Student Tracking System Using Rfid Wordpress

This book provides an insight into the 'hot' field of Radio Frequency Identification (RFID) Systems In this book, the authors provide an insight into the field of RFID systems with an emphasis on networking aspects and research challenges related to passive Ultra High Frequency (UHF) RFID systems. The book reviews various algorithms, protocols and design solutions that have been developed within the area, including most recent advances. In addition, authors cover a wide range of recognized problems in RFID industry, striking a balance between theoretical and practical coverage. Limitations of the technology and state-of-the-art solutions are identified and new research opportunities are addressed. Finally, the book is authored by experts and respected researchers in the field and every chapter is peer reviewed. Key Features: Provides the most comprehensive analysis of networking aspects of RFID systems, including tag identification protocols and reader anti-collision algorithms Covers in detail major research problems of passive UHF systems such as improving reading accuracy, reading range and throughput Analyzes other "hot topics" including localization of passive RFID tags, energy harvesting, simulator and emulator design, security and privacy Discusses design of tag antennas, tag and reader circuits for passive UHF RFID systems Presents EPCGlobal architecture framework, middleware and protocols Includes an accompanying website with PowerPoint slides and solutions to the problems http://www.site.uottawa.ca/~mbolic/RFIDBook/ This book will be an invaluable guide for researchers and graduate students in electrical engineering and computer science, and researchers and developers in telecommunication industry.

2020 International Conference on Advanced Computing & Communication Systems (ICACCS) aims at exploring the interface between the industry and real time environment with state of the art techniques ICACCS 2020 publishes original and timely research papers and survey articles in current areas of sustainable computing, energy, smart city, temperature, power and environment related research areas of current importance to readers

This book is an eye-opener for businesses unveiling how technology trends can be deployed to redesign products, services and processes. The authors provide business opportunities based on technological innovation across 10 industrial sectors in easy to read case studies. Each case study is a story that narrates the potential and influence of a technological innovation on an enterprise, by defining the challenges faced, the type of technology adopted, and the impact. Provides readers with compelling reasons for implementing technology trends in industrial value chains; Written in a simple, easy to read and exciting manner to be accessible to readers with different backgrounds and interests; Uses a single, structured paradigm in all the case studies.

This SpringerBrief examines the use of cheap commercial passive RFID tags to achieve accurate device-free object-tracking. It presents a sensitive detector, named Twins, which uses a pair of adjacent passive tags to detect uncooperative targets (such as intruders). Twins leverages a newly observed phenomenon called critical state that is caused by interference among passive tags. The author expands on the previous object tracking methods, which are mostly device-based, and reveals a new interference model and their extensive experiments for validation. A prototype implementation of the Twins-based intrusion detection scheme with commercial off-the-shelf reader and tags is also covered in this SpringerBrief. Device-Free Object Tracking Using Passive Tags is designed for researchers and professionals interested in smart sensing, localization, RFID and Internet of Things applications. The content is also useful for advanced-level students studying electrical engineering and computer science.

Proceedings of International Conference on Emerging Technologies and Intelligent Systems

Analog Circuit Design

11th International Conference, WASA 2016, Bozeman, MT, USA, August 8-10, 2016. Proceedings

Enhancing Research and Innovation through the Fourth Industrial Revolution

Synchronous Reluctance Machines

Research Trends and Challenges

Proceedings of ICSCS 2021

Focusing on the phenomena of the Surveillance School, Taylor examines the increased presence of surveillance technologies and practices which identify, verify, categorise and track pupils, exploring the impact that invasive and continual monitoring is having upon school children.

The proceeding is a collection of research papers presented at the 11th International Conference on Robotics, Vision, Signal Processing & Power Applications (RoViSP 2021). The theme of RoViSP 2021 " Enhancing Research and Innovation through the Fourth Industrial Revolution (IR 4.0)" served as a platform for researchers, scientists, engineers, academicians as well as industrial professionals from all around the globe to present and exchange their research findings and development activities through oral presentations. The book covers various topics of interest, including: Robotics, Control, Mechatronics and Automation Telecommunication Systems and Applications Electronic Design and Applications Vision, Image and Signal Processing Electrical Power, Energy and Industrial Applications Computer and Information Technology Biomedical Engineering and Applications Intelligent Systems Internet-of-things Mechatronics Mobile Technology

This book provides an introduction to RFID technology. It describes and addresses the following: How RFID works, how it is and can be used in current and future applications. The History of RFID technology, the current state of practice and where RFID is expected to be taken in the future. The role of middleware software to route data between the RFID network and the information technology systems within an organization. Commercial and government use of RFID technology with an emphasis on a wide range of applications including retail and consumer packaging, transportation and distribution of products, industrial and manufacturing operations, security and access control. Industry standards and the regulatory compliance environment and finally, the privacy issues facing the public and industry regarding the deployment of RFID technology.

