

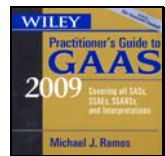


ENGLISH BOOKS

ACCOUNTING

1- Ramos, Michael.

**Wiley practitioner's guide to GAAS 2009:
covering all SASs, SSAEs, SSARSs, and
interpretations**



657.45021873

Ra

Hoboken: Wiley, 2009.

780 p.

(9406)

1- Auditing.

Abstract:

This latest resource to understanding GAAS addresses the toughest part of your job-identifying, interpreting, and applying the many audit, attest, review, and compilation standards relevant to a particular engagement. It offers you:

- A brief identification of each SAS, SSAE, and SSARS, with its effective date and tips on when to apply it
- A convenient and comprehensive glossary of official definitions, which are usually scattered throughout a standard
- Behind-the-scenes explanations of the reasons for each pronouncement and brief explanations of the basic ideas of the section
- Concise listing and descriptions of each standard's specific mandates
- Easy-to-read capsule summary of interpretations, plus selected



AICPA practice alerts and advisories

- Helpful techniques for remaining compliant with each standard
- Examples and illustrations for testing internal controls

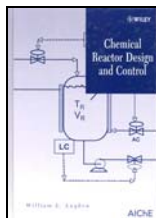
CHEMICAL ENGINEERING

2- Luyben, William L.

Chemical reactor design and control

Hoboken: John Wiley, 2007.

419 p.



660.2832

Lu

1- Chemical reactors- Design and construction.

(9598)

Abstract:

Chemical Reactor Design and Control uses process simulators like Matlab, Aspen Plus, and Aspen Dynamics to study the design of chemical reactors and their dynamic control. There are numerous books that focus on steady-state reactor design. There are no books that consider practical control systems for real industrial reactors. This unique reference addresses the simultaneous design and control of chemical reactors. After a discussion of reactor basics.



COMPUTER SCIENCE

3- April, Alain.

Software maintenance management: evaluation and continuous improvement

Hoboken: Wiley Interscience, 2008.

314 p.



005.16

Ap

1- Software maintenance.

(9470)

Abstract:

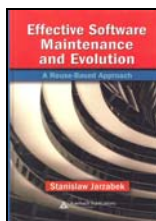
This book explores the domain of software maintenance management and provides road maps for improving software maintenance organizations. It describes full maintenance maturity models organized by levels 1, 2, and 3, which allow for benchmarking and continuous improvement paths. Goals for each key practice area are also provided, and the model presented is fully aligned with the architecture and framework of software development maturity models of CMMI and ISO 15504. It is complete with case studies, figures, tables, and graphs.

4- Jarzabek, Stan.

Effective software maintenance and evolution: a reuse-based approach

Boca Raton: Auerbach Publications, 2007.

392 p.



005.16

Ja

1- Computer software- Reusability.

2- Software maintenance.

3- Software engineering.

(9467)



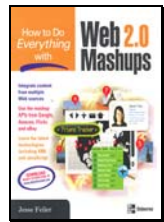
Abstract:

With software maintenance costs averaging 50% of total computing costs, it is necessary to have an effective maintenance program in place. Aging legacy systems, for example, pose an especially rough challenge as veteran programmers retire and their successors are left to figure out how the systems operate. This book explores program analyzers, reverse engineering tools, and reengineering tools in-depth and explains the best ways to deploy them. It also discusses using XML-based tools, the roles of software components, object technology, and metaprogramming in improving systems maintenance, as well as how to align software with business goals through strategic maintenance.

5- Feiler, Jesse.

How to do everything with Web 2.0 mashups

New York: McGraw-Hill, 2008.
303 p.



005.2768

Fe

- 1- Mashups (World Wide Web).
- 2- Web 2.0.
- 3- Web site development.

(9437)

Abstract:

Want to supercharge your website with the latest searching, mapping, shopping, and imaging tools? Now you can build amazing mashups with help from this step-by-step guide. How to Do Everything with Web 2.0 Mashups shows you how to remix the best of Google, Amazon, Flickr, and eBay to create customized applications. You'll learn to use essential Web 2.0 technologies--including XML, JavaScript, XHTML, and REST--and seamlessly integrate them into your own innovative mashups.

