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*The Soil Organic
Carbon Mapping
cookbook provides a
step-by-step guidance
for developing 1 km
grids for soil carbon
stocks. It includes the
preparation of local*

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*soil data, the
compilation and pre-
processing of ancillary
spatial data sets,
upscaling
methodologies, and
uncertainty
assessments.*

*Guidance is mainly
specific to soil carbon
data, but also
contains many generic
sections on soil grid
development, as it is*

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relevant for other soil properties. This second edition of the cookbook provides generic methodologies and technical steps to produce SOC maps and has been updated with knowledge and practical experiences gained during the implementation process of GSOCmap

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*V1.0 throughout 2017.
Guidance is mainly
specific to SOC data,
but as this cookbook
contains generic
sections on soil grid
development it can be
applicable to map
various soil
properties.*

*With the
competitiveness of
firms in an open and
integrated world*

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environment increasingly reliant on technological capability, universities are being asked to take on a growing role in stimulating economic growth. Beyond imparting education, they are now viewed as sources of industrially valuable technical skills, innovations,

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and entrepreneurship. Developed and developing countries alike have made it a priority to realize this potential of universities to spur growth, a strategy that calls for coordinated policy actions.

"Aidan, a transgender boy, experiences complicated emotions as he and his parents

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*prepare for the arrival of a new baby"--
This book offers a systematic and comprehensive introduction to the Arctic in the era of globalization, or as it is referred to here, the 'GlobalArctic'. It provides an overview of the current status of the Arctic as a result of global change,*

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while also considering the changes in the Arctic that have a global effect. It positions the Arctic within a broad international context, it addresses four main themes are discussed: economics and resources; environment and earth system dynamics; peoples and cultures;

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*and geopolitics and
governance.*

*Gathering together
expert authors and
building on long-term
research activities, it
serves as a valuable
reference for future
research endeavors.*

*Systems Approach for
Implementation and
Operation*

*Court Interpreters Act
Experimental and*

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Simulation

Perspectives

Ars Electronica 2016

19th International

Symposium, RAID

2016, Paris, France,

September 19-21,

2016, Proceedings

Engineering and

Social Justice

***It is estimated that
literally billions of
residents in urban***

and peri-urban areas of Africa, Asia, and Latin America are served by onsite sanitation systems (e.g. various types of latrines and septic tanks). Until recently, the management of faecal sludge from these onsite

systems has been grossly neglected, partially as a result of them being considered temporary solutions until sewer-based systems could be implemented. However, the perception of onsite or

***decentralized
sanitation
technologies for
urban areas is
gradually
changing, and is
increasingly being
considered as long-
term, sustainable
options in urban
areas, especially in
low- and middle-
income countries***

that lack sewer infrastructures. This is the first book dedicated to faecal sludge management. It compiles the current state of knowledge of the rapidly evolving field of faecal sludge management, and

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***presents an
integrated
approach that
includes
technology,
management, and
planning based on
Sandecs 20 years
of experience in
the field. Faecal
Sludge
Management:
Systems Approach***

***for Implementation
and Operation
addresses the
organization of the
entire faecal
sludge
management
service chain, from
the collection and
transport of
sludge, and the
current state of
knowledge of***

***treatment options,
to the final end use
or disposal of
treated sludge.
The book also
presents important
factors to consider
when evaluating
and upscaling new
treatment
technology
options. The book
is designed for***

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undergraduate and graduate students, and engineers and practitioners in the field who have some basic knowledge of environmental and/or wastewater engineering.

Vital signs, such as heart rate and respiration rate,

are useful to health monitoring because they can provide important physiological insights for medical diagnosis and well-being management. Most traditional methods for measuring vital signs require a

***person to wear
biomedical
devices, such as a
capnometer, a
pulse oximeter, or
an
electrocardiogram
sensor. These
contact-based
technologies are
inconvenient,
cumbersome, and
uncomfortable to***

use. There is a compelling need for technologies that enable contact-free, easily deployable, and long-term monitoring of vital signs for healthcare.