The relationship between class attendance and academic performance continues to be of interest. The most common methods of tracking attendance, however, have their shortcomings and biases. We provide researchers with a method to collect unbiased and reliable attendance data. Late arrivals and early departures can also be recorded with ease, allowing researchers to evaluate these behaviors as well. Our method is intended to collect valuable attendance data at a minimal cost of time or money: setup takes 10-20 seconds per student initially, with no time lost subsequently, and the monetary cost is less than 29¢ for each student. An Excel-based version is discussed. Software code is provided, open-source, for instructors to implement.

Cases on Emerging Information Technology Research and Applications

Proceedings of the 13th International Conference on Complex, Intelligent, and Software Intensive Systems (CISIS-2019)

RFID

RFID Security and Privacy

Multiresonator-Based Chipless RFID

Barcode of the Future

Doing Identity in a Networked World

This book answers technology questions that concerned parents have about their kids in school.

Radio Frequency Identification (RFID), a method of remotely storing and receiving data using devices called RFID tags, brings many real business benefits to today world's organizations. Over the years, RFID research has resulted in many concrete achievements and also contributed to the creation of communities that bring scientists and engineers together with users. This book includes valuable research studies of the experienced scientists in the field of RFID, including most recent developments. The book offers new insights, solutions and ideas for the design of efficient RFID architectures and applications. While not pretending to be comprehensive, its wide coverage may be appropriate not only for RFID novices, but also for engineers, researchers, industry personnel, and all possible candidates to produce new and valuable results in RFID domain.

Based on IEEE taxonomy, CSCI is directly related to many of IEEE Computer Society s fields of interest (BUT note that in this conference we DO NOT plan to consider topics that are theoretical in nature such as automatic proof based systems, solutions to open problems in mathematics,) Using IEEE classifications taxonomy, please find below a representative list of fields of interest for the conference In summary we are interested in all aspects of computational science and computational intelligence and applications Note that you will find many repetitions in the list of topics that appears below (this is due to the fact that the same repetitions also appear in the IEEE list) Broadcast Technology Digital video broadcasting, Motion pictures Communications Technology Denial of service attack, Computer networks, Internet, Multiprocessor interconnection networks, Network security, Peer to peer computing, Software defined networking, Virtual private networks, Digital images

The proceeding is a collection of research papers presented, at the 9th International Conference on Robotics, Vision, Signal Processing & Power Applications (ROVISP 2016), by researchers, scientists, engineers, academicians as well as industrial professionals from all around the globe to present their research results and development activities for oral or poster presentations. The topics of interest are as follows but are not limited to: • Robotics, Control, Mechatronics and Automation • Vision, Image, and Signal Processing • Artificial Intelligence and Computer Applications • Electronic Design and Applications • Telecommunication Systems and Applications • Power System and Industrial Applications • Engineering Education

The SAGE Encyclopedia of Educational Technology

Future Data and Security Engineering

Techno-Societal 2020

A Guide to Radio Frequency Identification

Proceedings of the 8th International Conference on Computational Science and Technology

RFID Design Principles

Proceedings of Mechanical Engineering Research Day 2020

In a world where computer science is now an essential element in all of our lives, a new opportunity to disseminate the latest research and trends is always welcome. This book presents the proceedings of the first International Conference on Recent Trends in Computing (ICRTC 2021), which was held as a virtual event on 21 - 22 May 2021 at Sanjivani College of Engineering, Kopargaon, India due to the restrictions of the COVID-19 pandemic. This online conference, aimed at facilitating academic exchange among researchers, enabled experts and scholars around from around the globe to gather for the discussion of the latest advanced research in the field despite the extensive travel restrictions still in place. The book contains 134 papers selected from 329 submitted papers after a rigorous peer-review process, and topics covered include advanced computing, networking, informatics, security and privacy, and other related fields. The book will be of interest to all those eager to find the latest trends and most recent developments in computer science.

