

Read Book 2019
Medical
Technologies
Congress

***2019 Medical
Technologies
Congress
Tiptekno***

**This book constitutes
the refereed
proceedings of the
First International
Conference on Applied
Intelligence and
Informatics, AII 2021,**

Page 1/161

Read Book 2019 Medical

Technologies
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TiptelCO

**held in Nottingham,
UK, in July 2021. Due
to the COVID-19
pandemic the
conference was held in
a fully virtual mode.
The 26 full papers and
4 short papers
presented were
thoroughly reviewed
and selected from the
total 107 submissions.
They are organized in
the following topical**

sections: application of AI and informatics in disease detection; application of AI and informatics in healthcare; application of AI and informatics in pattern recognition; application of AI and informatics in network, security, and analytics; emerging applications of AI and informatics.

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**This book comprises
the best deliberations
with the theme**

**“Machine Learning
Technologies and
Applications” in the
“International
Conference on
Advances in Computer
Engineering and
Communication
Systems (ICACECS
2020),” organized by
the Department of**

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Technologies
**Computer Science and
Engineering, VNR**

Vignana Jyothi

Institute of

Engineering and

Technology. The book

provides insights into

the recent trends and

developments in the

field of computer

science with a special

focus on the machine

learning and big data.

The book focuses on

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advanced topics in
artificial intelligence,
machine learning, data
mining and big data
computing, cloud
computing, Internet of
things, distributed
computing and smart
systems.

This two volume set
(CCIS 1257 and 1258)
constitutes the
refereed proceedings
of the 6th

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**International
Congress
Conference of**

**Pioneering Computer
Scientists, Engineers
and Educators,
ICPCSEE 2020 held in
Taiyuan, China, in
September 2020. The
98 papers presented in
these two volumes
were carefully
reviewed and selected
from 392 submissions.**

The papers are

Page 7/161

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**Technologies
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organized in topical sections: database, machine learning, network, graphic images, system, natural language processing, security, algorithm, application, and education. The chapter “Highly Parallel SPARQL Engine for RDF” is available open access under a Creative

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**Commons Attribution
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License via**

link.springer.com.

This book focuses on the applications of different digital platforms in the field of healthcare. It describes different devices used in digital healthcare, their benefits, diagnosis, use in treatment, and use

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cases related to mobile healthcare. Further, it covers machine and deep learning, blockchain technology, big data analytics as relevant to digital healthcare, telehealth technology, and digital applications in the field of push-and-pull pharma marketing. Overall, it enables readers to understand

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**Technologies
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Tipton**
the basics of decision-
making processes
using digital
techniques for the
healthcare field.

**Features: Discusses
various aspects of
digitization of
healthcare systems
Examines deployment
of machine learning
including IoT and
medical analytics
Provides studies on the**

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design,

implementation,

development, and

management of

intelligent healthcare

systems Includes

sensor-based

digitization of

healthcare data

Reviews real-time

advancement and

challenges of digital

communication in the

field of healthcare This

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Technologies
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Tiptek.com
book is aimed at

researchers and

graduate students in

healthcare, internet of

things, machine

learning, computer

science, robotics,

wearables, electrical

engineering, and

biomedical

engineering.

This is the proceedings

of the International

Conference On

Read Book 2019
Medical

Technologies
Congress
Tutorials

**Computational Vision
and Bio Inspired
Computing (ICCVBIC
2017) held at RVS
Technical Campus,
September 21-22,
2017. It includes
papers on state of the
art innovations in bio-
inspired computing
applications, where
new algorithms and
results are produced
and described.**

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**Additionally, this
volume addresses
evolutionary
computation**

**paradigms, artificial
neural networks and
biocomputing. It
focuses mainly on
research based on
visual interference on
the basis of biological
images. Computation
of data sources also
plays a major role in**

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routine day-to-day life for the purposes such as video transmission, wireless applications, fingerprint recognition and processing, big data intelligence, automation, human centric recognition systems. With the advantage of processing bio-inspired computations, a variety of

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Technologies

computational

Congress

paradigms can be

processed. Finally, this

book also treats the

formation of neural

networks by enabling

local connectivity

within it with the aid

of vision sensing

elements. The work

also provides potential

directions for future

research.

