Cgbse 10th Model Paper 2011

These contributions, written by the foremost international researchers and practitioners of Genetic Programming (GP), explore the synergy between theoretical and empirical results on real-world problems, producing a comprehensive view of the state of the art in GP. Chapters in this volume include: Similarity-based Analysis of Population Dynamics in GP Performing Symbolic Regression Hybrid Structural and Behavioral Diversity Methods in GP Multi-Population Competitive Coevolution for Anticipation of Tax Evasion Evolving Artificial General Intelligence for Video Game Controllers A Detailed Analysis of a PushGP Run Linear Genomes for Structured Programs Neutrality, Robustness, and Evolvability in GP Local Search in GP PRETSL: Distributed Probabilistic Rule Evolution for Time-Series Classification Relational Structure in Program Synthesis Problems with Analogical Reasoning An Evolutionary Algorithm for Big Data Multi-Class Classification Problems A Generic Framework for Building Dispersion Operators in the Semantic Space Assisting Asset Model Development with Evolutionary Augmentation Building Blocks of Machine Learning Pipelines for Initialization of a Data Science Automation

Tool Readers will discover large-scale, real-world applications of GP to a variety of problem domains via in-depth presentations of the latest and most significant results.

This fully updated second edition of the popular handbook provides an exploration of thinking on media ethics, bringing together the intellectual history of global mass media ethics over the past 40 years, summarising existing research and setting future agenda grounded in philosophy and social science. This second edition offers up-to-date and comprehensive coverage of media ethics, including the ethics of sources, social media, the roots of law in ethics, and documentary film. The wide range of contributors include scholars and former professionals who worked as journalists, public relations professionals, and advertising practitioners. They lay out both a good grounding from which to begin more in-depth and individualized explorations, and extensive bibliographies for each chapter to aid that process. For students and professionals who seek to understand and do the best work possible, this book will provide both insight and direction. Standing apart in its comprehensive coverage, The Routledge Handbook of Mass Media Ethics is required reading for scholars, graduate students, and researchers in media,

mass communication, journalism, ethics, and related areas.

First-ever comprehensive introduction to the major new subject of quantum computing and quantum information.

This book constitutes the thoroughly refereed post-conference proceedings of the 10th International Workshop on Digital-forensics and Watermarking (IWDW 2011) held in Atlantic City, NJ, USA, during October 23-26, 2011. The 37 revised full papers presented were carefully selected from 59 submissions. Conference papers are organized in 6 technical sessions, covering the topics of steganography and steganalysis, watermarking, visual cryptography, forensics, anti-forensics, fingerprinting, privacy and security.

Volume 2

Proceedings of the 2nd International Conference on Data Science, Machine Learning and Applications

Genetic Programming Theory and Practice XIV

Addiction Treatment

Linguists of Tomorrow

Massacre in West Cork: The Dunmanway and Ballygroman Killings

Uncertainty Modeling In Knowledge Engineering And Decision Making - Proceedings Of The 10th International Flins

Conference
Human Computer Interaction (HCI) is easy to define yet difficult to predict. Encompassing the management, study, planning, and design of the ways in which users interact with computers, this field has evolved from using punch cards to force touch in a matter of decades. What was once considered science fiction is now ubiquitous. The future of HCI is mercurial, yet predictions point to the effortless use of high-functioning services. The Handbook of Research on Human-Computer Interfaces, Developments, and Applications is primarily concerned with emerging research regarding gesture interaction, augmented reality, and assistive technologies and their place within HCI. From gaming to rehabilitation systems, these new technologies share the need to interface with humans, and as computers become thoroughly integrated into everyday life, so does the necessity of HCI research. This handbook of research benefits the research needs of programmers, developers, students and educators in computer science, and researchers.
This book constitutes the refereed proceedings of the 10th International Conference on Intelligent Data Analysis, IDA