Contactless Vital Signs Monitoring presents a

systematic and in-depth review on the principles, methodologies, and opportunities of using different wavelengths of an electromagnetic spectrum to measure vital signs from the human face and body

contactlessly. The volume brings together pioneering researchers active in the field to report the latest progress made, in an intensive and structured way. It also presents various healthcare applications using

camera and radio frequency-based monitoring, from clinical care to home care, to sport training and automotive, such as patient/neonatal monitoring in intensive care units, general wards, emergency department triage,

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MR/CT cardiac and respiratory gating, sleep centers, baby/elderly care, fitness cardio training, driver monitoring in automotive settings, and more. This book will be an important educational source

***for biomedical
researchers, AI
healthcare
researchers,
computer vision
researchers,
wireless-sensing
researchers,
doctors/clinicians,
physicians/psycho
logists, and
medical equipment
manufacturers.***

Includes various contactless vital signs monitoring techniques, such as optical-based, radar-based, WiFi-based, RFID-based, and acoustic-based methods. Presents a thorough introduction to the measurement

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***principles,
methodologies,
healthcare
applications,
hardware set-ups,
and systems for
contactless
measurement of
vital signs using
camera or RF
sensors. Presents
the opportunities
for the fusion of***

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**camera and RF
sensors for
contactless vital
signs monitoring
and healthcare.
This book
constitutes the
refereed
proceedings of the
19th International
Symposium on
Research in
Attacks,**

***Intrusions, and
Defenses, RAID
2016, held in Evry,
France, in
September 2016.
The 21 full papers
presented were
carefully reviewed
and selected from
85 submissions.
They are organized
around the
following topics:***

***systems security;
low-level attacks
and defenses;
measurement
studies; malware
analysis; network
security;
systematization of
knowledge and
experience
reports; Web and
mobile security.
This book***

***constitutes the
proceedings of the
12th International
Conference on
Information
Security and
Practice and
Experience, ISPEC
2016, held in
Zhangjiajie, China,
in November 2016.
The 25 papers
presented in this***

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***volume were
carefully reviewed
and selected from
75 submissions.
They cover
multiple topics in
information
security, from
technologies to
systems and
applications.
Information
Security Practice***

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***and Experience
The Scientific
Quest to
Understand,
Enhance, and
Empower the Mind
Faecal Sludge
Management
When Aidan
Became a Brother
Farming Essays.
Third series
Washington***

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***Aqueduct Division
Digital
technology now
enables
unparalleled
functionality
and flexibility
in the capture,
processing,
exchange, and
output of color
images. But
harnessing its***

***potential
requires
knowledge of
color science,
systems,
processing
algorithms, and
device characte
ristics-topics
drawn from a
broad range of
disciplines. One
can acquire the***

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requisite

background

with an armload

of physics,

chemistry,

engineering,

computer

science, and

mathematics

books and

journals- or one

can find it here,

in the Digital

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***Color Imaging
Handbook.
Unprecedented
in scope, this
handbook
presents, in a
single concise
and
authoritative
publication, the
elements of
these diverse
areas relevant***

to digital color imaging. The first three chapters cover the basics of color vision, perception, and physics that underpin digital color imaging. The remainder of the text presents the

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***technology of
color imaging
with chapters
on color
management,
device color cha
racterization,
digital
halftoning,
image
compression,
color
quantization,***

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**gamut
mapping,
computationally
efficient
transform
algorithms, and
color image
processing for
digital cameras.
Each chapter is
written by
world-class
experts and**

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***largely self-
contained, but
cross
references
between
chapters reflect
the topics'
important
interrelations.
Supplemental
materials are
available for
download from***

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***the CRC Web
site, including
electronic
versions of
some of the
images
presented in
the book.***

***Volume 64 of
Reviews in
Mineralogy and
Geochemistry
presents***

examples that include the effects of inhaled dust particles in the lung (Huang et al. 2006; Schoonen et al. 2006), biomineralization of bones and teeth (Glimcher et al. 2006), the

***formation of
kidney-stones,
the calcification
of arteries, the
speciation
exposure
pathways and
pathological
effects of heavy
metal
contaminants
(Reeder et al.
2006; Plumlee***

et al. 2006), the transport and fate of prions and pathological viruses in the environment (Schramm et al. 2006), the possible environmental-genetic link in the occurrence

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of neurodegenerative diseases (Perl and Moalem 2006), the design of biocompatible, bioactive ceramics for use as orthopaedic and dental implants and related tissue

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***engineering
applications
(Cerruti and
Sahai 2006) and
the use of oxide-
encapsulated
living cells for
the
development of
biosensors
(Livage and
Coradin 2006).
This volume***

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***contains the
proceedings of
the XIX
International
Colloquium on
Mechanical
Fatigue of
Metals, held at
the Faculty of
Engineering of
the University
of Porto,
Portugal, 5-7***

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***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
attracts
permanent
attention of
scientists,
engineers and
designers.
Consistently***

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***using a
framework of
abstract data
types, this book
describes all
the important
data structures
and the
algorithms that
act upon them.
The book has
two underlying
goals: to***

present the techniques necessary to analyze the performance of data structures and algorithms and to describe the methods used to determine the good and bad features of data

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structures.