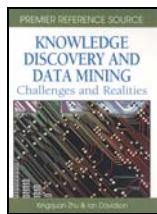


- Build dynamic mashups using XML and JavaScript
- Use MySQL with PHP to retrieve data from databases
- Receive data via RSS and Atom
- Learn to use XMLHttpRequest, XML-RPC, REST, and JSON
- Structure your mashup pages using XHTML
- Incorporate Google searching and mapping technologies
- Integrate Amazon Web Services
- Include Flickr photos in your mashups
- Tap into eBay tools and map the locations of eBay sellers
- Successfully manage multiple technologies in your mashups

6- Xingquan, Zhu.

Knowledge discovery and data mining: challenges and realities

Hershey: Information Science Reference, 2007.
274 p.



**005.74
Xi**

1- Data mining.

2- Expert systems (Computer science).

(9454)

Abstract:

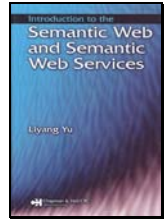
Knowledge discovery and data mining (KDD) is dedicated to exploring meaningful information from a large volume of data. Knowledge Discovery and Data Mining: Challenges and Realities is the most comprehensive reference publication for researchers and real-world data mining practitioners to advance knowledge discovery from low-quality data. This Premier Reference Source presents in-depth experiences and methodologies, providing theoretical and empirical guidance to users who have suffered from underlying, low-quality data. International experts in the field of data mining have contributed all-inclusive chapters focusing on interdisciplinary collaborations among data quality, data processing, data mining, data privacy, and data sharing.



7- Yu, Liyang.

Introduction to Semantic Web and Semantic Web services

Boca Raton: Chapman & Hall/CRC, 2007.
341 p.



025.04
Yu

- 1- Semantic Web.
- 2- Web services.

(9420)

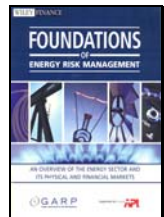
Abstract:

Equipping you with the tools to explore the world of the semantic Web, this practical resource builds a firm foundation in the concept of the semantic Web, its principal technologies, its real-world applications, and its relevant coding examples. After an introduction to the semantic Web concept, the book discusses its major technical enablers and the relationships among these components. The author then presents several applications of the semantic Web, including Swoogle, FOAF, and a detailed design of a semantic Web search engine. The book concludes with discussions on how to add semantics to a traditional Web service description and how to develop a search engine for semantic Web services.

ENERGY

8- Foundations of energy risk management: an overview of the energy sector and its physical and financial markets

Hoboken: John Wiley, 2009.
119 p.



333.790681
Fo

- 1- Energy industries- Risk management.
- 2- Power resources.
- 3- Risk management.

(9458)



Abstract:

GARP's Fundamentals of Energy Risk Management introduces investors to the basic components and some of the basic terminology used in the energy industry. It covers the commodity cycle, energy use and sources, and various risk types, various energy products and the markets where energy is traded. It also introduces certain risk management fundamentals and real option thinking. The book is GARP's required text used by risk professionals looking to obtain their Certificate in Energy Risk Management.

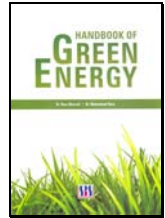
9- Marandi, Reza.

Handbook of green energy

New Delhi: SBS PUB., 2009.

718 p.

- 1- Energy conservation.
- 2- Green energy.



R

621.042

Ma

(9488)

Abstract:

This handbook provides an unparalleled introductory overview of green energy as a subject area. The green energy concepts are discussed in detail including that of energy economics and energy accounting. The handbook gives readers holistic global, regional and national perspectives and trends on green energy. The green energy policies of Africa, green energy in Portugal, Honduras, Finland, Colombia, Australia, New Zealand, Spain and Canada. The issues related to energy efficiency, cleanliness and conservation are highlighted. The handbook also covers the global agenda of recycled energy and energy from waste. The importance of energy quality and having the alternative energy index is analyzed in detail. This



handbook will be very useful for the industry sector, the finance sector, the policy-makers, the scientists, the decision-makers, the buyers and sellers in green energy markets.

