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Today's consumer demands convenience, functionality and added value in all aspects of life. How are developers reacting to this?

Decoding the true disruptive innovation in real estate

Grace Edema Published 2 July 2021The Managing Director, CASIO, Middle East, Mr Takashi Seimiya, has said teaching mathematics with real-life experiences will help learners develop interest and ...

'Mathematics should be taught with real-life examples'

"I painted this image in Photoshop. And when it was done I knew that I had to try to bring this game to life. That image has been our guiding star style-wise since then." ...

Exploring the art and animation techniques behind hand-painted odyssey Planet of Lana

A team led by Nottingham University has used remote sensing satellite technology to assist the Greek government in tackling modern slavery within Greece's strawberry fields.

Remote sensing used to tackle modern slavery in Greece

Vehicle parking is a major problem in urban areas in both developed and developing countries. Following the rapid increase of car ownership, many cities are suffering from lacking of car parking areas ...

Problem of Parking in Urban Areas and their Possible Solutions

Vishal Salvi, CISO and head of cyber security practice at Infosys, discusses the threat of automated hacking, deepfakes and weaponised AI ...

Automated hacking, deepfakes and weaponised AI - how much of a threat are they?

Between generation, collection, and monetization, data is proving an ever-evolving conversation. Now that nearly every device, from computers to smartphones to smart appliances and more, is ...

Blockchain Beyond Crypto: Connecting Off-Chain and On-Chain Data

Growing regulatory scrutiny, continuously changing watchlists, and the complexities of an increasingly interconnected and international ...

Reimagining Watchlist Screening: Improving Efficiency and Effectiveness with Modern Technologies

Wellness real estate software market is projected to grow at a CAGR of 7 over the forecast period 2019 2027 owing to the rising investment opportunities in the wellness industry Says Absolute Markets ...

Know about the All Things Of "Global Wellness real estate software market". And what makes it a Booming Industry?

Matt Harris of Bain Capital Ventures explores four trends that demonstrate how fintech innovations are streamlining the user experience and transforming the financial landscape.

Four Trends In Fintech And How They're Modernizing The Consumer Experience

One of the most exciting things about getting engaged—other than the ring, of course—is having the opportunity to put together a wedding registry. It's kind of like shopping for everything you've ever ...

I've been married for 15 years and these are the wedding gifts we still use

Artists have sometimes found ways to express the grief and surreal discord of dementia in various media. "The Poet" by the Terminus Modern Ballet Theatre takes a bold approach by using modern dance to ...

Terminus Modern Ballet Theatre's New Film 'The Poet' Examines The Realities Of Those With Dementia

Key Insights Provided for Crude Oil Pipeline Transportation Companies In addition to the impact of emerging trends on businesses, BizVibe company profiles contain numerous high-quality insights to ...

Company Insights for the Crude Oil Pipeline Transportation Industry | Emerging Trends, Company Risk, and Key Executives

The 2TB Samsung 870 Qvo and Crucial MX500, two of our favourite SATA SSDs, are heavily discounted on Amazon UK today.

A couple of our favourite 2TB SSDs are real cheap in the UK today

There is no evidence of any medieval constructions ever existing on the site, so Guédelon Castle is a modern-day building built from scratch using only medieval techniques to reproduce a ...

Castle in France Built in the 21st Century Using Only Medieval Techniques

The world's best cinematographers tell IndieWire how they created the look of their highly anticipated features at Cannes.

Cannes Cinematography: Here Are the Cameras and Lenses Used to Shoot 52 Films

Sound security policies have always been important, but IT leaders are more concerned with the interconnected state of modern business than ever before. However, this rising tide has also led to ...

Why Enterprise Users Can't Wait for Patch Updates

he is also Executive Editor of Modern Materials Handling. A graduate of Bowling Green State University, Trebilcock lives in Keene, NH. He can be reached at 603-357-0484. Get in-depth coverage from ...

With the rise in general awareness of the effects of trace chemicals in the environment on man's health, it has been realized that traditional methods of analysis are often inadequate. Reliable analyses are needed in the fractional parts-per million range of contaminants in condensed phases, and of the order of micrograms per cubic meter in air. Trying to get meaningful answers regarding such minute amounts raises cogent problems in all stages of an analysis. It is most appropriate, therefore, that the 1971 Eastern Analytical Symposium should have four half-day sessions devoted to this general field. Two of these, entitled "Trace Metals in the Environment," were assembled by Dr. Kneip, one on "Pesticides in the Environment: Recently Discovered Analytical Problems," by Dr. Zweig, and one on "The Determination of Anions in Water," by Dr. Lambert. Together, these reports furnish a fairly complete picture of the present state of environmental analysis. The remainder of this volume is devoted to pharmaceutical analysis, a diversified field in which nearly all analytical methods find a place. Partly because of this multiplicity of techniques, and partly due to the large number of samples which must be examined in connection with the manufacture, biological testing, and clinical application of pharmaceutical preparations, this area is particularly appropriate for the introduction of automation. The objective, broadly, is to speed up multiple analyses without the sacrifice of accuracy.

