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"In this book, Andy
Baxevanis and Francis

Ouellette . . .

have undertaken the
difficult task of
organizing the knowledge
in this field in a logical
progression and presenting
it in a digestible form.

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And they have done an excellent job. This fine text will make a major impact on biological research and, in turn, on progress in biomedicine. We are all in their debt."

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-Eric Lander from the
Foreword Reviews from the
First Edition "...provides
a broad overview of the
basic tools for
sequenceanalysis ... For
biologists approaching

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this subject for the firsttime, it will be a very useful handbook to keep on the shelf afterthe first reading, close to the computer." -Nature Structural Biology

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"...should be in the personal library of any biologist who uses the Internet for the analysis of DNA and protein sequencedata." -Science
"...a wonderful primer

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designed to navigate the novice through the intricacies of in scripto analysis ... The accomplished gene researcher will also find this book a useful addition to

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their library ... an
excellent reference to the
principles
of bioinformatics." —Trends
in Biochemical Sciences
This new edition of the
highly successful

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Bioinformatics: A Practical Guide to the Analysis of Genes and Proteins provides a sound foundation of basic concepts, with practical discussions and comparisons of both

computational tools
and databases relevant to
biological research.
Equipping biologists with
the modern tools necessary
to solve practical problems
in sequence data analysis,

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the Second Edition covers
the broad spectrum of
topics in bioinformatics,
ranging from Internet
concepts to predictive
algorithms used on
sequence, structure, and

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expression data. With chapters written by experts in the field, this up-to-date reference thoroughly covers vital concepts and is appropriate for both the

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novice and the
experienced practitioner.
Written in clear, simple
language, the book
is accessible to users
without an advanced
mathematical or

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computerscience

background. This new
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end-of-chapter Web
resources, bibliographies,
and problem sets
Accompanying Web site

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containing the answers to
the problems, as well as
links to relevant Web
resources New coverage of
comparative genomics,
large-scale
genome analysis, sequence

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assembly, and expressed
sequence tags A glossary
of commonly used terms in
bioinformatics andgenomics
Bioinformatics: A
Practical Guide to the
Analysis of Genesand

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Proteins, Second Edition
is essential reading
for researchers,
instructors, and students
of all levels in
molecular biology and
bioinformatics, as well as

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for investigators
involved in genomics,
positional cloning,
clinical research,
and computational biology.
Based on a lifelong
professional and personal

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interest, "Traditional Buildings" presents a unique survey of vernacular architecture across the globe. The reader is taken on a fascinating tour of

traditional building
around the world, which
includes the loess cave
homes of central China,
the stilt houses on the
shores of Dahomey, the
housebarns of Europe and

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North America, the wind towers of Iran, the Bohio houses of the Arawak Indians of the Caribbean, and much more. Professor's Noble's extensive travels have allowed him to

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examine many of the building at close quarters and the richly illustrated text includes photographs from his personal collection. With its comprehensive and detailed

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bibliography, the work
will be welcomed by
experts and non-
specialists alike.
Accompanying CD-ROM
contains ... "data files,
Web links, practice

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quizzes, PowerPoint, video clips, software tutorials, MegaStat for Excel software and user manual."--Page 4 of cover. Examines the different populations and settings

that can make surveys hard to conduct and discusses methods to meet these challenges.

The Cambridge Handbook of the Law of the Sharing Economy

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Experimental and
Simulation Perspectives
Dismantling the Bomb and
Managing the Nuclear
Materials
Why Do We Do What We Do?
Facade Construction Manual

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A Practical Guide to the
Analysis of Genes and
Proteins

Why we do what we do is a matter of
great interest to everyone, and
everyone seems to have had their say
about it — philosophers, sociologists,

anthropologists, psychologists, economists, and historians perhaps the most, case by case. Occasionally the specialists have offered their ideas to a general readership, but mostly they prefer to speak to and with their fellows in their particular disciplines.