ENGINEERING

10- Jeffs, Eric J.

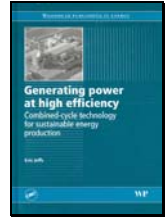
Generating power at high efficiency: combined-cycle technology for sustainable energy production

Cambridge: Woodhead Publishing; CRC, 2008.
205 p.

- 1- Integrated gasification combined cycle power plants.
- 2- Power resources.

Abstract:

The author introduces all the essential elements of this growing market by providing an in-depth background to the subject and clear descriptions of all the major products and processes associated with Islamic finance. Key features include.



621.312132

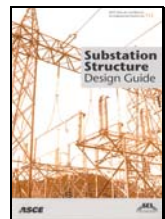
Je

(9407)

11- **Substation structure design guide**

Reston, Va.: American Society of Civil
Engineers, 2008.
152 p.

- 1- Structural design- Handbooks, manuals, etc.



621.3126

Su

(9391)



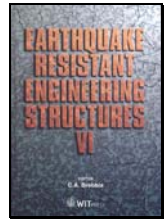
Abstract:

Substation Structure Design Guide (ASCE Manuals and Reports on Engineering Practice No. 113), provides a comprehensive resource for the structural design of outdoor electrical substation structures. Prepared by the ASCE Subcommittee on the Design of Substation Structures, this new manual offers current recommendations developed by substation structure designers Utility engineers, structural and electrical engineers, and anyone that works in the field of transmission line substation design will benefit from this manual. Topics include: Electrical Equipment and Structure Types Loading Criteria for Substation Structures Deflection Criteria Methods of Analysis Design Connections to Foundations and Quality Control and Quality Assurance.

12- Brebbia, CA.

Earthquake resistant engineering structures VI

Southampton, U.K.: WIT Press, 2007.
470 p.



**624. 1762
Br**

- 1- Earthquake engineering- Congresses.
- 2- Earthquake resistant design- Congresses.

(9456)

Abstract:

This book contains selected papers presented at the Sixth International Conference on Earthquake Resistance and Engineering Structures . This book provides a forum for the discussion of the latest developments in innovative design and construction of new earthquake resistant structures as well as the retrofitting of existing buildings. The ERES conference continues to attract promising young researchers as well as familiar names in the field of earthquake

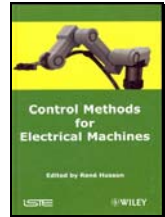


engineering. This combination is the main reason why the ERES meetings continue to bring to the attention of the international scientific community original high quality papers on topics such as: earthquake resistant design, bridges, seismic isolation, passive protection devices and seismic isolation, self-centering systems, site effects and geotechnical aspects, seismic behavior and vulnerability, lifelines, monitoring and testing, retrofitting, and structural dynamics.

13- Control methods for electrical machines

London: Wiley, 2009.
374 p.

- 1- Electric machinery- Automatic control.
- 2- Electric machinery- Mathematical models.



621.31042
Co

(9576)

Abstract:

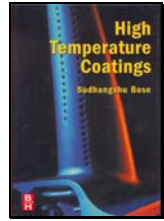
The control of electrical machines depends on their use (nature of the load, operating states, etc.). This use determines the control laws. The mechanics are also very important, because they affect performance. Operating safety of machines is essential for industrial applications. All these issues are addressed in this title, featuring contributions from a range of authors who are specialists in their particular field. Different ways to control a set of machines coordinating their actions are also presented. This book is primarily aimed at those involved in complex systems design, but engineers in a range of fields will also find this a useful source of information.



14- Bose, Sudhangshu.

High temperature coatings

Boston: Elsevier Butterworth-Heinemann, 2007.
299 p.