The two volume set

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Medical

Technologies
Congress
Tiptekno
**CCIS 1030 and 1031
constitutes the**

refereed proceedings

of the Second

International

Conference on

Computational

Intelligence,

Communications, and

Business Analytics,

CICBA 2018, held in

Kalyani, India, in July

2018. The 76 revised

full papers presented

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Technologies
Congress
Tiptekno
**in the two volumes
were carefully**

**reviewed and selected
from 240 submissions.**

**The papers are
organized in topical
sections on
computational
intelligence; signal
processing and
communications;
microelectronics,
sensors, and intelligent
networks; data science**

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& advanced data analytics; intelligent data mining & data warehousing; and computational forensics (privacy and security).

Sustainability in the Textile and Apparel Industries
Computational Intelligence,
Communications, and
Business Analytics

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Technologies

Brain Informatics
Congress

14th International
Conference, BI 2021,

Virtual Event,

September 17–19,

2021, Proceedings

Sensors

The Internet of

Everything

Multiple Criteria

Decision Making

Remote Healthcare

Systems and

Applications

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Sustainable Textiles,
Clothing Design and
Repurposing
State of the Art in
Neural Networks and
Their Applications
Volume 1
Advances, Challenges
and Applications
2019 Medical
Technologies Congress
(TIPTEKNO)
Proceedings of the
International

Read Book 2019
Medical

Technologies

Conference on

Congress
Artificial Intelligence

and Applied

Mathematics in

Engineering

(ICAIAME 2019)

This book is
part of a five-
volume set that
explores
sustainability
in textile
industry
practices

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globally. Case studies are provided that cover the theoretical and practical implications of sustainable textile issues, including environmental footprints of textile manufacturing,

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consumer
behavior, eco-

design in

clothing and

apparels, supply

chain

sustainability,

the chemistry of

textile

manufacturing,

waste management

and textile

economics. The

set will be of

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interest to
researchers,
engineers,
industrialists,
R&D managers and
students working
in textile
chemistry,
economics,
materials
science, and
sustainable
consumption and
production. This

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volume discusses
novel trends and
concepts in
sustainable
textile design,
including
innovative
topics such as
doodling and
upcycling in
clothing and
apparel design
for sustainable
fashion

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initiatives.

Along with
strategies for
repurposing
fashion
sustainability,
the book also
covers
university
interventions
for the
development of
proper and
environmentally

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friendly design
practices.

Specific
technologies
addressed
include UV
applications,
laser treatments
for dyeing,
refined surface
design
techniques for
products such as
leather.

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This book
presents a broad
range of deep-
learning
applications
related to
vision, natural
language
processing, gene
expression,
arbitrary object
recognition,
driverless cars,
semantic image

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Technologies,
segmentation,

Congress
deep visual

Tiptekno
residual

abstraction,

brain-computer

interfaces, big

data processing,

hierarchical

deep learning

networks as game-

playing

artefacts using

regret matching,

and building GPU-

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Technologies

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Tiptakno

accelerated deep learning frameworks. Deep learning, an advanced level of machine learning technique that combines class of learning algorithms with the use of many layers of nonlinear units,

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has gained considerable attention in recent times. Unlike other books on the market, this volume addresses the challenges of deep learning implementation, computation time, and the complexity of

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reasoning and modeling different type of data. As such, it is a valuable and comprehensive resource for engineers, researchers, graduate students and Ph.D. scholars. Medical robots

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Medical

Technologies

Congress

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are increasingly being used in the healthcare profession, particularly for surgical operations. Compared to traditional surgery techniques, robotic surgery results in smaller

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incisions,
greater
accuracy, and
shortened
recovery time.
Medical robots
can also be used
to transport
blood from one
place to
another, prepare
substances in a
hazardous
environment,

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diagnose
illnesses, care
for patients,
and more. As
such, it is
likely that
robots will
replace certain
medical
personnel in the
future, leading
to social
consequences
that are not yet

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fully

understood. This
book presents
the latest
developments in
medical robotics
and innovative
designs of the
future. It also
examines current
medical robotic
systems and
applications.