2011, held in Porto, Portugal, in October 2011. The 19 revised full papers and 16 revised poster papers resented together with 3 invited papers were carefully reviewed and selected from 73 submissions. All current aspects of intelligent data analysis are addressed, particularly intelligent support for modeling and analyzing complex, dynamical systems. The papers offer intelligent support for understanding evolving scientific and social systems including data collection and acquisition, such as crowd sourcing; data cleaning, semantics and markup; searching for data and assembling datasets from multiple sources; data processing, including workflows, mixed-initiative data analysis, and planning; data and information fusion; incremental, mixed-initiative model development, testing and revision; and visualization and dissemination of results; etc. This volume highlights the latest advances, innovations, and applications in the field of FRP composites and structures, as presented by leading international researchers and engineers at the 10th International Conference on Fibre-Reinforced Polymer (FRP) Composites in Civil Engineering (CICE), held in Istanbul, Turkey on December 8-10, 2021. It covers a diverse range of topics such as All

*FRP structures; Bond and interfacial stresses;
Concrete-filled FRP tubular members;
Concrete structures reinforced or pre-stressed
with FRP; Confinement; Design
issues/guidelines; Durability and long-term
performance; Fire, impact and blast loading;
FRP as internal reinforcement; Hybrid
structures of FRP and other materials;
Materials and products; Seismic retrofit of
structures; Strengthening of concrete, steel,
masonry and timber structures; and Testing.
The contributions, which were selected by
means of a rigorous international peer-review
process, present a wealth of exciting ideas
that will open novel research directions and
foster multidisciplinary collaboration among
different specialists.
The subject of food security and land issues in
Africa has become one of increased
importance and contention over recent years.
In particular, the focus has shifted to the role
new global South donors - especially India,
China and Brazil - are playing in shaping
African agriculture through their increased
involvement and investment in the continent.
Approaching the topic through the framework
of South-South co-operation, this highly
original volume presents a critical analysis of
the ways in which Chinese, Indian and*

Brazilian engagements in African agriculture are structured and implemented. Do these investments have the potential to create new opportunities to improve local living standards, transfer new technology and knowhow to African producers, and reverse the persistent productivity decline in African agriculture? Or will they simply aggravate the problem of food insecurity by accelerating the process of land alienation and displacement of local people from their land? Topical and comprehensive, Agricultural Development and Food Security in Africa offers fresh insight into a set of relationships that will shape both Africa and the world over the coming decades.
ECIIC 2019 10th European Conference on Intangibles and Intellectual Capital
ICICKM 2013
10th European Conference, ECAL 2009, Budapest, Hungary, September 13-16, 2009, Revised Selected Papers
The Semantic Web – ISWC 2016
Uncertainty Reasoning for the Semantic Web III
Electronic Government
Handbook of Research on Human-Computer Interfaces, Developments, and Applications
The two-volume set LNAI 5777 and LNAI 5778 constitutes the thoroughly refereed post-

conference proceedings of the 10th European Conference, ECAl 2009, held in Budapest, Hungary, in September 2009. The 141 revised full papers presented were carefully reviewed and selected from161 submissions. The papers are organized in topical sections on evolutionary developmental biology and hardware, evolutionary robotics, protocells and prebiotic chemistry, systems biology, artificial chemistry and neuroscience, group selection, ecosystems and evolution, algorithms and evolutionary computation, philosophy and arts, optimization, action, and agent connectivity, and swarm intelligence.