To evaluate and compare their findings in a cross-disciplinary way is now for the first time attempted, by Ramsay MacMullen. Emeritus history professor from Yale University, he is the recipient of various academic awards, including a lifetime Award for

Scholarly Distinction from the American Historical Association Lead-Acid Batteries for Future Automobiles provides an overview on the innovations that were recently introduced in automotive lead-acid batteries and other aspects of current

research. Innovative concepts are presented, some of which aim to make lead-acid technology a candidate for higher levels of powertrain hybridization, namely 48-volt mild or high-volt full hybrids. Lead-acid batteries continue to dominate the

market as storage devices for automotive starting and power supply systems, but are facing competition from alternative storage technologies and being challenged by new application requirements, particularly related to new electric vehicle

functions and powertrain
electrification. Presents an overview of
development trends for future
automobiles and the demands that they
place on the battery Describes how to
adapt LABs for use in micro and mild
hybrid EVs via collector construction

and materials, via carbon additives, via new cell construction (bipolar), and via LAB hybrids with Li-ion and supercap systems System integration of LABs into vehicle power-supply and hybridization concepts Short description of competitive battery

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technologies

A New York Times Bestseller A
Washington Post Notable Nonfiction
Book of 2020 Named a Best Book of
2020 by NPR □A fascinating scientific,
cultural, spiritual and evolutionary
history of the way humans breathe□and

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how we've all been doing it wrong for a long, long time." Elizabeth Gilbert, author of *Big Magic* and *Eat Pray Love* No matter what you eat, how much you exercise, how skinny or young or wise you are, none of it matters if you're not breathing properly. There is nothing

more essential to our health and well-being than breathing: take air in, let it out, repeat twenty-five thousand times a day. Yet, as a species, humans have lost the ability to breathe correctly, with grave consequences. Journalist James Nestor travels the world to

figure out what went wrong and how to fix it. The answers aren't found in pulmonology labs, as we might expect, but in the muddy digs of ancient burial sites, secret Soviet facilities, New Jersey choir schools, and the smoggy streets of São Paulo. Nestor tracks

down men and women exploring the hidden science behind ancient breathing practices like Pranayama, Sudarshan Kriya, and Tummo and teams up with pulmonary tinkerers to scientifically test long-held beliefs about how we breathe. Modern

research is showing us that making even slight adjustments to the way we inhale and exhale can jump-start athletic performance; rejuvenate internal organs; halt snoring, asthma, and autoimmune disease; and even straighten scoliotic spines. None of this

should be possible, and yet it is.

Drawing on thousands of years of medical texts and recent cutting-edge studies in pulmonology, psychology, biochemistry, and human physiology, *Breath* turns the conventional wisdom of what we thought we knew about our

most basic biological function on its head. You will never breathe the same again.

A practical manual that will take you step-by-step through the job-search process. Shows how to create outstanding resumes, write winning

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cover letters, and be a pro in interviewing. This manual will significantly reduce job-search time, help win a higher salary, reduce stress and anxiety, get out of a dead-end career, develop self-confidence. The antidote to job loss! How to become an

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outstanding candidate in seven days!

Original.

The Angels of Our Better Beasts

Mechanical and Metal Trades

Handbook

Physics of Solar Energy

Motivation in History and the Social

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Sciences

The Biscuit Girls

Krzysztof Penderecki's

Threnody is composed for

Full Orchestra

Discover the current trends
in industrial wood coatings!

The comprehensive standard

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work from Jorge Prieto and Jürgen Kiene focuses on interior and exterior coatings for wood and wood-based materials. It compares classic solvent-borne wood coatings with modern UV-curing systems and water-

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borne coating systems.

Moreover, guide formulations and actual procedures for coatings are shown in detail. Summarized: this book provides a comprehensive overview, with practical solutions and

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support for everyone who deals with industrial wood coatings.

This book represents the first attempt to step inside the holiday experience of young British tourists in San Antonio, Ibiza. Briggs'

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ethnographic study reveals the ugly truth about how and why they get involved in deviance and risk-taking when they go abroad, driven by self validation and a commodified social context.
Exam board: Cambridge

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Education Level: A-level
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support for Paper 5 of the syllabus for examination from 2020. Take mathematical understanding to the next level with this accessible series, written by experienced authors, examiners and teachers. -

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a wealth of questions that promote higher-order thinking. - Prepare for further study or life beyond the classroom by applying mathematics to other subjects and modelling real-world situations. -

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Reinforce learning with opportunities for digital practice via links to the Mathematics in Education and Industry's (MEI) Integral platform in the eTextbooks.*

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process. This book covers the syllabus content for Probability and Statistics 1, including representation of data, permutations and combinations, probability, discrete random variables and the normal distribution.