In the era

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before IoT, the world wide web, internet, web 2.0 and social media made people's lives comfortable by providing web services and enabling access personal data irrespective of their location. Further, to save

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time and improve
efficiency,

there is a need
for machine to
machine

communication,
automation,
smart computing
and ubiquitous
access to

personal
devices. This
need gave birth
to the

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Technologies

phenomenon of

Congress
Internet of

Tiptekno
Things (IoT) and

further to the

concept of

Internet of

Everything

(IoE). This book

aims to present

different

aspects of IoE,

challenges faced

by IoE and its

applications,

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divided into 8 chapters. This multifaceted coverage of the various verticals and IoT layers is the main attraction of this book.

This open access book was prepared as a
Final

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Technologies
Congress
Tiptono
Publication of
the COST Action
IC1303

“Algorithms,
Architectures
and Platforms
for Enhanced
Living
Environments
(AAPELE)”. The
concept of
Enhanced Living
Environments
(ELE) refers to

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Technologies

the area of
Ambient Assisted

Living (AAL)

that is more
related with

Information and
Communication

Technologies

(ICT). Effective

ELE solutions

require

appropriate ICT

algorithms,

architectures,

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Technologies
Congress
Tiptekno

platforms, and
systems, having
in view the
advance of
science and
technology in
this area and
the development
of new and
innovative
solutions that
can provide
improvements in
the quality of

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Technologies

Congress

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life for people
in their homes
and can reduce
the financial
burden on the
budgets of the
healthcare
providers. The
aim of this book
is to become a
state-of-the-art
reference,
discussing
progress made,

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Technologies

as well as
prompting future

directions on

theories,

practices,

standards, and

strategies

related to the

ELE area. The

book contains 12

chapters and can

serve as a

valuable

reference for

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Technologies

undergraduate
students, post-
graduate
students,
educators,
faculty members,
researchers,
engineers,
medical doctors,
healthcare
organizations,
insurance
companies, and
research

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strategists
Congress
Tiptekno
working in this
area.

This book covers
the further
advances in the
field of the
Internet of
things,
biomedical
engineering and
cyber physical
system with
recent

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applications. It is covering the various real-time, offline applications, and case studies in the field of recent technologies and case studies of the Internet of things, biomedical engineering and

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Technologies
Congress
Tiptelno
cyber physical
system with
recent

technology
trends. In the
twenty-first
century, the
automation and
management of
data are vital,
in that, the
role of the
Internet of
things proving

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Technologies
Congress
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the potential
support. The
book is

consisting the
excellent work
of researchers
and academician
who are working
in the domain of
emerging
technologies,
e.g., Internet
of things,
biomedical

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Technologies

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engineering and
cyber physical
system. The
chapters cover
the major
achievements by
solving and
suggesting many
unsolved
problems, which
am sure to be
going to prove a
strong support
in industries

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towards

automation goal

using of the

Internet of

things,

biomedical

engineering and

cyber physical

system.

[Secure Edge](#)

[Computing](#)

[Innovative](#)

[Systems for](#)

[Intelligent](#)

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Technologies
Health

Congress
InformatiCS

Contactless

Human Activity

Analysis

Information and

Communication

Technology for

Sustainable

Development

Computational

Vision and Bio

Inspired

Computing

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Technologies

Functionalities
and Applications

Proceedings of
the AHFE 2019

International
Conference on

Safety

Management and
Human Factors,

July 24-28,

2019, Washington

D.C., USA

Latest

Developments in

Read Book 2019

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Technologies

Medical Robotics

Systems

Missing Data

Artificial

Intelligence and

Applied

Mathematics in

Engineering

Problems

Proceedings of

the 21st EANN

(Engineering

Applications of

Neural Networks)