**12th
International
Conference,
ISPEC 2016,
Zhangjiajie,
China,
November
16-18, 2016,
Proceedings
Mechanical
Fatigue of
Metals**

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**Digital Color
Imaging
Handbook**

**LHC Physics
Medical
Mineralogy and
Geochemistry**

*An authoritative
survey of current
groundbreaking
research into the*

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*human mind reveals
how top international
laboratories have
innovated unique
technologies for
recording profound
mental capabilities
and enabling
controversial
opportunities in the
field of cognition
enhancement.*

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*Microwave Imaging
Methods and
Applications provides
practitioners and
researchers with a
complete overview of
the latest and most
important
noninvasive and
nondestructive
techniques for
inspecting structures*

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and bodies by using microwaves. Placing emphasis on applications, the book considers many areas, from medical imaging and security... to industrial engineering and subsurface prospection. For each application, readers

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*are presented with the
objectives of the
inspection and related
challenges.*

*Moreover, this
groundbreaking
resource details
computational
methods that can be
used to solve inverse
problems related to
specific applications.*

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Including clear examples or the most significant practical results, this forward-looking reference focuses on systems that have been recently developed. Professionals gain the knowledge needed to compare imaging methods used in

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*different applications
and develop new uses
of imaging
apparatuses and
systems.*

*"Erin Callinan writes
with open-hearted
honesty of her
personal journey
from the shock and
confusion of her first
manic episode back to*

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*inner peace and self-
acceptance."--Page
[4] of cover.*

*Climate changes will
affect food
production in a
number of ways.*

*Crop yields, aquatic
populations and
forest productivity
will decline, invasive
insect and plant*

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species will proliferate and desertification, soil salinization and water stress will increase. Each of these impacts will decrease food and nutrition security, primarily by reducing access to and availability of food,

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and also by

*increasing the risk of
infectious disease.*

*Although increased
biofuel demand has
the potential to
increase incomes
among producers, it
can also negatively
affect food and
nutrition security.*

Land used for

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*cultivating food crops
may be diverted to
biofuel production,
creating food
shortages and raising
prices. Accelerations
in unregulated or
poorly regulated
foreign direct
investment,
deforestation and
unsustainable use of*

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chemical fertilizers

may also result.

*Biofuel production
may reduce women's
control of resources,
which may in turn
reduce the quality of
household diets. Each
of these effects
increases risk of poor
food and nutrition
security, either*

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through decreased physical availability of food, decreased purchasing power, or increased risk of disease. The Impact of Climate Change and Bioenergy on Nutrition articulates the links between current environmental issues

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and food and

nutrition security. It provides a unique collection of nutrition statistics, climate change projections, biofuel scenarios and food security information under one cover which will be of interest to policymakers,

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academia,

*agronomists, food
and nutrition security
planners, programme
implementers, health
workers and all those
concerned about the
current challenges of
climate change,
energy production,
hunger and
malnutrition.*

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*Modern Art, Popular
Culture*

2nd edition

*In the University and
Beyond*

*The Separation of
Uranium Isotopes*

*The Practice of
Watershed Protection*

*Soil Organic Carbon
Mapping Cookbook*

S, M, L, XL

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presents a selection of the remarkable visionary design work produced by the Dutch firm Office for Metropolitan Architecture (O.M.A.) and its acclaimed founder, Rem

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Koolhaas, in its first twenty years, along with a variety of insightful, often poetic writings. The inventive collaboration between Koolhaas and designer Bruce Mau is a graphic

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overture that weaves together architectural projects, photos and sketches, diary excerpts, personal travelogues, fairy tales, and fables, as well as critical essays on

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contemporary
architecture and
society. The
book's title is
also its
framework:
projects and
essays are
arranged
according to
scale. While
Small and

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Medium address issues ranging from the domestic to the public, Large focuses on what Koolhaas calls "the architecture of Bigness." Extra-Large features projects at the

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urban scale,
along with the
important essay
"What Ever
Happened to
Urbanism?" and
other studies of
the
contemporary
city. Running
throughout the
book is a

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"dictionary" of
an adventurous
new Koolhaasian
language --
definitions,
commentaries,
and quotes from
hundreds of
literary, cultural,
artistic, and
architectural
sources.