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Sensing the Environment:

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Regulation of Local and
Global Homeostasis by the
Skin's Neuroendocrine System
Summary

Industrializing in the
Digital Age

Recovering Stolen Time You
Never Knew You Had

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Traditional Buildings

Abstract Algebra

**“Populated with vampires,
werewolves, gryphons,
gods, and cryptozoological
inquiry, these tales are
ultimately about the nature**

**of humanity” (Speculating
Canada). Trust the beasts .
. . The lemmings are really
researching the Arctic
biologists, the werewolves
sing sweet Christian praise
songs, and the signing**

**gorilla just wants someone
back in the cage for a
minute or two. The black
dog who tells you God loves
you may not be believable,
no, and those old lions in
the canyon are up to**

**something, aren't they?
The shaggy aliens just want
to have dinner with the
people who pillaged and
destroyed their world,
honestly, and the vampires
just want to cure you of a**

terrible blood disease. In the forest, the sasquatch has fallen in love with the cryptozoologist who follows him. By the lake, the god of Lake Michigan struggles with the nature of reality

**while acting in his first
buddy cop TV series. While
the god of the Brazos River
only wants to court the
young, pretty Texas college
students. These fifteen
stories of beasts—and the**

**beasts we sometimes
become—ask us how much
influence we have over
each other, to bring out our
beast or best sides . . . and
how much control the
beasts already have over**

us. “Throughout the book, I appreciated Stueart’s dry, often dark, situational humor, and his skillful, sympathetic characterizations.”

—Kristin Janz, *Mysterion*

“Fabulous ideas and even more fabulous characters Stueart manages to craft an interesting and unique take on a number of common, sometimes overdone themes.” —Black

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Gate

**This book about the
Mekong Delta presents a
unique collection of state-
of-the-art contributions by
international experts from
different scientific**

disciplines about the characteristics and pressing water-related challenges of the Mekong Delta in Vietnam. The Mekong Delta belongs to one of the areas, which are

to expect the largest challenges concerning environmental change and climate change induced sea level rise . The Delta acts as the “rice bowl” of Southeast Asia and is home

**to over 17 Million people,
who need to cope with
ecologic as well as socio-
economic changes linked to
the rapid economic
development of the
country. Annual floods,**

severe droughts, salt water intrusion, degrading water quality, tropical cyclones, hydrologic changes due to hydropower projects in the upstream of the Mekong, coastal erosion, and the

loss of biodiversity are some of the problems in the region. Heterogeneous resource management responsibilities, and the fact that the Mekong - and thus also the Delta - is

**influenced by six countries
aggravate the situation.
Integrated water resources
management and fostered
cooperation and
information exchange are
pressing needs for the**

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**sustainable development of
the Delta.**

**“A stunningly beautiful
book as well as an eloquent
appeal and a consciousness
raiser.” — The Horn Book
Tigers, ground iguanas,**

partula snails, and even white-rumped vultures are in danger of disappearing altogether. Using the experiences of a few endangered species as examples, Martin Jenkins

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highlights the ways human behavior can either threaten or conserve the amazing animals that share our planet. Vicky White's stunning portraits of rare creatures offer a glimpse of

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**nature's grace and beauty
— and give us a powerful
reason to preserve it.
«Facade Construction
Manual» provides a
systematic survey of
contemporary expertise in**

the application of new materials and energy-efficient technologies in facade design. It surveys the facade design requirements made by various types of buildings,

as well as the most important materials, from natural stone through to synthetics, and documents a diversity of construction forms for a wide range of building types.

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**Tesseracts Eighteen
Deviance and Risk on
Holiday
The Meat Buyers Guide
Threnody
The New Science of a Lost
Art**

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Wiley IFRS 2015

This book presents recent advances in the development of biomaterials for industrial applications, and discusses the potential for substituting environmentally hazardous substances with

environmentally friendly and degradable components.

Focusing on both the material development and production technologies, it reviews different materials, as well as new production technologies and application

areas. It also highlights the importance of incorporating organic materials into different composites to enable consumption of otherwise waste materials. Further it addresses biopolymers for

the food industry, e.g.
edible films and coatings in
food production and
biodegradable materials; the
automotive industry; bio
fuels, such as biodiesel
based on organic
constituents; and green

composites in marine applications. Environmental protection aspects related to the protection of cultural heritage, and new nanoparticles, such as nano zerovalent iron, are also reviewed. Aimed at young

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research ers, professionals,
chemical engineers and
marine engineers, the book
is the result of the joint
efforts of different
academic and research
institutions participating
in the WIMB Tempus project,