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Technologies
2020 Conference
Congress
Information and

Communication

Technologies of
Ecuador (TIC.EC)

Science and
Technologies for
Smart Cities

Second
International

Conference,

CICBA 2018,

Kalyani, India,

July 27-28,

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Technologies
[2018, Revised](#)
[Congress](#)
[Selected Papers,](#)
[Part I](#)

**This book
gathers the
proceedings of
the 21st
Engineering
Applications of
Neural Networks
Conference,
which is
supported by**

Read Book 2019
Medical
Technologies
the
Congress
Tintekno
International
Neural Networks
Society (INNS).
Artificial
Intelligence
(AI) has been
following a
unique course,
characterized
by alternating
growth spurts
and "AI

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Technologies

winters.”

Congress

Today, AI is an

Tintekno

essential

component of

the fourth

industrial

revolution and

enjoying its

heyday.

Further, in

specific areas,

AI is catching

up with or even

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Technologies

outperforming
Congress
human beings.

Tintekno
This book

offers a
comprehensive
guide to AI in
a variety of
areas,
concentrating
on new or
hybrid AI
algorithmic
approaches with

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Technologies

robust

Congress

applications in

Tiptekno

diverse

sectors. One of

the advantages

of this book is

that it

includes robust

algorithmic

approaches and

applications in

a broad

spectrum of

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Technologies

Congress

Tintekno

scientific
fields, namely
the use of
convolutional
neural networks
(CNNs), deep
learning and
LSTM in robotic
s/machine visio
n/engineering/i
mage processing
/medical
systems/the

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Technologies
environment;
Congress
machine

Tintekno
learning and
meta learning
applied to
neurobiological
modeling/optimi-
zation; state-
of-the-art
hybrid systems;
and the
algorithmic
foundations of

Read Book 2019 Medical

Technologies

artificial

Congress

neural

Tintekno

networks.

Optics and

photonics are

among the key

technologies of

the 21st

century, and

offer potential

for novel

applications in

areas such as

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sensing and spectroscopy, analytics, monitoring, biomedical imaging/diagnostics, and optical communication technology. The high degree of control over light fields, together with

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Technologies
the
Congress
Tintekno
capabilities of
modern
processing and
integration
technology,
enables new
optical
measurement
systems with
enhanced
functionality
and

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Medical
Technologies

sensitivity.

Congress
Tiptekno
They are

attractive for
a range of
applications
that were
previously
inaccessible.

This Special
Issue aims to
provide an
overview of
some of the

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Technologies

most advanced

Congress
Tintekno
application

areas in optics

and photonics

and indicate

the broad

potential for

the future.

This book

features

research

presented at

the 1st

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Technologies

Congress
International
Conference on

Tiptekno
Artificial

Intelligence

and Applied

Mathematics in

Engineering,

held on 20-22

April 2019 at

Antalya,

Manavgat

(Turkey) . In

today' s world,

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Technologies

various

Congress
engineering

Tintekno
areas are

essential

components of

technological

innovations and

effective real-

world solutions

for a better

future. In this

context, the

book focuses on

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Technologies

Congress

Tiptekno

problems in
engineering and
discusses

research using
artificial
intelligence
and applied
mathematics.

Intended for
scientists,
experts, M.Sc.
and Ph.D.
students,

Read Book 2019 Medical

Technologies

postdocs and
anyone

Congress

Tintekno

interested in
the subjects
covered, the
book can also
be used as a
reference

resource for
courses related
to artificial
intelligence
and applied

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Technologies
mathematics.

Congress
Tintekno
TIPTEKNO annual
conferences

bring together
the users,
manufacturers,
researchers,
managers and
public
representatives
working in the
field of
medical

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Medical

Technologies

technologies It

Congress
Tintekno
also aims to

share the

results of

recent

scientific

research on the

fields of

biomedical

engineering and

clinical

engineering,

and propose

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Technologies

common

Congress

Tintekno
solutions to
the problems on

the medical
sectors

State of the
Art in Neural
Networks and
Their

Applications
presents the
latest advances
in artificial

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Technologies

neural networks

Congress
and their

Tintekno
applications

across a wide

range of

clinical

diagnoses.