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Resilience is one of the most important concepts in contemporary sociology. This volume offers a broad overview over the different theories and concepts of this

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category

focusing on the cultural and political aspects of resilience.

"Having been born a freeman, and for more than thirty years enjoyed the blessings of liberty in a free

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State—and
having at the
end of that time
been kidnapped
and sold into
Slavery, where I
remained, until
happily rescued
in the month of
January, 1853,
after a bondage
of twelve

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years—it has
been suggested
that an account
of my life and
fortunes would
not be
uninteresting to
the public." -an
excerpt
Ars Electronica
has been
accompanying

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and analyzing the digital revolution and its manifold implications since 1979. It has consistently focused and focuses on processes and trends at the interface

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between art, technology, and society. This artistic-scientific research becomes visible in the form of a festival that is organized every year in Linz (Austria). Its five-day program

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comprises
conferences,
panel
discussions,
workshops,
exhibitions,
performances,
interventions,
and concerts.
The event is
planned,
organized, and

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produced in
collaboration
with
international
artists and
scientists. Each
festival
addresses a
different volatile
future issue.
This year it is
the "Radical

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Atoms and the Alchemists of the Future." The volume uses images and texts to sketch this year's edition of the Ars Electronica Festival. Ars Electronica Festival, Linz

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8.-12.9.2016

The Secret Life
of Buildings
Transparency,
Governance and
Markets

Quantitative
Methods for
Finance and
Investments

S, M, L, XL

Masters' Essays

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Microwave
Imaging
Methods and
Applications
Readins in high & low
PAAMS, the
International
Conference on
Practical Applications
of Agents and Multi-
Agent Systems is the
international yearly
tribune to present, to

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discuss, and to disseminate the latest developments and the most important outcomes related to real-world applications. It provides a unique opportunity to bring multi-disciplinary experts, academics and practitioners together to exchange their experience in the

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development of
Agents and Multi-
Agent Systems. This
volume presents the
papers that have been
accepted for the 2011
edition. These articles
capture the most
innovative results and
this year's trends:
Finance and Trading,
Information Systems
and Organisations,
Leisure Culture and

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Interactions, Medicine
and Cloud Computing,
Platforms and
Adaptation, Robotics
and Manufacturing,
Security and Privacy,
Transports and
Optimisation paper.
Microwave Imaging
Methods and
ApplicationsArtech
House

You've got 18 seconds
to make the sale. Go!

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Studies have shown that it takes the average person 7 seconds or less to decide to open a direct mail envelope. Then, in just 11 seconds or less, they decide to do it or toss it. This book shows you how to make the most of those 18 seconds with design that sells.

9th International

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Conference on
Practical Applications
of Agents and
Multiagent Systems
Humanitarian
Engineering
Essays on War in
International Law
The Impact of Climate
Change and
Bioenergy on Nutrition
Radical Atoms and the
Alchemists of Our
Time

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The Global Arctic
Handbook
Humanitarian
Engineering reviews
the development of
engineering as a
distinct profession
and of the
humanitarian
movement as a
special socio-political
practice. Having
noted that the two

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developments were situated in the same geographical and historical space -- that is, in Europe and North America beginning in the 1700s -- the book argues for a mutual influence and synthesis that has previously been lacking. In this spirit,

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the first of two
central chapters
describes
humanitarian
engineering as the
artful drawing on
science to direct the
resources of nature
with active
compassion to meet
the basic needs of all
-- especially the
powerless, poor, or

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otherwise
marginalized. A
second central
chapter then
considers strategies
for education in
humanitarian
engineering so
conceived. Two final
chapters consider
challenges and
implications. Table
of Contents:

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Engineering /

Humanitarianism /

Humanitarian

Engineering /

Humanitarian

Engineering

Education /

Challenges /

Conclusion:

Humanizing

Technology

This book is aimed at

engineering

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academics

worldwide, who are attempting to bring social justice into their work and practice, or who would like to but don't know where to start. This is the first book dedicated specifically to University professionals on