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TEMPUS-JPHES, "Development
of Sustainable
Interrelations between
Education, Research and
Innovation at WBC
Universities in
Nanotechnologies and

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Advanced Materials where
Innovation Means Business",
co-funded by the European
Union Tempus Program.
This unique book brings
together a wealth of data on
the botanical, ethno-
medicinal and

pharmacological aspects of
over 500 species of Asian
medicinal orchids. It starts
off by explaining the role
and limitations of
complimentary and herbal
medicines, and how
traditional Asian medicine

differs from Western,
“scientific” medicine. The
different Asian medical
traditions are described, as
well as their modes of
preparing herbal remedies.
The core of the book
presents individual

medicinal orchid species
arranged by genera. Each
species is identified by its
official botanical name,
synonyms, and local names.
Its distribution, habitat
and flowering season, uses
and pharmacology are

described. An overview sums up the research findings on all species within each genus. Clinical observations are discussed whenever available, and possible therapeutic applications are highlighted. The book closes

with chapters on the
conservation of medicinal
orchids and on the role of
randomized clinical trials.
A mechanical Jesus for your
shrine, the myths of
cuttlefish, a vampire in
residential schools, a

Muslim woman who wants to
get closer, surgically, to
her god, the demons of outer
space, the downside of
Nirvana. The 24 science
fiction and fantasy stories
and poems included in
Wrestling with Gods

(Tesseract Eighteen) take their faith and religion into the future, into the weird and comic and thought-provoking spaces where science fiction and fantasy has really always gone, struggling with higher

powers, gods, the limits of technology, the limits of spiritual experience. At times profound, these speculative offerings give readers a chance to see faith from the believer and the skeptic in worlds where

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what you believe is a matter
of life, death, and
afterlife. Featuring works
by: Derwin Mak, Robert J.
Sawyer, Tony Pi, S. L.
Nickerson, Janet K.
Nicolson, John Park, Mary-
Jean Harris, David Clink,

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Mary Pletsch, Jennifer Rahn,
Alyxandra Harvey, Halli
Lilburn, John Bell, David
Jón Fuller, Carla Richards,
Matthew Hughes, J. M. Frey,
Steve Stanton, Erling Friis-
Baastad, James Bambury,
Savithri Machiraju, Jen

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Laface and Andrew
Czarnietzki, David Fraser,
Suzanne M. McNabb, and Megan
Fennell.

You may not realize you are
at the mercy of Time Bandits
- people who steal your
precious time, not with

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malice or intention, but with crippling effect on your own pursuits. They steal 40-60% of your time. And because your worst Time Bandits are probably your family, colleagues, clients, bosses, and friends, we

can't just say no - we would risk offending them, or worse, losing clients or getting fired. Thus, The Time Bandit Solution is a step-by-step lesson on how to recover stolen time you never knew you had. It is

designed to teach you the
arts and skills for
graciously negotiating with
the Time Bandits to prevent
interruptions from sapping
your productivity and
satisfaction. The Time
Bandit Solution also

explains how the damage they cause lingers well beyond the interruption itself, how the stress of interruptions subtracts joy from your most important endeavors, and how to redeploy the time you recover. Do you often think

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or say, "'I have too much to do, and not enough time to do it'"? If so, this book is for you. If you find yourself frustrated by too many interruptions and feel powerless to prevent them, you want to read this book.

With The Time Bandit

Solution, you will free
yourself from the distress
of unwanted, unnecessary and
unproductive interruptions,
and recapture the time to do
what you must and what you
dream of doing.

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Interpretation and
Application of International
Financial Reporting
Standards

Mechanical Fatigue of Metals
Reward Management

Cambridge International AS &
A Level Mathematics

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Probability & Statistics 1

Dangerous and Dishonest Men:
The International Bankers of
Louis XIV's France

Theory and Applications

*This Special Issue "Atmospheric
Conditions for Wind Energy
Applications" hosts papers on*

Page 114/193

aspects of remote sensing for atmospheric conditions for wind energy applications. Wind lidar technology is presented from a theoretical view on the coherent focused Doppler lidar principles. Furthermore, wind lidar for applied use for wind turbine

control, wind farm wake, and gust characterizations is presented, as well as methods to reduce uncertainty when using lidar in complex terrain. Wind lidar observations are used to validate numerical model results. Wind Doppler lidar mounted on aircraft

used for observing winds in hurricane conditions and Doppler radar on the ground used for very short-term wind forecasting are presented. For the offshore environment, floating lidar data processing is presented as well as an experiment with wind-profiling

lidar on a ferry for model validation. Assessments of wind resources in the coastal zone using wind-profiling lidar and global wind maps using satellite data are presented.