Data science is a multi-disciplinary field that uses scientific methods, processes, algorithms, and systems to extract knowledge and insights from structured (labeled) and unstructured (unlabeled) data. It is the future of Artificial Intelligence (AI) and a necessity of the future to make things easier and more productive. In simple terms, data science is the discovery of data or uncovering hidden patterns (such as complex behaviors, trends, and inferences) from data. Moreover, Big Data analytics/data analytics are the analysis mechanisms used in data science by data scientists. Several tools, such as Hadoop, R, etc., are used to analyze this large amount of data to predict valuable information and for decision-making. Note that structured data can be easily analyzed by efficient (available) business

intelligence tools, while most of the data (80% of data by 2020) is in an unstructured form that requires advanced analytics tools. But while analyzing this data, we face several concerns, such as complexity, scalability, privacy leaks, and trust issues. Data science helps us to extract meaningful information or insights from unstructured or complex or large amounts of data (available or stored virtually in the cloud). Data Science and Data Analytics: Opportunities and Challenges covers all possible areas, applications with arising serious concerns, and challenges in this emerging field in detail with a comparative analysis/taxonomy. FEATURES Gives the concept of data science, tools, and algorithms that exist for many useful applications Provides many challenges and opportunities in data science and data analytics that help researchers to identify research gaps or problems Identifies many areas and uses of data science in the smart era Applies data science to agriculture, healthcare, graph mining, education, security, etc. Academicians, data scientists, and stockbrokers from industry/business will find this book useful for designing optimal strategies to enhance their firm's productivity.
When Nelson Mandela was elected President of South Africa in 1994, the world looked on at the ?miracle? of racial reconciliation that unfolded in South Africa. However, the dream of a ?Rainbow Nation? (in Archbishop Desmond

Tutu?s phrase) seems to be fading, and racial identities seem to be more entrenched than ever. What prospects then for the ?non-racial democracy? envisioned by Mandela and the South African Constitution?This book examines the status and future prospects of non-racialism. It discusses the nature of non-racialism and applies the concept to wider national issues and to questions of identity. The book looks out into South Africa's future and assesses generational changes to the country's handling of non-racialism. This latter point is the main theme in the opening preface by Ahmed Kathrada, jailed with Nelson Mandela, who reminds the reader that there is no easy answer: non-racialism is built every day, every minute, by people who seek to transform social relations and allow the ?Rainbow Nation? to flourish.This book was published as a special issue of Politikon. GRE Physics practice questions with the most complete explanations and step-by-step solutions - guaranteed higher GRE Physics score! . Last updated Jan 8, 2016. "We regularly update and revise the content based on readers' feedback and latest test changes. The most current version is only available directly from Amazon and Barnes & Noble. " . To achieve a GRE Physics score, you need to develop skills to properly apply the knowledge you have and quickly choose the correct answer. You must solve numerous practice questions that represent the style and content of the GRE Physics. This GRE

Physics prep book contains over 1,300 practice questions with detailed explanations and step-by-step solutions. It is the most complete and comprehensive study tool that will teach you how to approach and solve a multitude of physics problems. This book consists of: - 12 diagnostic tests to help you identify your strengths and weaknesses to optimize your preparation strategy - topical practice question sets to drill down on each topic from a variety of angles and formula applications - test-taking strategies to maximize your performance on the test day - sheets of formulae, equations, variables and units to know for each topic --------------------- The practice questions that comprise this book will help you to: - master important GRE Physics topics - assess your knowledge of topics tested on the GRE Physics - improve your test-taking skills - prepare for the test comprehensively and cost effectively --------------------- These practice questions cover the following physics topics tested on the GRE Physics: Kinematics & dynamics Force, motion, gravitation Equilibrium and momentum Work & energy Waves & periodic motion Sound Fluids & solids Light & optics Heat & thermodynamics Atomic & nuclear structure Laboratory methods Enterprise Management Strategies in the Era of Cloud Computing Quantum Computation and Quantum Information 15th International Semantic Web Conference, Kobe, Japan, October 17–21, 2016,

