies to demonstrate and assure improved health and safety conditions, especially in light of the growing number of catastrophic accidents that have occurred throughout the world. Because it offers solutions to these and similar problems, COMADEM is now gaining an international reputation as a problem-solving, user-friendly and financially beneficial multi-discipline with immense potential. Many people at the senior management level are now convinced that COMADEM has much to offer and are wasting no time in reaping maximum benefit from the latest developments. The fact that the first UK informal seminar on COMADEM - COMADEM 88 - proved to be a great success and had a truly international flavour reflected this growing interest in the new field.

This book records the new research findings and development in the field of industrial engineering, and it will serve as the guidebook for the potential development in industrial engineering and smart manufacturing. It gathers the accepted papers from the 24th International conference on Industrial

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Engineering and Engineering Management held at Central South University of Forestry and Technology in Changsha during May 19-20, 2018. The aim of this conference was to provide a high-level international forum for experts, scholars and entrepreneurs at home and abroad to present the recent advances, new techniques and application, to promote discussion and interaction among academics, researchers and professionals to promote the developments and applications of the related theories and technologies in universities and enterprises, and to establish business or research relations to find global partners for future collaboration in the field of Industrial Engineering. It addresses diverse themes in smart manufacturing, artificial intelligence, ergonomics, simulation and modeling, quality and reliability, logistics engineering, data mining and other related fields. This timely book summarizes and promotes the latest achievements in the field of industrial engineering and related fields over the past year, proposing prospects and vision for the further development.

Offers instruction in manufacturing engineering management strategies to help the student optimize future manufacturing processes and procedures. This edition includes innovations that have changed management's approach toward the uses of manufacturing engineering within the business

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continuum.

Being the premier forum for the presentation of new advances and research results in the fields of Industrial Engineering, IEEM 2015 aims to provide a high-level international forum for experts, scholars and entrepreneurs at home and abroad to present the recent advances, new techniques and applications face and face, to promote discussion and interaction among academics, researchers and professionals to promote the developments and applications of the related theories and technologies in universities and enterprises, and to establish business or research relations to find global partners for future collaboration in the field of Industrial Engineering. All the goals of the international conference are to fulfill the mission of the series conference which is to review, exchange, summarize and promote the latest achievements in the field of industrial engineering and engineering management over the past year, and to propose prospects and vision for the further development. This volume is the second of the two proceedings volumes from this conference.

Each number is the catalogue of a specific school or college of the University.

Engineering Management and Industrial Engineering endeavors to provide a comprehensive and in-depth understanding of recent advances in management industrial engineering. The book is divided in the sections below:

Modeling, Simulation and Engineering Application
Manufacturing Systems and Industrial Design Information
Processing and Engineering

Hispanic Engineer & Information Technology is a publication devoted to science and technology and to promoting opportunities in those fields for Hispanic Americans.

A ground-breaking examination of technocracy from the early

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progressive movement, the Taylorites, and Veblen to Galbraith and contemporary proponents of economic democracy.

This book comprises select papers presented at the International Conference on Mechanical Engineering Design (ICMechD) 2019. The volume focuses on the different design aspects involved in manufacturing, composite materials processing as well as in engineering management. A wide range of topics such as control and automation, mechatronics, robotics, composite and nanomaterial design, and welding design are covered here. The book also discusses current research in engineering management on topics like products, services and system design, optimization in design, manufacturing planning and control, and sustainable product design. Given the range of the contents, this book will prove useful to students, researchers and practitioners.

A clear-sighted introduction to a complex subject, 'Internal Marketing' provides the reader with a succinct overview of the most recent thinking and practice. The text begins by defining what internal marketing is and how it can work, and from this foundation:

- * Outlines state-of-the-art thinking and practice
- * Demonstrates how internal marketing can be used to facilitate such diverse strategies as TQM, New Product Development and Change Management
- * Highlights the techniques managers

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need to understand to use IM effectively within their organizations * Contains a range of international and up to the minute examples and cases of best practice from companies around the world Throughout the book the emphasis is on understanding the principles that have made internal marketing such a potent force within leading corporations. This is combined with a pragmatic assessment of the many challenges involved in making it a reality within an organization.

Dit veelomvattende, toegankelijke en praktische tekstboek biedt een complete basis in kwalitatieve en kwantitatieve onderzoeksmethoden voor sportstudies studenten. Het boek omvat een stapsgewijze begeleiding vanaf het ontwerpen van een onderzoeksproject tot het verzamelen en analyseren van data en het rapporteren hierover. Het is rijk geïllustreerd met sportgerelateerde case studies en met internationale voorbeelden. In deze compleet herziene en geactualiseerde uitgave omvat het boek de meest belangrijke onderwerpen zoals: Het uitkiezen van een geschikt onderzoeksontwerp Het uitvoeren van een literatuuronderzoek Het gebruiken van een aantal belangrijke onderzoeksmethoden zoals enquêtes, interviews, inhoudsanalyse en etnografisch onderzoek Het interpreteren van gegevens inclusief een inleiding in SPSS en richtlijnen voor beschrijvende en verklarende statistiek Het schrijven van een

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onderzoeksrapport Het omgaan met ethische onderwerpen in sportonderzoek Ethical issues in sports research Onderzoeksmethoden voor sportstudies is geschreven als complete en onafhankelijke gids voor elk onderzoeksmethoden vak en bevat een rijkdom aan bruikbare elementen zoals definities van kernwoorden, voorbeeld tentamenvragen en praktische onderzoeksvoorbeelden. Het boek is ook een belangrijke bron voor elke student die bezig is met een afstudeerproject of een onderzoek tijdens de stage.