The skin, the body's largest organ, is strategically located at

the interface with the external environment where it detects, integrates and responds to a diverse range of stressors, including solar radiation. It has already been established that the skin is an important peripheral neuroendocrine-immune organ

that is closely networked with central regulatory systems. These capabilities contribute to the maintenance of peripheral homeostasis. Specifically, epidermal and dermal cells produce and respond to classical stress neurotransmitters,

neuropeptides and hormones, production which is stimulated by ultraviolet radiation (UVR), biological factors (infectious and non-infectious) and other physical and chemical agents. Examples of local biologically active products are cytokines, biogenic amines

(catecholamines, histamine, serotonin and N-acetyl-serotonin), melatonin, acetylcholine, neuropeptides including pituitary (proopiomelanocortin-derived ACTH, β -endorphin or MSH peptides, thyroid stimulating hormone) and hypothalamic

(corticotropin-releasing factor and related urocortins, thyroid-releasing hormone) hormones, as well as enkephalins and dynorphins, thyroid hormones, steroids (glucocorticoids, mineralocorticoids, sex hormones, 7- δ steroids),

secosteroids, opioids and endocannabinoids. The production of these molecules is hierarchical, organized along the algorithms of classical neuroendocrine axes such as the hypothalamic pituitary adrenal axis (HPA), hypothalamic-thyroid

*axis (HPT), serotonergic,
melatonergic,
catecholaminergic, cholinergic,
steroid/secosteroidogenic, opioid
and endocannabinoid systems.
Disruptions of these axes or of
communication between them
may lead to skin and/or systemic*

diseases. These local neuroendocrine networks also serve to limit the effect of noxious environmental agents to preserve local and consequently global homeostasis. Moreover, the skin-derived factors/systems can also activate cutaneous nerve endings

to alert the brain to changes in the epidermal or dermal environments, or alternatively to activate other coordinating centers by direct (spinal cord) neurotransmission without brain involvement. Furthermore, rapid and reciprocal communications

between epidermal and dermal and adnexal compartments are also mediated by neurotransmission including antidromic modes of conduction. Lastly, skin cells and the skin as an organ coordinate and/or regulate not only peripheral but

also global homeostasis.

At the start of the eighteenth century Louis XIV needed to remit huge sums of money abroad to support his armies during the War of the Spanish Succession. This book explains how international bankers moved French money

across Europe, and how the foreign exchange system was so overloaded by the demands of war that a massive banking crash resulted.

The globally-sourced guide to the latest IFRS, with practical application advice Wiley IFRS

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2015 is a complete guide to the latest International Financial Reporting Standards set forth by the International Accounting Standards Board. Written by an international team of experts in global accounting standards, this guide provides detailed

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information on the latest changes to the IFRS, with comprehensive coverage of IFRIC interpretations and the tools needed to maintain IFRS-compliance. Readers will find clear, concise explanations delineated by topic for easy navigation, designed for both

quick reference in-depth study, with practical advice for implementing IFRS in real-life scenarios. The goal of the IASB is to achieve global convergence of accounting standards, reducing preparation costs and facilitating the assessment of business

outcomes. The IFRS are a key part of the strategy, simplifying reporting for multinational corporations and the analysts and investors tasked with evaluating results. Wiley IFRS 2015 details the most recent changes to the standards, with expert guidance

toward implementation. Readers will: Grasp the underlying framework of the International Financial Reporting Standards Understand how to interpret the standards and apply them in the real world Follow the Disclosure Checklist to verify completeness

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and IFRS compliance Learn from the experts when implementing IFRS for the first time More and more countries are either adopting IFRS or adapting local standards to align with those set by the IASB. The standards change annually, and failure to

stay up to date can affect business strategy and outcomes, especially when working internationally. Wiley IFRS 2015 provides the latest information and expert guidance, helping practitioners match IFRS to real-world practice.