Proceedings, Part I
The Busy Periphery: Urban Systems of the
Balkan and Danube Provinces (2nd – 3rd c. AD)
Agricultural Development and Food Security in
Africa
Data Science and Data Analytics
Proceedings of CICE 2020/2021
Applying methodologies of Software Process Improvement
(SPI) is an effective way for businesses to remain
competitive in the software industry. However, many
organizations find implementing software process
initiatives challenging. Agile Estimation Techniques and
Innovative Approaches to Software Process Improvement
reviews current SPI techniques and applications through
discussions on current and future trends as well as the
presentation of case studies on SPI implementation. Ideal
for use by academics, students, and policy-makers, as well
as industry professionals and managers, this publication
provides a complete overview of current tools and
methodologies regarding Software Process Improvement.
This book gathers selected high-impact articles from the
2nd International Conference on Data Science, Machine
Learning & Applications 2020. It highlights the latest
developments in the areas of artificial intelligence,
machine learning, soft computing, human–computer
interaction and various data science and machine
learning applications. It brings together scientists and
researchers from different universities and industries
around the world to showcase a broad range of
perspectives, practices and technical expertise.

This volume is a selection of papers presented at "Linguists of Tomorrow", the 1st Cyprus Postgraduate Conference in Theoretical and Applied Linguistics, held at the University of Cyprus on 7–8 May 2010. The collection includes nine chapters by postgraduate students of linguistics as well as two illustrious keynote papers by Prof. Barbara Lust and Prof. Thomas McFadden. The topics range from theoretical linguistics (syntax, semantics, morphology, and phonology) to psycholinguistics (first and second language acquisition, language impairments, and language processing) and applied linguistics (bilingualism, dictionaries, writing, and ethnolinguistics). As such, this collection of papers by established as well as up-and-coming researchers will appeal to a wide range of scholars, students and academics alike, interested in current issues in linguistics. Papers from a flagship conference reflect the latest developments in the field, including work in such rapidly advancing areas as human-robot interaction and formal methods. Robotics: Science and Systems VIII spans a wide spectrum of robotics, bringing together contributions from researchers working on the mathematical foundations of robotics, robotics applications, and analysis of robotics systems. This volume presents the proceedings of the eighth annual Robotics: Science and Systems (RSS) conference, held in July 2012 at the University of Sydney. The contributions reflect the exciting diversity of the field, presenting the best, the newest, and the most challenging work on such topics as mechanisms, kinematics, dynamics

and control, human-robot interaction and human-centered systems, distributed systems, mobile systems and mobility, manipulation, field robotics, medical robotics, biological robotics, robot perception, and estimation and learning in robotic systems. The conference and its proceedings reflect not only the tremendous growth of robotics as a discipline but also the desire in the robotics community for a flagship event at which the best of the research in the field can be presented.

E-Learning Paradigms and Applications

New Contributions in Information Systems and Technologies

10th International Workshop, IWDW 2011, Atlantic City, NJ, USA, October 23-26, 2011, Revised Selected Papers

Science and Systems VIII

10th International Conference on FRP Composites in Civil Engineering

14th International Conference, SPICE 2014, Vilnius, Lithuania, November 4-6, 2014. Proceedings

Travels with Charley in Search of America

This book reconstructs the urban geography of the Balkan and Danube provinces during the Severan dynasty, mapping the variable developments of the urban network between and within the sub-regions of that part of the Roman Empire. It examines the role of the town in Roman provincial society, and the prerequisites for their emergence and prosperity.

Teaching and learning paradigms have attracted increased attention especially in the last decade. Immense developments of different ICT technologies and services have paved the way for alternative but effective approaches in educational processes. Many concepts of the agent technology, such as intelligence, autonomy and cooperation, have had a direct positive impact on many of the requests imposed on modern e-learning systems and educational processes. This book presents the state-of-the-art of e-learning and tutoring systems and discusses their capabilities and benefits that stem from integrating software agents. We hope that the presented work will be of a great use to our colleagues and researchers interested in the e-learning and agent technology.