671.73
Bo

- 1- Refractory coating.
- 2- Heat resistant materials.

(9608)

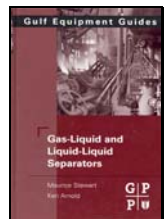
Abstract:

High Temperature Coatings demonstrates how to counteract the thermal effects of the rapid corrosion and degradation of exposed materials and equipment that can occur under high operating temperatures. This is the first true practical guide on the use of thermally-protective coatings for high-temperature applications, including the latest developments in materials used for protective coatings. It covers the make-up and behavior of such materials under thermal stress and the methods used for applying them to specific types of substrates, as well as invaluable advice on inspection and repair of existing thermal coatings.

15- Stewart, Maurice.

Gas-liquid and liquid-liquid separators

Oxford: Gulf Professional, 2009.
226 p.



660.2842
St

- 1- Separators (Machines).
- 2- Gases- Separation.

(9607)



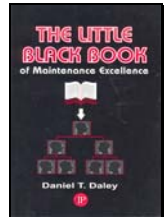
Abstract:

This practical guide is designed to help engineers and operators. For selection, specification, operating parameters, and trouble-shooting separators; form an understanding of the uncertainties and assumptions inherent in operating the equipment. The goal is to help familiarize operators with the knowledge and tools required to understand design flaws and solve everyday operational problems for types of separators. The book is divided into six parts: Part one and two covers fundamentals such as: physical properties, phase behavior and calculations.

16- Daley, Daniel T.

The little black book of maintenance excellence

New York: Industrial Press, 2008.
272 p.



658.202

Da

1- Plant maintenance- Management.

(9434)

Abstract:

This book provides an introduction to the concept of 'excellence' in the several forms of maintenance used during the life of any system or facility. Unlike most books that tend to focus on just one of the areas of maintenance, this book looks at all the distinct forms of maintenance including: Routine Maintenance, Turnaround Maintenance, Program Maintenance, Project (Maintenance) Management, Reliability in Maintenance, Predictive and Preventive Maintenance, and Precision Maintenance. Rather than simply focusing on 'how to get the work done', this concise resource focuses on Maintenance Excellence and meeting its objectives more effectively and more efficiently. Uniquely designed for busy people who want and need to learn more



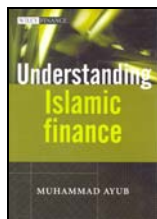
about maintenance excellence but have a limited amount of time to do so, each chapter is designed to provide a stand-alone learning opportunity for individuals who have an opportunity to pick the book up over lunch or whenever the opportunity arises.

FINANCIAL

17- Ayub, Muhammad.

Understanding Islamic finance

Hoboken, NJ: John Wiley, 2007.
516 p.



332.091767

Ay

- 1- Finance - Islamic countries.
- 2- Finance- Religious aspects Islam.
- 3- Economics- Religious aspects Islam.

(9465)

Abstract:

The author introduces all the essential elements of this growing market by providing an in-depth background to the subject and clear descriptions of all the major products and processes associated with Islamic finance. Key features include:

- Discussion of the principles of Islamic finance;
- Introduction to the key products and procedures that International Financial Institutions are using or may adopt to fund a variety of clients ensuring
- Discussion of the role Islamic finance can play in the development of the financial system and of economies;
- Practical and operational examples that cover deposit and fund management by banks involving financing of various sectors of the economy, risk management, accounting treatment, and working of Islamic financial markets and instruments.



18- Fontana, Giuseppe.

Money, uncertainty and time

London: Routledge, 2009.
516 p.



332.401
Fo

- 1- Keynesian economics.
- 2- Money.
- 3- Monetary policy.

(9379)

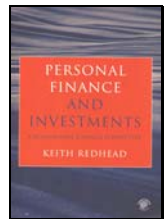
Abstract:

This excellent new book from one of the brightest young economists, Giuseppe Fontana, involves a compendium of issues surrounding uncertainty, money and time. Fontana shines a Post Keynesian light onto statements and claims made by well-known neo-classical authors and as such leaves us with an interesting and informative book to be read and re-read by all those scholars and students involved with monetary economics.