Advances in the

role of machine

learning,

artificial

intelligence,

deep learning,

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Technologies

Congress

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cognitive image
processing and
suitable data
analytics
useful for
clinical
diagnosis and
research
applications
are covered,
including
relevant case
studies. The

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Medical
Technologies
Congress
Tiptekno

application of
Neural Network,
Artificial
Intelligence,
and Machine
Learning
methods in
biomedical
image analysis
have resulted
in the
development of
computer-aided

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Medical

Technologies

diagnostic

Congress

(CAD) systems

Tintekno

that aim

towards the

automatic early

detection of

several severe

diseases. State

of the Art in

Neural Networks

and Their

Applications is

presented in

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Medical
Technologies

two volumes.

Congress
Tintekno

Volume 1 covers
the state-of-
the-art deep
learning
approaches for
the detection
of renal,
retinal,
breast, skin,
and dental
abnormalities
and more.

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Technologies

Includes

Congress
Tintekno
applications of
neural

networks, AI,
machine

learning, and
deep learning
techniques to a
variety of
imaging

technologies

Provides in-

depth technical

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Technologies

Congress

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coverage of
computer-aided
diagnosis
(CAD), with
coverage of
computer-aided
classification,
Unified Deep
Learning
Frameworks,
mammography,
fundus imaging,
optical

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Medical

Technologies

coherence

Congress

tomography,

Tintekno

cryo-electron

tomography, 3D

MRI, CT, and

more. Covers

deep learning

for several

medical

conditions

including

renal, retinal,

breast, skin,

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Medical

Technologies

and dental
abnormalities,

Congress
Tintekno
Medical Image

Analysis, as

well as

detection,

segmentation,

and

classification

via AI.

This book

constitutes the

refereed

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Medical
Technologies
Congress
Tintekno

contest reports
of the 20th
International
Conference on
Pattern
Recognition,
ICPR 2010, held
in Istanbul,
Turkey, in
August 2010.
The 31 revised
full papers
presented were

Read Book 2019 Medical

Technologies

carefully

Congress

reviewed and

Tintekno

selected. The

papers are

organized in

topical

sections on

BiHTR - Bi-

modal

handwritten

Text

Recognition,

CAMCOM 2010 -

Read Book 2019

Medical

Technologies

Congress

Tintekno

Verification of

Video Source

Camera

Competition,

CDC -

Classifier

Domains of

Competence,

GEPR - Graph

Embedding for

Pattern

Recognition,

ImageCLEF@ICPR

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Technologies

- Information

Congress

Fusion Task,

Tintekno

ImageCLEF@ICPR

- Visual

Concept

Detection Task,

ImageCLEF@ICPR

- Robot Vision

Task, MOBIO -

Mobile Biometry

Face and

Speaker

Verification

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Technologies
Evaluation, PR
Congress –
in HIMA –
Tintekno
Pattern

Recognition in
Histopathologic
al Images, SDHA
2010 – Semantic
Description of
Human
Activities.

[Handbook of
Deep Learning
Applications](#)

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Technologies

6th EAI

Congress

International

Tintekno

Conference,

SmartCity360°

Virtual Event,

December 2-4,

2020,

Proceedings

Conference

Proceedings of

ICDLAIR2019

Proceedings of

the 9th

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Medical
Technologies
Computer
Congress
Science On-line
Tintekno
Conference
2020, Volume 1
Proceedings of
ICACECS 2020
Stem Cells in
Tissue
Regeneration
Internet of
Medical Things
Data Science,
Health

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Technologies
Informatics,
Congress
Tiptekno
Intelligent
Systems, Smart
Computing
Algorithms,
Architectures,
Platforms, and
Systems
Handbook Of
Machine
Learning -
Volume 2:
Optimization

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Technologies
Congress
Tintekno