Nowadays, numerical computation has become one of the most vigorous tools for scientists, researchers and professional engineers, following the enormous progress made during the last decades in computing technology, in terms of both computer hardware and software development. Although this has led to tremendous achievements in computer-based structural engineering, the increasing necessity of solving complex problems in engineering

requires the development of new ideas and innovative methods for providing accurate numerical solutions in affordable computing times. This collection aims at providing a forum for the presentation and discussion of state-of-the-art innovative developments, concepts, methodologies and approaches in scientific computation applied to structural engineering. It involves a wide coverage of timely issues on computational structural engineering with a broad range of both research and advanced practical applications. This Research Topic encompasses, but is not restricted to, the following scientific areas: modeling in structural engineering; finite element methods; boundary element methods; static and dynamic analysis of structures; structural stability; structural mechanics; meshless methods; smart structures and systems; fire engineering; blast engineering; structural reliability; structural health monitoring and control; optimization; and composite materials, with application to engineering structures.

Sandwich structures are an economically and structurally efficient way of designing large integral composite parts. In the aerospace industry pre-impregnated face sheets and honeycomb core structures

can be considered as industry standard while e.g. naval structures and wind turbine blades typically use vacuum infusion technology with polymer foam cores. Application of the less costly infusion technology in the aeronautical industry requires a thorough understanding of the damage tolerance including low velocity impact as a frequent source of damaging events. At low impact energies damage in composite foam core sandwich structures is limited to core crushing and local face sheet delaminations. Higher impact energies may initiate the competing failure modes face sheet rupture and core shear failure depending on impact, geometric and material parameters. Face sheet rupture leads to severe local damage with typically good visibility, while core shear failure leads to cracks and rear face sheet debonding of the foam core with less visibility. This work investigates the low velocity impact response of sandwich structures with carbon fiber reinforced plastic (CFRP) face sheets and a polymeric foam core using experiments at room temperature and at −55° Celsius. An analytically derived failure mode map is presented as a simple tool for design guidelines while the explicit finite element method is applied for a more

detailed description of the sandwich impact process. Both models are used to analyze the impact response and describe relevant sensitivity parameters of sandwich structures.
Microstructure and Properties of Ductile Iron and Compacted Graphite Iron Castings
10th International Symposium, IDA 2011, Porto, Portugal, October 29-31, 2011, Proceedings
Analysis of the mechanical response of impact loaded composite sandwich structures with focus on foam core shear failure
(Penguin Classics Deluxe Edition)
10th International Conference, EGOV 2011, Delft, The Netherlands, August 29 -- September 1, 2011, Proceedings
Innovative Approaches in Computational Structural Engineering
Robotics

This book constitutes the refereed proceedings of the 10th International Conference, EGOV 2011, held in Delft, The Netherlands, in August/September 2011. The 38 revised full papers presented were carefully reviewed and selected from 84 submissions. The papers are organized in topical sections on foundations, acceptance and diffusion, governance, openness and institutions, architecture, security and interoperability, transformation, values and

change.
The deaths in and around Dunmanway in 1922
have always been shrouded in rumour and
supposition. This book seeks to get to the
bottom of them. One thing is certain: Captain
Herbert Woods shot Commandant Michael O'Neill
of the IRA on the stairs of Ballygroman House at
2.30a.m. on the 26th April and killed him. Who
was Herbert Woods and why did shoot an
unarmed man? Who was Michael O'Neill and
what was he doing inside the house at that hour
of the morning? What connection had this event
to the killing of ten Protestants in West Cork
over the next three nights? Are they connected
with the killing of four British soldiers in
Macroom on the same day? What was the effect
on the local Protestant minority? What happened
after Herbert Woods and his Hornibrook relations
were arrested by the Irish Republican Police and
disappeared? This book attempts to answer all
these questions. Using previously overlooked
evidence it proves that the real story is a simple
one of revenge. It directly challenges claims of
sectarianism and British involvement presenting
a true story of these appalling events.
This book contains a selection of articles from
The 2015 World Conference on Information
Systems and Technologies (WorldCIST'15), held
between the 1st and 3rd of April in Funchal,
Madeira, Portugal, a global forum for researchers
and practitioners to present and discuss recent

results and innovations, current trends, professional experiences and challenges of modern Information Systems and Technologies research, technological development and applications. The main topics covered are: Information and Knowledge Management; Organizational Models and Information Systems; Intelligent and Decision Support Systems; Big Data Analytics and Applications; Software Systems, Architectures, Applications and Tools; Multimedia Systems and Applications; Computer Networks, Mobility and Pervasive Systems; Human-Computer Interaction; Health Informatics; Information Technologies in Education; Information Technologies in Radio communications.