19- Redhead, Keith.

**Personal finance and investments:
a behavioural finance perspective**

London: Routledge, 2008.
909 p.



332.6
Re

- 1- Investments.
- 2- Finance, Personal.
- 3- Investment analysis.
- 4- Portfolio management.

(9469)



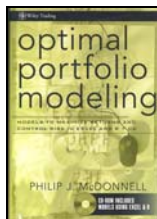
Abstract:

This book is the ideal course book for the growing number of options in personal finance and money management, explaining the investment and financing strategies available to individual investors and including various case studies and exercises.

20- McDonnell, Philip J.

Optimal portfolio modeling: models to maximize return and control risk in Excel

Hoboken, N.J.: Wiley, 2008.
297 p. + CD.



332.60285554

Mc

- 1- Portfolio management.
- 2- Risk management.
- 3- Investments.

(9464)

Abstract:

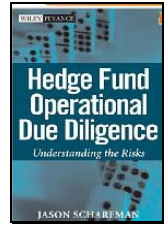
This book provides a cornucopia of practical techniques with readily accessible statistical backup for maximizing returns from systematic trading. Author discusses position sizing, portfolio construction, utility, money management, and much more, all of which can make important contributions to total return.



21- Scharfman, Jason A.

**Hedge fund operational due diligence:
understanding the risks**

Hoboken: Wiley, 2009.
300 p.



332.64524
Sc

- 1- Hedge funds.
- 2- Risk management.

(9373)

Abstract:

Everything you need to run a hedge fund. Scharfman also explains the reliance on technology that is becoming ever more apparent in hedge funds, the dangers of phantomware, and questions that should be asked before committing to any new technology. In his book, Jason Scharfman identifies these operational risks and recommends a strong and innovative "operational" due diligence review program as the best defense against them. His book outlines a step-by-step guide that shows investors how to effectively detect and evaluate often-overlooked operational risk factors in hedge funds and other investments in order to provide hedge funds and their investors with the skills to understand and hopefully mitigate these risks.

22- **Handbook of financial engineering**

New York: Springer, 2008.
491 p.



658.15224
Zo

- 1- Financial engineering.

(9427)



Abstract:

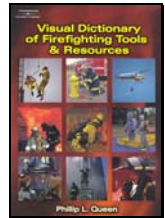
This comprehensive edited volume discusses the most recent advances within the field of financial engineering, focusing not only on the description of the existing areas in financial engineering research, but also on the new methodologies that have been developed for modeling and addressing financial engineering problems. This book is divided into four major parts, each covering different aspects of financial engineering and modeling such as portfolio management and trading, risk management, applications of operation research methods, and credit rating models.

HEALTHY SAFETY & ENVIRONMENT (HSE)

23- Queen, Phillip L.

Visual dictionary of firefighters' tools and resources

Clifton Park, NY: Thomson Delmar Learning,
2007.
192 p.



R
628.92503
Qu

- 1- Fire extinction- Dictionaries.
- 2- Fire extinction- Equipment and supplies- Dictionaries.
- 3- Picture dictionaries.

(9415)

Abstract:

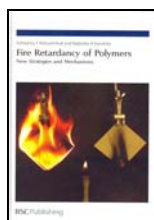
Designed especially for visual learners, the Visual Dictionary of Firefighting Tools is a one-stop resource containing definitions for various tools utilized in search and rescue, as well as other resources critical to incident response. Photos and graphics accompany the terms and definitions for easy identification. A handy reference for firefighters, fire officers and instructors, this book will fit into any classroom or fire department.



24- Fire retardancy of polymers: new strategies and mechanisms

Cambridge: Royal Society of Chemistry, 2009.
433 p.

1- Fire resistant polymers- Congresses.