And Decision
Making
Beyond the
Information Age
Proceedings of
the 1st
International
Conference on
Electronics,
Biomedical
Engineering,
and Health
Informatics

Read Book 2019
Medical

Technologies

Machine

Learning

Technologies

and

Applications

Proceedings of

ICT4SD 2018

***This book
gathers the
refereed
proceedings of
the Intelligent***

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Congress
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***Algorithms in
Software
Engineering
Section of the
9th Computer
Science On-
line
Conference
2020 (CSOC
2020), held on-
line in April
2020.***

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Technologies

***Software
engineering
research and
its
applications to
intelligent
algorithms
have now
assumed an
essential role
in computer
science***

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Technologies

research. In

Congress
this book,

Tiptekno
modern

research

methods,

together with

applications of

machine and

statistical

learning in

software

engineering

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Technologies
**research, are
presented.**

**This book
looks at the
growing
segment of
Internet of
Things
technology
(IoT) known as
Internet of
Medical Things**

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Technologies

(IoMT), an

Congress

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automated system that aids in

bridging the

gap between

isolated and

rural

communities

and the

critical

healthcare

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Technologies
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***services that
are available
in more
populated and
urban areas.
Many
technological
aspects of
IoMT are still
being
researched
and***

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Technologies

***developed,
with the***

***objective of
minimizing the
cost and***

***improving the
performance
of the overall
healthcare
system. This***

***book focuses
on innovative***

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Tiptekno
**IoMT methods
and solutions
being**

**developed for
use in the
application of
healthcare
services,
including post-
surgery care,
virtual home
assistance,**

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Tiptekno
**smart real-
time patient
monitoring,**

**implantable
sensors and**

**cameras, and
diagnosis and
treatment**

**planning. It
also examines
critical issues
around the**

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Tiptekno
**technology,
such as
security**

**vulnerabilities,
IoMT machine
learning
approaches,
and medical
data
compression
for lossless
data**

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***transmission
and archiving.***

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***Internet of
Medical Things
is a valuable
reference for
researchers,
students, and
postgraduates
working in
biomedical,
electronics,***

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Technologies
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Tiptekno
**and communications
engineering,
as well as
practicing
healthcare
professionals.
The internet is
making our
daily life as
digital as
possible and**

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Tiptekno

***this new era is
called the
Internet of
Everything
(IoE). Edge
computing is
an emerging
data analytics
concept that
addresses the
challenges
associated***

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Technologies

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Tiptekno

***with IoE. More
specifically,
edge***

***computing
facilitates
data analysis
at the edge of
the network
instead of
interacting
with cloud-
based servers.***

***Therefore,
more and
more devices
need to be
added in
remote
locations
without any
substantial
monitoring
strategy. This
increased***

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Technologies

connectivity

and the

devices used

for edge

computing will

create more

room for cyber

criminals to

exploit the

system's

vulnerabilities.

Ensuring cyber

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Technologies
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Tiptekno

***security at the
edge should
not be an
afterthought
or a huge
challenge. The
devices used
for edge
computing are
not designed
with
traditional IT***

**diverse-use
cases in the
context of
edge**

**computing and
Internet of
Things (IoT) in
remote
locations.**

***However, the
cyber security
configuration
and software
updates are
often
overlooked
when they are
most needed
to fight cyber
crime and
ensure data***

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Technologies

privacy.

**Therefore, the
threat**

**landscape in
the context of
edge**

**computing
becomes wider
and far more
challenging.**

**There is a
clear need for**

Read Book 2019
Medical

Technologies
Congress
Tiptekno

***collaborative
work
throughout
the entire
value chain of
the network.
In this
context, this
book
addresses the
cyber security
challenges***

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Medical

Technologies

Congress
Tiptekno

***associated
with edge
computing,
which***

***provides a
bigger picture
of the
concepts,
techniques,
applications,
and open
research***

Read Book 2019
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Technologies

***directions in
this area. In
addition, the
book serves as
a single
source of
reference for
acquiring the
knowledge on
the
technology,
process and***