This book explores contemporary transformations of identities in a digitizing society across a range of domains of modern life. As digital technology and ICTs have come to pervade virtually all aspects of modern societies, the routine registration of personal data has increased exponentially, thus allowing a proliferation of new ways of establishing who we are. Rather than representing straightforward progress, however, these new practices generate important moral and socio-political concerns. While access to and control over personal data is at the heart of many contemporary strategic innovations domains as diverse as migration management, law enforcement, crime and health prevention, "e-governance," internal and external security, to new business models and marketing tools, we also see new forms of exclusion, exploitation, and disadvantage emerging.

The comprehensive reference on synchronous reluctance machines, which offer high power density at low cost and support the electrification in the transport sector. This book, written by top academic and industry experts, covers all topics required to design these machines.

This book, divided in two volumes, originates from Techno-Societal 2020: the 3rd International Conference on Advanced Technologies for Societal Applications, Maharashtra, India, that brings together faculty members of various engineering colleges to solve Indian regional relevant problems under the guidance of eminent researchers from various reputed organizations. The focus of this volume is on technologies that help develop and improve society, in particular on issues such as sensor and ICT based technologies for the betterment of people, Technologies for agriculture and healthcare, micro and nano technological application. This conference aims to help innovators to share their best practices or products developed to solve specific local problems which in turn may help the other researchers to take inspiration to solve problems in their region. On the other hand, technologies proposed by expert researchers may find applications in different regions. This offers a multidisciplinary platform for researchers from a broad range of disciplines of Science, Engineering and Technology for reporting innovations at different levels.

7th International Workshop, RFIDsec 2011, Amherst, MA, USA, June 26-28, 2011, Revised Selected Papers

Sensors, Actuators and Power Drivers; Integrated Power Amplifiers from Wireline to RF; Very High Frequency Front Ends

Spychips

8th International Conference, FDSE 2021, Virtual Event, November 24-26, 2021, Proceedings

Empowering Research and Innovation

ICITA 2021

RFID Systems

This e-book is a compilation of 170 articles presented at the 7th Mechanical Engineering Research Day (MERD'20) - Kampus Teknologi UTeM (virtual), Melaka, Malaysia on 16 December 2020.

A major new professional reference work on fingerprint security systems and technology from leading international researchers in the field. Handbook provides authoritative and comprehensive coverage of all major topics, concepts, and methods for fingerprint security systems. This unique reference work is an absolutely essential resource for all biometric security professionals, researchers, and systems administrators.

Appendix B:Stability Measures for Frequency Sources 665Appendix C:Free-Space Propagation Loss 669; About the Authors 675; Index 683; Mobile Communications Library.

Big Brother gets up close and personal. Do you know about RFID (Radio Frquency IDentification)? Well, you should, because in just a few short years, this explosive new technology could tell marketers, criminals, and government snoops everything about you. Welcome to the world of spychips, where tiny computer chips smaller than a grain of sand will trace everyday objects?and even people?keeping tabs on everything you own and everywhere you go. In this startling, eye-opening book, you'll learn how powerful corporations are planning a future where: Strangers will be able to scan the contents of your purse or briefcase from across a room. Stores will change prices as you approach-squeezing extra profits out of bargain shoppers and the poor. The contents of your refrigerator and medicine cabinet will be remotely monitored. Floors, doorways, ceiling tiles, and even picture frames will spy on you?leaving virtually no place to hide. microchip implants will track your every move?and even broadcast your conversations remotely or electroshock you if you step out of line. This is no conspiracy theory. Hundreds of millions of dollars have already been invested in what global corporations and the government are calling "the hottest new technology since the bar code." Unless we stop it now, RFID could strip away our last shreds of privacy and usher in a nightmare world of total surveillance?to keep us all on Big Brother's very short leash. What critics are saying about Spychips, the book: Spychips "make[s] a stunningly powerful argument against plans for RFID being mapped out by government agencies, retail and manufacturing companies." ?Evan Schuman, CIO Insight "The privacy movement needs a book. I nominate Spychips." ?Marc Rotenberg, EPIC "Brilliantly written; so scary and depressing I want to put it down, so full of fascinating vignettes and facts that I can't put it down." ?Author Claire Wolfe Spychips "makes a very persuasive case that some of America's biggest companies want to embed tracking technology into virtually everything we own, and then study our usage patterns 24 hours a day. It's a truly creepy book and well worth reading." ?Hiawatha Bray, Boston Globe "You REALLY want to read this book." ?Laissez Faire

RFID Sourcebook

Proceedings of the 11th International Conference on Robotics, Vision, Signal Processing and Power Applications

2020 6th International Conference on Advanced Computing and Communication Systems (ICACCS)