628.9223

Fi

(9412)

Abstract:

This book covers the latest developments in fire retardant strategies including:

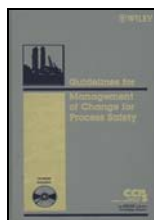
- New fire retardant systems (including nanoparticulate fillers, sometimes combined with conventional fire retardants).
- Intumescent formulations and their recent applications in bulk polymers, fibers and textiles.
- Test-methods for material flammability.
- Material-specific aspects of combustion, smoke and toxicity.

Fire retardant strategies covered, include the use of synergistic combinations of alumina with organoclay, organophosphorus compounds, silica and organosilicones, clay-phosphate combinations and a novel technique for investigating fire retardant behavior.

25- Guidelines for the management of change for process safety

Hoboken: Wiley, 2008.
170 p. + CD.

1- Chemical processes- Safety measures.



660.2804

Gu

(9447)



Abstract:

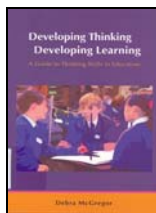
Guidelines for the Management of Change for Process Safety provides guidance on the implementation of effective and efficient Management of Change (MOC) procedures, which can be applied to improve process safety. In addition to introducing MOC systems, the book describes how to design an initial system from scratch, including the scope of the system and the applications over a plant life cycle and the boundaries and overlaps with other process safety management systems.

LEARNING

26- McGregor, Debra.

Developing thinking, developing learning: a guide to thinking skills in education

Maidenhead: Open University Press, 2007.
330 p.



370.152

Mc

- 1- Thought and thinking- Study and teaching.
- 2- Learning.
- 3- Learning, Psychology of.

(9455)

Abstract:

Debra McGregor has at last brought the tricky subject of thinking skills to the attention of a wide audience with this carefully written and eminently clear exposition. Drawing on a wealth of experience of the subject on both sides of the Atlantic she has skillfully crafted a work that will be of interest and use to academics, teachers and even the layman with a curiosity for how the brain works. This book references a huge number of workers in the field and as such will prove to be a good starting point for many intent on delving more into how we all learn. It will also be an essential read for academics in this area. Increasingly we need to understand the complex topic of



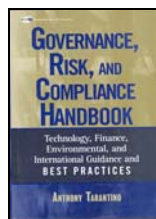
thinking skills if we are to maximize the potential of our young people as they pass fleetingly through our education system and Debra McGregor's *Developing Thinking Developing Learning* will undoubtedly make a significant contribution to this understanding. Indeed I would suggest anyone intent on finding out more about this fascinating topic would be well advised to start with this book.

MANAGEMENT

27- Tarantino, Anthony.

Governance, risk, and compliance handbook: technology, finance, environmental, and international guidance and best practices

Hoboken: John Wiley & Sons, 2008.
972 p.



658.151
Ta

- 1- Corporate governance.
- 2- Risk management.
- 3- Compliance auditing.

(9463)

Abstract:

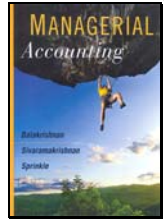
Its analysis of a variety of practices in corporate governance and its fruitful guidance of governance and compliance in diverse industries make this a must-own reference. It is not easy to find a handbook of corporate governance that provides such scope in a single volume. This handbook should be one of the most frequently referenced books in your bookshelf, if you work in the field of corporate governance.



28- Balakrishnan, Ramji.

Managerial accounting

Hoboken, NJ: John Wiley & Sons, 2009.
674 p.



658.1511

Ba

1- Managerial accounting.

(9429)

Abstract:

Every effort is made to help students relate the concepts in this book to the decisions made by working managers. With insightful chapter openers, the popular Managerial Accounting in Action segments within the chapters, and stimulating end-of-chapter exercises, a student reading Garrison should never have to ask “Why am I learning this?” There’s more than one type of business, and so Garrison covers a variety of business models, including not-for-profit, retail, service, and wholesale organizations as well as manufacturing. In the twelfth edition, service company examples are highlighted with icons in the margins of the text.

29- Human resource management in the public sector.

Human resource management in the public sector

London: Routledge, 2008.
150 p.



658.3

Hu

- 1- Administrative agencies- Personnel management.
- 2- Personnel management.
- 3- Public administration.