Read Book 2019
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Technologies

people

involved in

next

generation

computing and

security. It will

be a valuable

aid for

researchers,

higher level

students and

professionals

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Technologies

***working in the
area.***

Congress

Tintekno

***This book
gathers the
best papers
presented at
the Fourth
Italian
National
Conference on
Sensors, held
in Catania,***

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Medical

Technologies

***Italy, from 21
to 23 February
2018. The***

book

***represents an
invaluable and
up-to-the-
minute tool,
providing an
essential
overview of
recent***

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Technologies

***findings,
strategies and
new directions***

***in the area of
sensor***

research.

***Further, it
addresses***

various

***aspects based
on the***

development

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Technologies

of new

Congress

chemical,

Tiptekno

physical or

biological

sensors,

assembling

and characteri

zation, signal

treatment and

data handling.

Lastly, the

book applies e

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Technologies

***Electrochemical
, optical and
other***

***detection
strategies to
relevant
issues in the
food and
clinical
environmental
areas, as well
as industry-***

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Medical

Technologies

**oriented
applications.**

Using

numerous

examples and

practical tips,

this book

offers a

nontechnical

explanation of

the standard

methods for

***missing data
(such as
listwise or
casewise
deletion) as
well as two
newer (and,
better)
methods,
maximum
likelihood and
multiple***

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Technologies

imputation.

Congress

Anyone who

Tiptekno

has relied on

ad-hoc

methods that

are

statistically

inefficient or

biased will

find this book

a welcome and

accessible

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Medical

Technologies

Congress

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***solution to
their problems
with handling
missing data.
Building on
Handbook of
Machine
Learning -
Volume 1:
Foundation of
Artificial
Intelligence,***

Page 129/161

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Medical

Technologies
Congress
Tiptekno

***this volume on
Optimization
and Decision
Making covers
a range of
algorithms
and their
applications.
Like the first
volume, it
provides a
starting point***

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Technologies

***for machine
learning
enthusiasts as
a
comprehensive
guide on
classical
optimization
methods. It
also provides
an in-depth
overview on***

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Technologies

***how artificial
intelligence
can be used to
define,
disprove or
validate
economic
modeling and
decision
making
concepts.***

[Advances in](#)

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Technologies

Safety
Management
and Human

Factors

ICPR 2010

Contents,

Istanbul,

Turkey,

August 23-26,

2010, Contest

Reports

Food

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Technologies
Congress
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Hydrocolloids
Data Science
Cell Biology
and
Translational
Medicine,
Volume 10
Advances in
Theory,
Algorithms
and
Applications

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Technologies

6th

Congress

International

Conference of

Pioneering

Computer

Scientists,

Engineers and

Educators,

ICPCSEE 2020,

Taiyuan,

China,

September

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Technologies

18-21, 2020,
Congress
Part I
Tiptekno

Proceedings of
the Fourth
National
Conference on
Sensors,
February
21-23, 2018,
Catania, Italy
Intelligent

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Medical

Technologies
Congress
Tiptekno

**Algorithms in
Software
Engineering**

17th

International

Conference,

ICIC 2021,

Shenzhen,

China, August

12-15, 2021,

Proceedings,

Part III

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Medical

Technologies
Congress
Tiptekno

Biomedical

Signal

Processing

Intelligent

Computing

Theories and

Application

Proceedings of

the EANN 2020

Second

Symposium,

SoMMA 2020,

Read Book 2019
Medical

Technologies
Congress
Liptekno

Chennai, India,
October
14-17, 2020,
Revised
Selected
Papers

***This book
constitutes the
proceedings of
the Sixth
Conference on
Information and***

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Technologies

**Communication
Technologies
“TIC.EC”, held in
Cuenca, Ecuador,
from November
27 to 29, 2019.
Considered one
of the most
important
conferences on
ICT in Ecuador, it
brings together
scholars and**