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Engineering and Social Justice, an emerging and exciting area of research and practice. An international team of multidisciplinary authors share their insights and invite and inspire us to reformulate the way we work. Each

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chapter is based on research and yet presents the outcomes of scholarly studies in a user oriented style. We look at all three areas of an engineering academic's professional role: research, teaching and community

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engagement. Some of our team have created classes which help students think through their role as engineering practitioners in society. Others are focusing their research on outcomes that are socially just and for client groups who

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are marginalized and powerless. Yet others are consciously engaging local community groups and exploring ways in which the University might 'serve' communities at home and globally from a post-development perspective. We are

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additionally
concerned with the
student cohort and
who has access to
engineering studies.
We take a broad
social and ecological
justice perspective to
critique existing and
explore alternative
practices. This book
is a handbook for
any engineering

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academic, who wishes to develop engineering graduates as well as technologies and practices that are non-oppressive, equitable and engaged. It is also an essential reader for anyone studying in this interdisciplinary juncture of social

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science and
engineering.

Scholars using a
critical theoretical
lens on engineering
practice and
education, from
Science and
Technology Studies,
History and
Philosophy of
Engineering,
Engineering and

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Science Education
will find this text
invaluable.

Quantitative
Methods for Finance
and Investments
ensures that readers
come away from
reading it with a
reasonable degree of
comfort and
proficiency in
applying elementary

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mathematics to several types of financial analysis. All of the methodology in this book is geared toward the development, implementation, and analysis of financial models to solve financial problems. "The authors comprehensively and

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accurately describe, in detail, the history, concepts and technical aspects of the Ocean Thermal Energy Conversion (OTEC) Program...a splendid reference Volume which future OTEC entrepreneurs will find most worthwhile."

--Ocean Engineering
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Research in Attacks,
Intrusions, and
Defenses

Contactless Vital
Signs Monitoring
Beautifully Bipolar
The Future of the
Mind

Data Structures,
Algorithms, and
Performance

Twelve Years a Slave

The essays contained

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in this volume deal both with the law concerning resort to force (jus ad bellum) and the law which regulates the conduct of hostilities once the decision to resort to force has been taken (jus in bello). The collection looks at Iraqi invasion of Kuwait in 1990 and

shift towards the interpretation of decisions of the Security Council rather than the reliance on the law of self-defence in assessing the legality or illegality of a state's resort to force. Also addressed are questions of whether

international law permits the pre-emptive use of force and humanitarian intervention. The collection also contributes to the debates surrounding the law on the conduct of hostilities (the laws of war, properly so called), including intense

debate over whether nuclear weapons could ever lawfully be employed, whether there is a role for belligerent reprisals in modern international law, the system for the prosecution of war crimes and the duties of the belligerent occupant.

**Not since the 1920s
has American
architecture
undergone such
fundamental changes
as those which are
revitalizing the
profession today. But
in this period of
great artistic
fertility and unrest,
there has yet to
emerge a critical**

**theory capable of
analyzing the
conditions
and examining the
attitudes by which
our architecture is
being
redefined. Gavin
Macrae-Gibson is
the first of a
generation of
architects educated
in the 1970s to**

**construct a method
of criticism powerful
enough to interpret
this new
architecture. The
theory is built upon a
close reading of seven
works, all completed
in the 1980s: Frank
Gehry's Gehry
House in Santa
Monica, Peter
Eisenman's House El**

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**Even Odd, Cesar
Pelli's Four Leaf
Towers in Houston,
Michael Graves'
Portland
PublicService
building, Robert
Stern's Bozzi
residence in East
Hampton, Allan
Greenberg's
ManchesterSuperior
Courthouse in**

**Connecticut, and
Venturi, Rauch and
Scott Brown's
Gordon Wu Hall
at Princeton. The
author uses urban
plans, and
architectural
drawings and
photographs to
reveal the layers of
meaning present in
each building,**

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**including the deepest
layer-its secret life.**

**At this level the
buildings have in
common the fact that
their meaning is
derived from the
realities of
an imperfect present
and no longer from
the anticipation of a
utopian future. Gavin
Macrae-Gibson is**

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**apRACTICING architect.
He has been Visiting
Lecturer in
Architectural Theory
at Yale University
since 1982, and has
taught and lectured
widely throughout
the United States and
Canada. A
Graham Foundation
Book. The Graham
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Architecture Series