Present Knowledge in Nutrition, Eleventh Edition, provides an accessible, highly readable, referenced, source of the most current, reliable, and comprehensive information in the broad field of nutrition. Now broken into two, separate volumes, and updated to reflect scientific advancements since the publication of its tenth edition, Present Knowledge in Nutrition, Eleventh Edition includes expanded coverage on the topics of basic nutrition and metabolism and clinical and applied topics in nutrition. This volume, Present Knowledge in Nutrition: Clinical and Applied Topics in Nutrition, addresses life stage nutrition and maintaining health, nutrition monitoring, measurement, and regulation, and important topics in clinical nutrition. Authored by an international group of subject-matter experts, with the guidance of four editors with complementary areas of expertise, Present Knowledge in Nutrition, Eleventh Edition will continue to be a go-to resource for advanced undergraduate, graduate and postgraduate students in nutrition, public health, medicine, and related fields; professionals in academia and medicine, including clinicians, dietitians, physicians, and other health professionals; and academic, industrial and government researchers, including those in nutrition and public health. The book was produced in cooperation with the International Life Sciences Institute (<https://ilsi.org/>). Provides an accessible source of the most current, reliable and comprehensive information in the broad field of nutrition Features new chapters on topics of emerging importance, including the microbiome, eating disorders,

nutrition in extreme environments, and the role of nutrition and cognition in mental status Covers topics of clinical relevance, including the role of nutrition in cancer support, ICU nutrition, supporting patients with burns, and wasting, deconditioning and hypermetabolic conditions

This volume provides a versatile introduction to the study of drainage basin evolution, morphology, drainage basin hydrology and sedimentology, human interference, natural and anthropogenic hazards and various management techniques. This book offers the responsible factors of sediment yield and their absolute and specific growth and rate of delivery through tributaries to the main streams. Rivers are important geomorphic agents which reflect an amazing variety of form and behaviour, showing the wide range of natural environment in which they are originated. The drainage system evolution and spatial network development within the dynamic nature are being discussed and how they are adjusted in the geomorphic time scale over the millions of years. This book shows how drainage systems function and react to change and why this thoughtful is required for flourishing integrated basin management. In tropical and sub-tropical countries population pressures as well as different developmental projects are being executed on the drainage basin without proper planning. Today scientists consider drainage basin as an administrative unit during implementation of regional projects. In this context this book will carry a bench mark for scholars and young scientists.

"The purpose of this book is to describe, illustrate, and review many of the most recent developments regarding modern techniques employed in cytopathology. It is intended for all cytologists, including cytopathologists, cytotechnologists, cytology lab assistants, trainees, research scientists, and anyone who is interested in the field of cytopathology"--

Phytochemicals are plant derived chemicals which may bestow health benefits when consumed, whether medicinally or as part of a balanced diet. Given that plant foods are a major component of most diets worldwide, it is unsurprising that these foods represent the greatest source of phytochemicals for most people. Yet it is only relatively recently that due recognition has been given to the importance of phytochemicals in maintaining our health. New evidence for the role of specific plant food phytochemicals in protecting against the onset of diseases such as cancers and heart disease is continually being put forward. The increasing awareness of consumers of the link between diet and health has exponentially increased the number of scientific studies into the biological effects of these substances. The Handbook of Plant Food Phytochemicals provides a comprehensive overview of the occurrence, significance and factors affecting phytochemicals in plant foods. A key objective of the book is to critically evaluate these aspects. Evaluation of the evidence for and against the quantifiable health benefits being imparted as expressed in terms of the reduction in the risk of disease conferred through the consumption of foods that are rich in phytochemicals. With world-leading editors and contributors, the Handbook of Plant Food Phytochemicals is an invaluable, cutting-edge resource for food scientists, nutritionists and plant biochemists. It covers the processing techniques aimed at the production of phytochemical-rich foods which can have a role in disease prevention, making it ideal for both the food industry and those who are researching the health benefits of particular foods. Lecturers and advanced students will find it a helpful and readable guide to a constantly expanding subject area.

The objective of this two-volume book is the systematic and comprehensive description of the most competitive time-domain computational methods for the efficient modeling and accurate solution of modern real-world EMC problems. Intended to be self-contained, it performs a detailed presentation of all well-known algorithms, elucidating on their merits or weaknesses, and accompanies the theoretical content with a variety of applications. Outlining the present volume, numerical investigations delve into printed circuit boards, monolithic microwave integrated circuits, radio frequency microelectromechanical systems as well as to the critical issues of electromagnetic interference, immunity, shielding, and signal integrity. Biomedical problems and EMC test facility characterizations are also thoroughly covered by means of diverse time-domain models and accurate implementations. Furthermore, the analysis covers the case of large-scale applications and electrostatic discharge problems, while special attention is drawn to the impact of contemporary materials in the EMC world, such as double negative metamaterials, bi-isotropic media, and several others. Table of Contents: Introduction / Printed Circuit Boards in EMC Structures / Electromagnetic Interference, Immunity, Shielding, and Signal Integrity / Bioelectromagnetic Problems: Human Exposure to Electromagnetic Fields / Time-Domain Characterization of EMC Test Facilities / Large-Scale EMC and Electrostatic Discharge Problems / Contemporary Material Modeling in EMC Applications

A collection of invited chapters dedicated to Carlos Segovia, this unified and self-contained volume examines recent developments in real and harmonic analysis. The work begins with a chronological description of Segovia's mathematical life, highlighting his original ideas and their evolution. Also

included are surveys dealing with Carlos' favorite topics, and PDE works written by students and colleagues close to Segovia whose careers were in some way influenced by him. Contributors: H. Aimar, A. Bonami, O. Blasco, L.A. Caffarelli, S. Chanillo, J. Feuto, L. Forzani, C.E. Gutiérrez, E. Harboure, A.L. Karakhanyan, C.E. Kenig, R.A. Macías, J.J. Manfredi, F.J. Martín-Reyes, P. Ortega, R. Scotto, A. de la Torre, J.L. Torrea.

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