Handbook of Fingerprint Recognition

Soft Computing for Security Applications

Sustainable Radio Frequency Identification Solutions

Complex, Intelligent, and Software Intensive Systems

RFID (Radio Frequency Identification) technology allows for automatic identification of information contained in a tag by scanning and interrogation using radio frequency (RF) waves. An RFID tag contains an antenna and a microchip that allows it to transmit and receive. This technology is a possible alternative to the use of barcodes, which are frequently inadequate in the face of rapid growth in the scale and complexity of just-in-time inventory requirements, regional and international trade, and emerging new methods of trade based on it. Use of RFID tags will likely eventually become as widespread as barcodes today. This book describes the technologies used for implementation of RFID: from hardware, communication protocols, cryptography, to applications (including electronic product codes, or EPC) and middleware. The five parts of this book will provide the reader with a detailed description of all the elements that make up a RFID system today, including hot topics such as the privacy concerns, and the Internet of Things.

Radio frequency identification (RFID) is a fascinating, fast developing and multidisciplinary domain with emerging technologies and applications. It is characterized by a variety of research topics, analytical methods, models, protocols, design principles and processing software. With a relatively large range of applications, RFID enjoys extensive investor confidence and is poised for growth. A number of RFID applications proposed or already used in technical and scientific fields are described in this book. Sustainable Radio Frequency Identification Solutions comprises 19 chapters written by RFID experts from all over the world. In investigating RFID solutions experts reveal some of the real-life issues and challenges in implementing RFID.

This book constitutes the proceedings of the 11th International Conference on Wireless Algorithms, Systems, and Applications, WASA 2016, held in Bozeman, MT, USA, in August 2016.The 50 full papers and 9 invited papers presented werde carefully reviewed and selected from 148 submissions. WASA is designed to be a forum for theoreticians, system and application designers, protocol developers and practitioners to discuss and express their views on the current trends, challenges, and state-of-the-art solutions related to various issues in wireless networks. Topics of interests include, but not limited to, effective and efficient state-of-the-art algorithm design and analysis, reliable and secure system development and implementations, experimental study and testbed validation, and new application exploration in wireless networks.

This book constitutes the thoroughly refereed post-worksop proceedings of the 7th International Workshop Radio Frequency Identification: Security and Privacy Issues. RFIDSec 2011, held in Amherst, Massachusetts, USA, in June 2011. The 12 revised full papers presented were carefully reviewed and selected from 21 initial submissions for inclusion in the book. The papers focus on minimalism in cryptography, on-tag cryptography, securing RFID with physics, and protocol-level security in RFID.

ICCST 2021, Labuan, Malaysia, 28–29 August

Recent Trends in Intensive Computing

Technologists' Handbook of Emerging Technologies 2009 - 2010

Digitizing Identities

First International Conference on Artificial Intelligence and Cognitive Computing

Information and Communication Technology and Applications

RFID and the Internet of Things

This revised edition of the Artech House bestseller, RFID Design Principles, serves as an up-to-date and comprehensive introduction to the subject. The second edition features numerous updates and brand new and expanded material on emerging topics such as the medical applications of RFID and new ethical challenges in the field. This practical book offers you a detailed understanding of RFID design essentials, key applications, and important management issues. The book explores the role of RFID technology in supply chain management, intelligent building design, transportation systems, military applications, and numerous other applications. It explains the design of RFID circuits, antennas, interfaces, data encoding schemes, and complete systems. Starting with the basics of RF and microwave propagation, you learn about major system components including tags and readers. This hands-on reference distills the latest RFID standards, and examines RFID at work in supply chain management, intelligent buildings, intelligent transportation systems, and tracking animals. RFID is controversial among privacy and consumer advocates, and this book looks at every angle concerning security, ethics, and protecting consumer data. From design detailsOC to applicationsOC to socio-cultural implications, this authoritative volume offers the knowledge you need to create an optimal RFID system and maximize its performance."

This book constitutes revised selected papers from the Third International Conference on Information and Communication Technology and Applications, ICTA 2020, held in Minna, Nigeria, in November 2020. Due to the COVID-19 pandemic the conference was held online. The 67 full papers were carefully reviewed and selected from 234 submissions. The papers are organized in the topical sections on Artificial Intelligence, Big Data and Machine Learning; Information Security Privacy and Trust; Information Science and Technology.

Complex, Intelligent, and Software Intensive SystemsProceedings of the 13th International Conference on Complex, Intelligent, and Software Intensive Systems (CISIS-2019)Springer

Rapidly advancing technology creates an overwhelming demand to remain informed of current research and discoveries. Cases on Emerging Information Technology Research and Applications strategically combines the latest studies encompassing the most current advancements in the IT arenas. This compilation of cases highlights relevant information for professionals, researchers, and students wishing to remain current with the ever-changing IT field.