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Technologies
practitioners

Congress
**from the country
and abroad to**

Tintekno
**discuss the
development,
issues and**

**projections of the
use of**

**information and
communication
technologies in**

**multiple fields of
application. The**

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Tintekno

**2019 "TIC.EC"
conference was
organized by
Universidad del
Azuary (UDA) and
its Engineering
School, as well as
the Ecuadorian
Corporation for
the Development
of Research and
Academia
(CEDIA). The**

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Technologies

**book covers the
following topics: ·**

Software

engineering ·

Security · Data ·

Networks ·

Architecture ·

Applied ICTs ·

Technological

entrepreneurship

· Links between

research and

industry · High-

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Technologies

impact

innovation ·

Knowledge

management and

intellectual

property

This book reports

on the latest

advances in the

study of

biomedical signal

processing, and

discusses in

***detail a number
of open problems
concerning
clinical,
biomedical and
neural signals. It
methodically
collects and
presents in a
unified form the
research findings
previously
scattered***

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Technologies

**throughout
various scientific
journals and
conference**

**proceedings. In
addition, the
chapters are self-
contained and
can be read
independently.
Accordingly, the
book will be of
interest to**

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Technologies

university

Congress

researchers, R&D

Tintekno

engineers and

graduate

students who

wish to learn the

core principles of

biomedical signal

analysis,

algorithms, and

applications,

while also

offering a

Read Book 2019
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Technologies

valuable

Congress

reference work

Tintekno

for biomedical

engineers and

clinicians who

wish to learn

more about the

theory and recent

applications of

neural

engineering and

biomedical signal

processing.

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Technologies

***The book
proposes new
technologies and
discusses future
solutions for ICT
design
infrastructures,
and includes high-
quality
submissions
presented at the
Third
International***

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Technologies

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Tintekno

**Conference on
ICT for
Sustainable
Development
(ICT4SD 2018),
held in Goa, India
on 30-31 August
2018. The
conference
stimulated
cutting-edge
research
discussions**

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Technologies

among

pioneering

researchers,

scientists,

industrial

engineers, and

students from all

around the world.

Bringing together

experts from

different

countries, the

book focuses on

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innovative issues

Congress

at an

Tintekno

international

level.

This book

discusses the

latest findings on

ensuring

employees'

safety, health,

and welfare at

work. It combines

a range of

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Technologies
Congress
Tintolno

***disciplines - e.g.
work physiology,
health
informatics,
safety
engineering,
workplace
design, injury
prevention, and
occupational
psychology - and
presents new
strategies for***

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Technologies

safety

management,

including

accident

prevention

methods such as

performance

testing and

participatory

ergonomics. The

book, which is

based on the

AHFE 2019

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Medical

Technologies

**International
Congress
Conference on
Safety**

**Management and
Human Factors,
held on July
24-28, 2019,
Washington D.C.,
USA, provides
readers,
including
decision makers,
professional**

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Medical

***Technologies
Congress
Tintekno***
***ergonomists and
program
managers in
government and
public
authorities, with
a timely snapshot
of the state of
the art in the
field of safety,
health, and
welfare
management. It***

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Technologies

also addresses agencies such as the Occupational Safety and Health Administration (OSHA) and the National Institute for Occupational Safety and Health (NIOSH), as well as other professionals dealing with

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Technologies
Congress
Tintekno
**occupational
safety and
health.**

Enhanced Living

Environments

ICEBEHI 2020,

8-9 October,

Surabaya,

Indonesia

Further Advances

in Internet of

Things in

Biomedical and

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Medical

Technologies
Cyber Physical
Systems

Applied

Intelligence and
Informatics

Applications,

Techniques and
Challenges

Digital Future of
Healthcare

First

International

Conference, All

Read Book 2019
Medical

Technologies

2021,

Nottingham, UK,

July 30-31, 2021,

Proceedings

Recognizing

Patterns in

Signals, Speech,

Images, and

Videos

Machine Learning

and

Metaheuristics

Algorithms, and

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Technologies
Congress
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Applications
Modern
Applications in
Optics and
Photonics