**Two decades ago, the
Graham Foundation
for Advanced Study
in the Fine Arts
published Robert
Venturi's epoch-
making Complexity
and Contradiction in
Architecture in
association with the
Museum of Modern
Art. Now the**

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**foundation is
renewing
its commitment to
architectural
literature by
announcing the first
two titles of a new
series it is launching
with The MIT
Press. The aim is to
publish books that
are of crucial
importance to**

**the theory and
practice of
architecture, and
that will enhance the
understanding of
architecture as
a humanist discipline.
The series will
feature original texts
by contemporary
architects,
historians, theorists,
and critics.**

In an epoch when particle physics is awaiting a major step forward, the Large Hydron Collider (LHC) at CERN, Geneva will soon be operational. It will collide a beam of high energy protons with another similar beam circulation in the

**same 27 km tunnel
but in the opposite
direction, resulting
in the production of
many elementary
particles some never
created in the
laboratory before. It
is widely expected
that the LHC will
discover the Higgs
boson, the particle
which supposedly**

lends masses to all other fundamental particles. In addition, the question as to whether there is some new law of physics at such high energy is likely to be answered through this experiment. The present volume contains a collection of articles written by

international experts, both theoreticians and experimentalists, from India and abroad, which aims to acquaint a non-specialist with some basic issues related to the LHC. At the same time, it is expected to be a useful, rudimentary

**companion of
introductory
exposition and
technical expertise
alike, and it is hoped
to become unique in
its kind. The fact
that there is
substantial Indian
involvement in the
entire LHC
endeavour, at all
levels including**

fabrication, physics analysis procedures as well as theoretical studies, is also amply brought out in the collection.

Theoretical and empirical research of these last decades is working on the positive and normative side in order to deepen its

**understanding of
financial market
dynamics and to
tackle new and old
challenges with the
ambitious goal of
limiting fragilities
and inefficiencies.**

**Contributions
collected in this book
represent a valuable
and remarkable
endeavour in this**

direction covering different topics. A first one is related to the aggregate relationship between development of financial markets and economic growth. A second topic covered is credit risk. A third important topic is related to the

**measure of risk in
equity and bond
markets. Finally, a
fourth field covered
is the one
investigating
behavior and
efficiency of banking
intermediaries.
Overall,
contributions
collected in the book
provide updated**

**evidence and cover
new theoretical
issues arising in the
field. Providing some
new solutions but
also highlighting new
and emerging
problems and
creating new
questions for further
theoretical and
empirical research
*Highlights new and**

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emerging problems
***Provides up-to-date**
edvidence and
solutions *Serves as
an invaluable
reference for all
those interested in
financial market
dynamics

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Physics at the Large
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Exploring the
phenomenology
of the Large
Hadron
Collider (LHC)

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at CERN, LHC

Physics

*focuses on the
first years of
data collected
at the LHC as
well as the
experimental
and
theoretical
tools
involved. It*

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*discusses a
broad spectrum
of
experimental
and
theoretical
activity in
particle
physics, from
the searches
for the Higgs
boson and*

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*physics beyond
the Standard
Model to
studies of
quantum chromo
dynamics, the
B-physics
sector, and
the properties
of dense
hadronic
matter in*

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heavy-ion

collisions.

*Covering the
topics in a
pedagogical
manner, the
book*

*introduces the
theoretical
and phenomenol
ogical
framework of*

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hadron

*collisions and
presents the
current
theoretical
models of
frontier
physics. It
offers
overviews of
the main
detector*

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*components,
the initial
calibration
procedures,
and search
strategies.
The authors
also provide
explicit
examples of
physics
analyses drawn*

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*from the
recently shut
down Tevatron.
In the coming
years, or
perhaps even
sooner, the
LHC
experiments
may reveal the
Higgs boson
and offer*

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*insight beyond
the Standard
Model. Written
by some of the
most prominent
and active
researchers in
particle
physics, this
volume equips
new physicists
with the*

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*theory and
tools needed
to understand
the various
LHC
experiments
and prepares
them to make
future
contributions
to the field.
Decretales cum*

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An Inspiring

Look Into

Mental Illness

Renewable

Energy from

the Ocean

Advances on

Practical

Applications

of Agents and

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***Multiagent
Systems
Resilience in
Social,
Cultural and
Political
Spheres
How
Universities
Promote
Economic
Growth***