Answers That Reveal Essential Steps for Improvement

Analysis, Optimization and Applications

Third International Conference, ICTA 2020, Minna, Nigeria, November 24–27, 2020, Revised Selected Papers

Designing and Deploying RFID Applications

Proceedings of the 3rd International Conference on Advanced Technologies for Societal Applications—Volume 1

Parents and School Technology

Mapping Innovation

This book sheds light on the emerging research trends in intelligent systems and their applications. It mainly focuses on three different themes, including software engineering, ICT in education, and management information systems. Each chapter contributes to the aforementioned themes by discussing the recent design, developments, and modifications of intelligent systems and their applications.

NEW YORK TIMES and WALL STREET JOURNAL BESTSELLER ONE OF THE WASHINGTON POST'S 10 BEST BOOKS OF 2015 One of the world's leading authorities on global security, Marc Goodman takes readers deep into the digital underground to expose the alarming ways criminals, corporations, and even countries are using new and emerging technologies against you—and how this makes everyone more vulnerable than ever imagined. Technological advances have benefited our world in immeasurable ways, but there is an ominous flip side: our technology can be turned against us. Hackers can activate baby monitors to spy on families, thieves are analyzing social media posts to plot home invasions, and stalkers are exploiting the GPS on smart phones to track their victims' every move. We all know today's criminals can steal identities, drain online bank accounts, and wipe out computer servers, but that's just the beginning. To date, no computer has been created that could not be hacked—a sobering fact given our radical dependence on these machines for everything from our nation's power grid to air traffic control to financial services. Yet, as ubiquitous as technology seems today, just over the horizon is a tidal wave of scientific progress that will leave our heads spinning. If today's Internet is the size of a golf ball, tomorrow's will be the size of the sun. Welcome to the Internet of Things, a living, breathing, global information grid where every physical object will be online. But with greater connections come greater risks. Implantable medical devices such as pacemakers can be hacked to deliver a lethal jolt of electricity and a car's brakes can be disabled at high speed from miles away. Meanwhile, 3-D printers can produce AK-47s, bioterrorists can download the recipe for Spanish flu, and cartels are using fleets of drones to ferry drugs across borders. With explosive insights based upon a career in law enforcement and counterterrorism, Marc Goodman takes readers on a vivid journey through the darkest recesses of the Internet. Reading like science fiction, but based in science fact, Future Crimes explores how bad actors are primed to hijack the technologies of tomorrow, including robotics, synthetic biology, nanotechnology, virtual reality, and artificial intelligence. These fields hold the power to create a world of unprecedented abundance and prosperity. But the technological bedrock upon which we are building our common future is deeply unstable and, like a house of cards, can come crashing down at any moment. Future Crimes provides a mind-blowing glimpse into the dark side of technological innovation and the unintended consequences of our connected world. Goodman offers a way out with clear steps we must take to survive the progress unfolding before us. Provocative, thrilling, and ultimately empowering, Future Crimes will serve as an urgent call to action that shows how we can take back control over our own devices and harness technology's tremendous power for the betterment of humanity—before it's too late.

This book presents original research works by researchers, engineers and practitioners in the field of artificial intelligence and cognitive computing. The book is divided into two parts, the first of which focuses on artificial intelligence (AI), knowledge representation, planning, learning, scheduling, perception-reactive AI systems, evolutionary computing and other topics related to intelligent systems and computational intelligence. In turn, the second part focuses on cognitive computing, cognitive science and cognitive informatics. It also discusses applications of cognitive computing in medical informatics, structural health monitoring, computational intelligence, intelligent control systems, bio-informatics, smart manufacturing, smart grids, image/video processing, video analytics, medical image and signal processing, and knowledge engineering, as well as related applications.

Analog Circuit Design is based on the yearly Advances in Analog Circuit Design workshop. The aim of the workshop is to bring together designers of advanced analogue and RF circuits for the purpose of studying and discussing new possibilities and future developments in this field. Selected topics for AACD 2007 were: (1) Sensors, Actuators and Power Drivers for the Automotive and Industrial Environment; (2) Integrated PA's from Wireline to RF; (3) Very High Frequency Front Ends.