Recent advances in internet architecture have led to the advent and subsequent explosion of cloud computing technologies, providing businesses with a powerful toolbox of collaborative digital resources. These technologies have fostered a more flexible, decentralized approach to IT infrastructure, enabling businesses to operate in a more agile fashion and on a globalized scale. Enterprise Management Strategies in the Era of Cloud Computing seeks to explore the possibilities of business in the cloud. Targeting an audience of research scholars, students, software developers, and business professionals, this premier reference source provides a cutting-

edge look at the exciting and multifaceted
relationships between cloud computing, software
virtualization, collaborative technology, and
business infrastructure in the 21st Century.
Mining of Massive Datasets
Field Book for Describing and Sampling Soils
Non-racialism in South Africa
Agent-based Approach
The Routledge Handbook of Mass Media Ethics
Advances in Artificial Life
Distributed Data Fusion for Network-Centric
Operations

**ADDICTION TREATMENT covers the biological,
psychological, and social aspects of alcoholism, eating
disorders, compulsive gambling, and other addictions.
As symbolized by the image on the book's cover, the
authors bridge the gap between the popular twelve-
step and harm-reduction approaches, thus
illuminating how practitioners can guide clients down
a trusted path that is tailored towards the client's
particular needs. Through a number of first-person
narratives about the experience of addiction, you will
discover a realism and depth not commonly found in
textbooks. In addition, the authors include topics such
as the case against so-called underage drinking laws,
that will draw you into the material and illustrate the
importance of reducing harm within the
biopsychological framework that ties the text together.
Important Notice: Media content referenced within
the product description or the product text may not be**

available in the ebook version.
This book is a printed edition of the Special Issue 2Grand Celebration: 10th Anniversary of the Human Genome Project" that was published in Genes
This book contains revised and significantly extended versions of selected papers from three workshops on Uncertainty Reasoning for the Semantic Web (URSW), held at the International Semantic Web Conferences (ISWC) in 2011, 2012, and 2013. The 16 papers presented were carefully reviewed and selected from numerous submissions. The papers included in this volume are organized in topical sections on probabilistic and Dempster-Shafer models, fuzzy and possibilistic models, inductive reasoning and machine learning, and hybrid approaches.
The two-volume set LNCS 9981 and 9982 constitutes the refereed proceedings of the 15th International Semantic Web Conference, ISWC 2016, which was held in Kobe, Japan, in October 2016. The 75 full papers presented in these proceedings were carefully reviewed and selected from 326 submissions. The International Semantic Web Conference is the premier forum for Semantic Web research, where cutting edge scientific results and technological innovations are presented, where problems and solutions are discussed, and where the future of this vision is being developed. It brings together specialists in fields such as artificial intelligence, databases, social networks, distributed computing, Web engineering, information

systems, human-computer interaction, natural language processing, and the social sciences. The Research Track solicited novel and significant research contributions addressing theoretical, analytical, empirical, and practical aspects of the Semantic Web. The Applications Track solicited submissions exploring the benefits and challenges of applying semantic technologies in concrete, practical applications, in contexts ranging from industry to government and science. The newly introduced Resources Track sought submissions providing a concise and clear description of a resource and its (expected) usage. Traditional resources include ontologies, vocabularies, datasets, benchmarks and replication studies, services and software. Besides more established types of resources, the track solicited submissions of new types of resources such as ontology design patterns, crowdsourcing task designs, workflows, methodologies, and protocols and measures.
The Effects of Mold Sand/Metal Interface Phenomena ISWC International Workshops, URSW 2011-2013, Revised Selected Papers