This resource covers all areas of interest for the practicing engineer as well as for the student at various levels and educational institutions. It features the work of authors from all over the world who have contributed their expertise and support the globally working engineer in finding a solution for today's mechanical engineering problems. Each subject is discussed in detail and supported by numerous figures and tables.

Studieboek op hbo-niveau.

Furnishes information on 331 selective colleges and universities throughout the United States, providing facts about student demographics, academic programs, student life, selectivity data, and admissions requirements.

From the automotive industry to the semiconductor industry, manufacturers are suffering from an

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overabundance of automation methods that they cannot fully comprehend or afford, and glamorous leadership techniques that are simply not sustainable. In this respect, management has lost its way. Beyond World-Class Productivity shows why a return to traditional tools and the power of people can help companies meet today's challenges in the manufacturing sector. Beyond World-Class Productivity gives readers a balance of essential information, theory and case studies. Readers can expect to gain new insights into engineering approaches to productivity, profitability and real or non-real gain, including: • useful tools for industrial engineering • effectiveness in unit labor costs; • feasibility studies • work simplification; and • developing mind innovation. Practical examples and their accompanying commentary come from the author's 40 years of real-world experience on the shop floor and in the boardroom. Figures are also provided to illustrate actual productivity results from real companies. Both managers and engineers can appreciate Beyond World-Class Productivity as an enlightening guide to the improvement of productivity and profitability within the manufacturing sector. This handbook provides a clear explanation of the commercial, contractual and statutory aspects of a capital project in the process industries from feasibility studies, through commissioning/contract; to construction operation.

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This book presents the select proceedings of the International Conference on Industrial and Manufacturing Systems (CIMS 2020). It presents the current scenarios and future advancements in the domain of industrial engineering under context of optimum value. Various topics covered include optimisation and its applicability in the various areas of industrial engineering like selection of designing parameters and, decisions related to conditions of optimum process/operation parameters, facilities planning and management, transportation and supply chain management, quality engineering, reliability and maintenance, system optimization, product design and development, human factors and ergonomics, project management, service system and service management, waste management, sustainable manufacturing and operations, systems design, lean manufacturing, and performance measurement. This book will be useful for the students, researchers and professionals working in the area of industrial and production engineering.

Sputtered Thin Films: Theory and Fractal

Descriptions provides an overview of sputtered thin films and demystifies the concept of fractal theory in analysis of sputtered thin films. It simplifies the use of fractal tools in studying the growth and properties of thin films during sputtering processes. Part 1 of the book describes the basics and theory of thin film sputtering and fractals. Part 2 consists of examples

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illustrating specific descriptions of thin films using fractal methods. Discusses thin film growth, structure, and properties Covers fractal theory Presents methods of fractal measurements Offers typical examples of fractal descriptions of thin films grown via magnetron sputtering processes Describes application of fractal theory in prediction of thin film growth and properties This reference book is aimed at engineers and scientists working across a variety of disciplines including materials science and metallurgy as well as mechanical, manufacturing, electrical, and biomedical engineering.

This book comprises select peer-reviewed contributions from the 6th International Conference on Production and Industrial Engineering (CPIE – 2019). The volume focuses on latest research in the field of Industrial and Systems Engineering, and its allied areas. Articles on variety of topics such as Human Factors Engineering, Lean Manufacturing, Six Sigma, Logistics and Supply Chain Management, Operations Research, Quality Engineering, Measurement and Control, Reliability and Maintenance Engineering, Green Supply Chain Management, Modelling and Simulation, Sustainability, Technology Management, Agile and Flexible Manufacturing, Technology Management and Computer Aided Manufacturing are discussed in this book. Given the range of topics covered, the book will be useful for students, researchers, and professionals interested in different areas of Industrial and Systems Engineering.

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Contemporary Military Geosciences in South Africa presents the reader with chapters celebrating the scope, reach and impact of themes researched by military geoscientists. The first topics under investigation ranges from battlefield archaeology and battlefield tourism to military environmental management and the development of a unique South African spatial decision support system for military integrated environmental management. This is followed by an in-depth look at contemporary maritime factors at play in South Africa. The book is concluded by an analysis of the issues surrounding military mobility software and terrain negotiability, as well as a comprehensive examination of how geographic factors influence the distribution of natural radionuclides in a military area.

The International Conference on Industrial Engineering and Engineering Management is sponsored by the Chinese Industrial Engineering Institution, CMES, which is the only national-level academic society for Industrial Engineering. The conference is held annually as the major event in this arena. Being the largest and the most authoritative international academic conference held in China, it provides an academic platform for experts and entrepreneurs in the areas of international industrial engineering and management to exchange their research findings. Many experts in various fields from China and around the world gather together at the conference to review, exchange, summarize and promote their achievements in the fields of industrial engineering and engineering management. For example, some experts pay special attention to the current state of

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the application of related techniques in China as well as their future prospects, such as green product design, quality control and management, supply chain and logistics management to address the need for, amongst other things low-carbon, energy-saving and emission-reduction. They also offer opinions on the outlook for the development of related techniques. The proceedings offers impressive methods and concrete applications for experts from colleges and universities, research institutions and enterprises who are engaged in theoretical research into industrial engineering and engineering management and its applications. As all the papers are of great value from both an academic and a practical point of view, they also provide research data for international scholars who are investigating Chinese style enterprises and engineering management. For close to 20 years, "Industrial Engineering and Production Management" has been a successful text for students of Mechanical, Production and Industrial Engineering while also being equally helpful for students of other courses including Management. Divided in 5 parts and 52 chapters, the text combines theory with examples to provide in-depth coverage of the subject.

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