(9380)



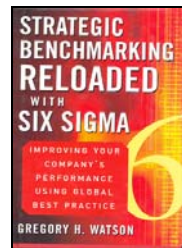
Abstract:

HRM is a core element public service organizations, whose employees are often their most valuable resource. This outstanding book tackles the subject head on, bringing together cutting-edge research from a range of respected international authors.

30- Watson, Gregory H.

Strategic benchmarking reloaded with six sigma: improve your company's performance using global best practice

Hoboken: John Wiley & Sons, 2007.
318 p.



658.4013

Wa

(9417)

- 1- Benchmarking (Management).
- 2- Six sigma (Quality control standard).
- 3- Performance.

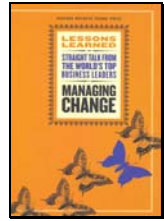
Abstract:

Strategic benchmarking reloaded with six sigma updates benchmarking, the revolutionary business performance methodology by adding statistical concepts from six sigma. These two methodologies combine to form a powerful platform for improving any company's overall performance. This new revision reviews the first twenty-five years of development in benchmarking and features new appendices, case studies, and topics, making this the most complete and comprehensive coverage of the subject available.



31- **Managing Change.**

Boston, Mass.: Harvard Business School Press,
2007.
318 p.



658.406

Ma

- 1- Organizational change.
- 2- Organizational effectiveness.
- 3- Management.
- 4- Communication in organizations.

(9398)

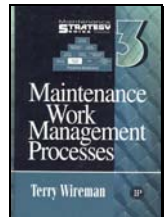
Abstract:

Wondering how the most accomplished leaders from around the globe have tackled their toughest challenges? This title offers 12-14 insightful essays by top leaders in industry, the public sector, and academia on the most pressing issues they've faced. It gives you access to the wisdom and expertise of the world's most talented leaders.

32- Wireman, Terry.

Maintenance work management processes

New York, NY: Industrial Press, 2008.
175 p.



658.202

Wi

- 1- Production management.
- 2- Industrial efficiency.
- 3- Organizational effectiveness.

(9471)

Abstract:

The third volume of the series, Maintenance Work Management Processes, focuses on developing a work management process that will support the maintenance strategy components. It outlines a



financially cost effective process that collects the data to use advanced strategies such as RCM and TPM. The text extensively details the maintenance organizational development process and then outlines nine basic work management flows. The nine flows are then detailed and the potential problems with executing the flows are examined along with solutions to the most common problems.

POLYMER & PLASTICS

33- Troughton, Michael J.

Handbook of plastics joining: a practical guide 2nd ed

Norwich: The Welding Institute 2008.
590 p.



668.4
Tr

1- Plastics- Welding- Handbooks, manuals, etc.

(9590)

Abstract:

The new edition of this book provides fully updated and detailed descriptions of plastics joining processes, plus an extensive compilation of data on joining specific materials. The volume is divided into two main parts: processes and materials. The processing section has 18 chapters, each explaining a different joining technique. The materials section has joining information for 25 generic polymer families. Both sections contain data organized according to the joining methods used for that material.



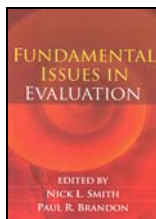
RESEARCH STUDIES

34- Smith, Nick L.

Fundamental issues in evaluation

New York: Guilford Press, 2008.

266 p.



001.4

Sm

1- Evaluation research (Social action programs).

(9468)

Abstract:

Providing state-of-the-art perspectives on what evaluation is, its purpose, and how to ensure it is done well, this book brings together major evaluation researchers from a variety of social and behavioral science disciplines. Each chapter identifies a fundamental issue facing the field today; considers its implications for theory, method, practice, or the profession; and explores one or more approaches to dealing with the issue. Among the topics addressed are the nature of expertise in evaluation, how to build a better evidence base for evaluation theory, promoting cultural competence in evaluation, how to synthesize evaluation research findings, ways to involve stakeholders in decision making, and much more.