High Yield GRE Physics Questions with Detailed Explanations
Advances in Intelligent Data Analysis X
Objective General Knowledge Chapterwise Collection of 2750 + Question

Opportunities and Challenges

This book constitutes the refereed proceedings of the 1Oth International Conference on Flexible Query Answering Systems, FQAS 2O13, held in Granada, Spain, in September 2O13. The 59 full papers included in this volume were carefully reviewed and selected from numerous submissions. The papers are organized in a general session train and a parallel special session track. The general session train covers the following topics: querying-answering systems; semantic technology; patterns and classification; personalization and recommender systems; searching and ranking; and Web and human-computer interaction. The special track covers some specific and, typically, newer fields, namely: environmental scanning for strategic early warning; generating linguistic descriptions of data; advances in fuzzy querying and fuzzy databases: theory and applications; fusion and ensemble techniques for online learning on data streams; and intelligent information extraction from texts.
The first truly systematic, multi-disciplinary, and cross-linguistic study of the language and writing system factors affecting the emergence of dyslexia.
1. The entire syllabus has been divided into sections 2. Questions covered in the book contains answers side by side 3. Provides Recent Years' General Studies questions & 4. Authentic and detailed solution have been given as per latest pattern 5.

Each chapter contains variety of questions designed on the line of syllabus In order to crack the hard of the competitions one is required have a vigorous preparations and practice of the subjects. Bringing you the updated edition of the "14OOO Objective Questions on General Studies" a compendium of objective questions which will significantly improve the knowledge of the aspiring students. This Question Bank focuses on Indian History & Culture, India & World Geography (Env. & Eco), Indian Polity, Indian Economy, General Science, Science & Technology, General Knowledge and Current Affairs , and every section is divided into sub sections. As the title suggest, it contains more than 275O objective questions covering General Studies subject. With authentic and detailed answers to the questions, aspirants get an insight into the recent examination pattern and the types of questions asked therein. The book is the best preparation material for general studies for UPSC (CSAT), State PCS, CDS, NDA, etc. TOC Indian History, Geography, Indian Polity, Indian Economy, General Science, General Knowledge.
This book provides an overview of the surface effects at the interface boundary of metal/sand moulds, and their influence on the surface quality, microstructure and mechanical and anticorrosive properties of high-quality cast iron. It explores utilitarian aspects of the production of high-quality

cast iron castings, including thin-walled castings of high-quality cast iron alloys, and examines problems related to the determination of moulding sands and reclaim quality, and their influence on castings. Presenting new material, this book takes into account the influence of metal quality, pouring temperature, solidification time, the quality of moulding sand with the reclaim application, as well the binders of moulding sands, on the formation of the degenerated graphite near surface layers. It also employs the latest research methods, such as a wavelength-dispersive spectrometer (WDS) analysis and thermodynamic calculations, which were carried out on the reactions occurring in the study area. Providing a valuable resource to academics and researchers interested in materials science, metal casting and metallurgy, this book is also intended for metal industry professionals.

Grand Celebration: 1Oth Anniversary of the Human Genome Project

Agile Estimation Techniques and Innovative Approaches to Software Process Improvement

Proceedings of the 1Oth International Conference on Intellectual Capital, knowledge Management and Organisational Learning

Selected Papers from the 1st Cyprus Postgraduate Student Conference in Theoretical and Applied Linguistics