Everything Is Connected, Everyone Is Vulnerable and What We Can Do About It

Using RFID Technology to Track Attendance

Security, Discipline and Control in Contemporary Education

AICC 2018

The Discipline of Building Opportunity across Value Chains

Surveillance Schools

How Major Corporations and Government Plan to Track Your Every Move with RFID

This vital new resource offers engineers and researchers a window on important new technology that will supersede the barcode and is destined to change the face of logistics and product data handling. In the last two decades, radio-frequency identification has grown fast, with accelerated take-up of RFID into the mainstream through its adoption by key users such as Wal-Mart, K-Mart and the US Department of Defense. RFID has many potential applications due to its flexibility, capability to operate out of line of sight, and its high data-carrying capacity. Yet despite optimistic projections of a market worth $25 billion by 2018, potential users are concerned about costs and investment returns. Clearly demonstrating the need for a fully printable chipless RFID tag as well as a powerful and efficient reader to assimilate the tag's data, this book moves on to describe both. Introducing the general concepts in the field including technical data, it then describes how a chipless RFID tag can be made using a planar disc-loaded monopole antenna and an asymmetrical coupled spiral multi-resonator. The tag encodes data via the "spectral signature" technique and is now in its third-generation version with an ultra-wide band (UWB) reader operating at between 5 and 10.7GHz.

This book constitutes the proceedings of the 8th International Conference on Future Data and Security Engineering, FDSE 2021, which was supposed to be held in Ho Chi Minh City, Vietnam, in November 2021, but the conference was held virtually due to the COVID-19 pandemic. The 24 full papers presented together with 2 invited keynotes were carefully reviewed and selected from 168 submissions. The selected papers are organized into the following topical headings: Big Data Analytics and Distributed Systems; Advances in Machine Learning for Big Data Analytics; Industry 4.0 and Smart City: Data Analytics and Security; Blockchain and IoT Applications; Machine Learning and Artificial Intelligence for Security and Privacy; Emerging Data Management Systems and Applications.

This book presents scientific interactions between the three interwoven and challenging areas of research and development of future ICT-enabled applications: software, complex systems and intelligent systems. Software intensive systems heavily interact with other systems, sensors, actuators, and devices, as well as other software systems and users. More and more domains involve software intensive systems, e.g. automotive, telecommunication systems, embedded systems in general, industrial automation systems and business applications. Moreover, web services offer a new platform for enabling software intensive systems. Complex systems research is focuses on understanding overall systems rather than their components. Such systems are characterized by the changing environments in which they act, and they evolve and adapt through internal and external dynamic interactions. The development of intelligent systems and agents features the use of ontologies, and their logical foundations provide a fruitful impulse for both software intensive systems and complex systems. Research in the field of intelligent systems, robotics, neuroscience, artificial intelligence, and cognitive sciences is a vital factor in the future development and innovation of software intensive and complex systems.

The SAGE Encyclopedia of Educational Technology examines information on leveraging the power of technology to support teaching and learning. While using innovative technology to educate individuals is certainly not a new topic, how it is approached, adapted, and used toward the services of achieving real gains in student performance is extremely pertinent. This two-volume encyclopedia explores such issues, focusing on core topics and issues that will retain relevance in the face of perpetually evolving devices, services, and specific techniques. As technology evolves and becomes ever more low-cost, easy-to-use, and more accessible, the education sector will evolve alongside it. For instance, issues surrounding reasoning behind how one study has shown students retain information better in traditional print formats are a topic explored within the pages of this new encyclopedia. Features: A collection of 300-350 entries are organized in A-to-Z fashion in 2 volumes available in a choice of print or electronic formats. Entries, authored by key figures in the field, conclude with cross references and further readings. A detailed index, the Reader's Guide themes, and cross references combine for search-and-browse in the electronic version. This reference encyclopedia is a reliable and precise source on educational technology and a must-have reference for all academic libraries.

2020 International Conference on Computational Science and Computational Intelligence (CSCI)

Future Crimes

Principles and Applications

Proceedings of International Conference on Information Technology and Applications

9th International Conference on Robotic, Vision, Signal Processing and Power Applications

ICETIS 2021 (Volume 1).

This book gathers the proceedings of the Seventh International Conference on Computational Science and Technology (ICCST 2021), held in Labuan, Malaysia, on 28–29 August 2021. The respective contributions offer practitioners and researchers a range of new computational techniques and solutions, identify emerging issues, and outline future research directions, while also showing them how to apply the latest large-scale, high-performance computational methods.

Device-Free Object Tracking Using Passive Tags

Wireless Algorithms, Systems, and Applications

Understanding GPS