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Wrestling With Gods

The Complete Manual for Job

Seekers and Career Changers

Optimization Theory, Decision

Making, and Operations Research

Applications

Bioinformatics

Remote Sensing of Atmospheric

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*Conditions for Wind Energy
Applications*

*Industrial Development Report
2020*

***This volume contains the
proceedings of the XIX
International Colloquium on***

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***Mechanical Fatigue of
Metals, held at the Faculty
of Engineering of the
University of Porto,
Portugal, 5-7 September
2018. This International
Colloquium facilitated and***

***encouraged the exchange
of knowledge and
experiences among the
different communities
involved in both basic and
applied research in the
field of the fatigue of***

***metals, looking at the
problem of fatigue
exploring analytical and
numerical simulative
approaches. Fatigue
damage represents one of
the most important types***

of damage to which structural materials are subjected in normal industrial services that can finally result in a sudden and unexpected abrupt fracture. Since metal alloys

are still today the most used materials in designing the majority of components and structures able to carry the highest service loads, the study of the different aspects of metals fatigue

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***attracts permanent
attention of scientists,
engineers and designers.
This book consists of peer-
reviewed proceedings from
the International
Conference on Innovations***

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***in Mechanical Engineering
(ICIME 2020). The contents
cover latest research in all
major areas of mechanical
engineering, and are
broadly divided into five
parts: (i) thermal***

engineering, (ii) design and optimization, (iii) production and industrial engineering, (iv) materials science and metallurgy, and (v) multidisciplinary topics. Different aspects of

***designing, modeling,
manufacturing, optimizing,
and processing are
discussed in the context of
emerging applications.
Given the range of topics
covered, this book can be***

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***useful for students,
researchers as well as
professionals.***

***These proceedings consist
of 30 selected research
papers based on results
presented at the 10th***

***Balkan Conference & 1st
International Symposium
on Operational Research
(BALCOR 2011) held in
Thessaloniki, Greece,
September 22-24, 2011.
BALCOR is an established***

***biennial conference
attended by a large number
of faculty, researchers and
students from the Balkan
countries but also from
other European and
Mediterranean countries as***

well. Over the past decade, the BALCOR conference has facilitated the exchange of scientific and technical information on the subject of Operations Research and related fields such as

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***Mathematical
Programming, Game
Theory, Multiple Criteria
Decision Analysis,
Information Systems, Data
Mining and more, in order
to promote international***

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***scientific cooperation. The
carefully selected and
refereed papers present
important recent
developments and modern
applications and will serve
as excellent reference for***

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***students, researchers and
practitioners in these
disciplines.***

***PHYSICS OF Solar Energy
Science/Physics/Energy The
definitive guide to the
science of solar energy You***

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***hold in your hands the first,
and only, truly
comprehensive guide to the
most abundant and most
promising source of
alternative energy—solar
power. In recent years, all***

major countries in the world have been calling for an energy revolution. The renewable energy industry will drive a vigorous expansion of the global economy and create more

“green” jobs. The use of fossil fuels to power our way of living is moving toward an inevitable end, with sources of coal, petroleum, and natural gas being fiercely depleted.

Solar energy offers a ubiquitous, inexhaustible, clean, and highly efficient way of meeting the energy needs of the twenty-first century. This book is designed to give the reader

***a solid footing in the
general and basic physics
of solar energy, which will
be the basis of research
and development in new
solar engineering
technologies in the years to***

come. As solar technologies like solar cells, solar thermal power generators, solar water heaters, solar photochemistry applications, and solar space heating-cooling

systems become more and more prominent, it has become essential that the next generation of energy experts—both in academia and industry—have a one-stop resource for learning

the basics behind the science, applications, and technologies afforded by solar energy. This book fills that need by laying the groundwork for the projected rapid expansion

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***of future solar projects.
The Aleutians Campaign,
June 1942-August 1943
An Ethnography of British
Tourists in Ibiza
Beef, Lamb, Veal, Pork, and
Poultry***

***THE IMPACT OF THE
DIGITAL WORLD ON
MANAGEMENT AND
MARKETING***

***Recent Trends in
Mechanical Engineering
Can We Save the Tiger?***

This Handbook grapples conceptually and practically with what the sharing economy - which includes entities ranging from large for-profit firms like Airbnb, Uber, Lyft, Taskrabbit, and Upwork to smaller, non-profit collaborative initiatives - means for

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law, and how law, in turn, is shaping critical aspects of the sharing economy. Featuring a diverse set of contributors from many academic disciplines and countries, the book compiles the most important, up-to-date research on the regulation of the

sharing economy. The first part surveys the nature of the sharing economy, explores the central challenge of balancing innovation and regulatory concerns, and examines the institutions confronting these regulatory challenges, and the

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second part turns to a series of specific regulatory domains, including labor and employment law, consumer protection, tax, and civil rights. This groundbreaking work should be read by anyone interested in the dynamic relationship between law and the

sharing economy.