ICDSMLA 2O2O

Digital Forensics and Watermarking
Sterling Test Prep GRE Physics Practice Questions
An intimate journey across and in search of America, as told by one of its most beloved writers, in a deluxe centennial edition In September 1960, John Steinbeck embarked on a journey across America. He felt that he might have lost touch with the country, with its speech, the smell of its grass and trees, its color and quality of light, the pulse of its people. To reassure himself, he set out on a voyage of rediscovery of the American identity, accompanied by a distinguished French poodle named Charley; and riding in a three-quarter-ton pickup truck named Rocinante. His course took him through almost forty states: northward from Long Island to Maine; through the Midwest to Chicago; onward by way of Minnesota, North Dakota, Montana (with which he fell in love), and Idaho to Seattle, south to San Francisco and his birthplace, Salinas; eastward through the Mojave, New Mexico, Arizona, to the vast hospitality of Texas, to New Orleans and a shocking drama of desegregation; finally, on the last

leg, through Alabama, Virginia, Pennsylvania, and New Jersey to New York. Travels with Charley in Search of America is an intimate look at one of America's most beloved writers in the later years of his life—a self-portrait of a man who never wrote an explicit autobiography. Written during a time of upheaval and racial tension in the South—which Steinbeck witnessed firsthand—Travels with Charley is a stunning evocation of America on the eve of a tumultuous decade. This Penguin Classics Deluxe Edition also features French flaps and deckle-edged paper. For more than sixty-five years, Penguin has been the leading publisher of classic literature in the English-speaking world. With more than 1,500 titles, Penguin Classics represents a global bookshelf of the best works throughout history and across genres and disciplines. Readers trust the series to provide authoritative texts enhanced by introductions and notes by distinguished scholars and contemporary authors, as well as up-to-date translations by award-winning translators. From the Trade Paperback

edition.

FLINS, originally an acronym for Fuzzy Logic and Intelligent Technologies in Nuclear Science, is now extended to Computational Intelligence for applied research. The contributions to the 10th of FLINS conference cover state-of-the-art research, development, and technology for computational intelligence systems, both from the foundations and the applications points-of-view.

Now in its second edition, this book focuses on practical algorithms for mining data from even the largest datasets.

This book constitutes the refereed proceedings of the 14th International Conference on Software Process Improvement and Capability Determination, SPICE 2014, held in Vilnius, Lithuania, in November 2014. The 21 revised full papers presented together with 6 short papers were carefully reviewed and selected from 49 submissions. The papers are organized in topical sections on developing process models for assessment; software process and models; software models and

product lines; assessment; agile processes; processes improvement and VSE.

Flexible Query Answering Systems

Developmental Dyslexia across Languages and Writing Systems

10th International Conference, FQAS 2013, Granada, Spain, September 18-20, 2013. Proceedings

Software Process Improvement and Capability Determination

The Impact of Chinese, Indian and Brazilian Investments

With the recent proliferation of service-oriented architectures (SOA), cloud computing technologies, and distributed-interconnected systems, distributed fusion is taking on a larger role in a variety of applications—from environmental monitoring and crisis management to intelligent buildings and defense. Drawing on the work of leading experts around the world, Distributed Data Fusion for Network-Centric Operations examines the state of the art of data fusion in a distributed sensing, communications, and computing environment. Get Insight into Designing and Implementing Data Fusion in a Distributed Network Addressing the entirety of information fusion, the contributors cover everything from signal and image processing, through estimation, to

situation awareness. In particular, the work offers a timely look at the issues and solutions involving fusion within a distributed network enterprise. These include critical design problems, such as how to maintain a pedigree of agents or nodes that receive information, provide their contribution to the dataset, and pass to other network components. The book also tackles dynamic data sharing within a network-centric enterprise, distributed fusion effects on state estimation, graph-theoretic methods to optimize fusion performance, human engineering factors, and computer ontologies for higher levels of situation assessment. A comprehensive introduction to this emerging field and its challenges, the book explores how data fusion can be used within grid, distributed, and cloud computing architectures. Bringing together both theoretical and applied research perspectives, this is a valuable reference for fusion researchers and practitioners. It offers guidance and insight for those working on the complex issues of designing and implementing distributed, decentralized information fusion.