In a career that's spanned thirty-five years and generated fourteen albums, fifty-three singles (two of them UK number ones), four Brit Awards, two Ivor Novellas and inspired literally hundreds of university dissertations,

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quite a few PhD's and the odd specialist subject on Mastermind, Manic Street Preachers have become, in the words of their 2011 singles collection, national treasures. The Welsh trio (who, to many, will always be a quartet) have a uniquely intense

impact on their fans; educating them as much as they entertain and inspire. This book collects fourteen brand new essays, one for each Manics album, from fourteen different writers from diverse backgrounds, tracing the band's impact on fans and culture

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and setting each of their works, from 1992's *Generation Terrorists* to 2018's *Resistance Is Futile* and beyond, into context. The essays are linked by a detailed month-by-month biography by music critic and Manics fan Marc Burrows (*The Guardian*,

The Quietus, Drowned In Sound), who compiled and edited the book, tracing the band's development from glamourpuss upstart intellectuals to the elder statesmen of British indie rock, via an era-defining run of hits, an historic trip to Cuba and one

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vanished genius. Manic Street
Preachers: Album by Album includes
a complete discography and is sourced
from in-depth archival research,
making it one of the most
comprehensive and detailed works
devoted to the band yet compiled.

The emergence and diffusion of advanced digital production (ADP) technologies clustered around the fourth industrial revolution (4IR) is radically altering the nature of manufacturing production, increasingly blurring the boundaries

between physical and digital production systems. The significant requirements of ADP technologies are opening questions on whether industrialization is still a feasible or even a desirable strategy to achieve economic development. This

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publication contributes to this debate by presenting fresh analytical and empirical evidence on the future of industrialization in the context of a technological paradigm shift. According to the report, it is by engaging with industrialization that

countries can build and strengthen the skills and capabilities needed to compete and succeed within the new technological paradigm.

The book aims to give an insight into the multifacetedness of changes the Internet – referred to here as the

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digital world – triggers in both theory and practice of marketing and management. The book has been divided into 5 subject areas, i.e. management, strategy, communications, brand, and consumer, all of which act as the

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main themes of subsequent chapters.
Advances in Applications of Industrial
Biomaterials
Manic Street Preachers
Facts and Trends in Europe
The Time Bandit Solution
Super Job Search IV

Hard-to-Survey Populations

***Ivy, Dulcie, Barbara, Ann,
Dorothy and Jean all had
different reasons for applying
to work at Carr's biscuits, but
once they had put on their
overalls and walked through***

***the factory gates they
discovered a community full of
life, laughter and friendship.
To those who didn't know, the
biscuit factory that towered
over Carlisle might look like
just another slice of the***

industrial North, a noisy and chaotic place with workers trooping in and out at all hours. For the biscuit girls it was a place where they worked hard, but also where they gossiped, got into

scrapes and made lifelong friends. Outside the factory walls there might be difficult husbands or demanding kids, and sometimes even heartbreak and tragedy, but they knew there would always

be an escape from their troubles at Carr's. Some, like Barbara, only applied because she needed the extra cash, until things got a bit easier at home. Her supervisor cross examined her about who

would be looking after the kids while she was at work, but let her have the job. Like many of the women who joined up 'temporary' Barbara went on to stay at Carrs for 32 years. Beginning in the 1940s, these

heartwarming and vividly-remembered stories have all been told by the women themselves to Hunter Davies. Abstract Algebra: Theory and Applications is an open-source textbook that is

designed to teach the principles and theory of abstract algebra to college juniors and seniors in a rigorous manner. Its strengths include a wide range of exercises, both computational

and theoretical, plus many non-trivial applications. The first half of the book presents group theory, through the Sylow theorems, with enough material for a semester-long course. The second half is

***suitable for a second semester
and presents rings, integral
domains, Boolean algebras,
vector spaces, and fields,
concluding with Galois
Theory.***

Lead-Acid Batteries for Future

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Automobiles

***Interdisciplinary Analyses of a
River Delta***

Breath

Album by Album

The Mekong Delta System

Statistical Techniques in

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Business & Economics