Ocr C3 June 2013 Question Paper Solomon

Evolutionary ComputationNew Perspectives in Information Systems and TechnologiesCore Mathematics C3Industry 4.0 for SMEsA Level MathsOptical Character RecognitionCore Mathematics 2AS ICT for OCRRelevant Chemistry EducationSeeing the Past with ComputersIntroduction to Natural Language ProcessingDual Language EducationA Glossary of Archival and Records TerminologyVirgil, Aeneid 11 (Pallas & Camilla), 1–224, 498–521, 532–96, 648–89, 725–835.Story in Children's Lives: Contributions of the Narrative Mode to Early Childhood Development, Literacy, and LearningInformatics and NursingMy Revision Notes: Edexcel International GCSE (9–1) ChemistrySpeech & Language ProcessingPublic Health Ethics: Cases Spanning the GlobeInnovative Security Solutions for Information Technology and CommunicationsCyberresearch on the Ancient Near East and Neighboring RegionsInformation and Communication Technologies in Tourism 2020Principles of Microeconomics 2eArtificial Neural Networks in Pattern RecognitionGeometryDeveloping a 21st Century Global Library for Mathematics ResearchCrossing Numbers of GraphsFinancial Cryptography and Data SecurityFundamentals of Computer Programming with C#Intelligent InformaticsHerbicidesThe Mythical Man-monthTechno-Societal 2018Recent Advances on Soft Computing and Data MiningApplied Computational Intelligence and Mathematical MethodsPassive Nondestructive Assay of Nuclear MaterialsEvaluation to Improve LearningThe School-To-Prison PipelineHuman

Language Technology. Challenges for Computer Science and LinguisticsPerspectives on Earthquake Geotechnical Engineering

Evolutionary Computation

The orderly Sweet-Williams are dismayed at their son's fondness for the messy pastime of gardening.

New Perspectives in Information Systems and Technologies

This is the first truly comprehensive assessment of the “school-to-prison pipeline”—the increased risk for certain individuals, disproportionately from minority and impoverished communities, to end up ensnared in the criminal justice system because of excessively punitive disciplinary policies in schools. Written by one of the foremost experts on this topic, the book examines school disciplinary policies and juvenile justice policies that contribute to the pipeline, describes its impact on targeted, both intentionally and unintentionally, children and adolescents, and recommends a more supportive and rehabilitative model that challenges the criminalization of education and punitive juvenile justice.

Core Mathematics C3

Principles of Microeconomics 2e covers the scope and sequence of most introductory microeconomics courses. The text includes many current examples, which are handled in a politically equitable way. The outcome is a balanced approach to the theory and application of economics concepts. The second edition has been thoroughly revised to increase clarity, update data and current event impacts, and incorporate the feedback from many reviewers and adopters. The text and images in this book are grayscale. The first (previous) edition of Principles of Microeconomics via OpenStax is available via ISBN 9781680920093.

Industry 4.0 for SMEs

Intended to provide the basic foundation for modern archival practice and theory.

A Level Maths

This book is aimed at chemistry teachers, teacher educators, chemistry education researchers, and all those who are interested in increasing the relevance of chemistry teaching and learning as well as students' perception of it. The book consists of 20 chapters. Each chapter focuses on a certain issue related to the relevance of chemistry education. These chapters are based on a recently suggested model of the relevance of science education, encompassing individual,

societal, and vocational relevance, its present and future implications, as well as its intrinsic and extrinsic aspects. “Two highly distinguished chemical educators, Ingo Eilks and AviHofstein, have brought together 40 internationally renowned colleagues from 16 countries to offer an authoritative view of chemistry teaching today. Between them, the authors, in 20 chapters, give an exceptional description of the current state of chemical education and signpost the future in both research and in the classroom. There is special emphasis on the many attempts to enthuse students with an understanding of the central science, chemistry, which will be helped by having an appreciation of the role of the science in today’s world. Themes which transcend all education such as collaborative work, communication skills, attitudes, inquiry learning and teaching, and problem solving are covered in detail and used in the context of teaching modern chemistry. The book is divided into four parts which describe the individual, the societal, the vocational and economic, and the non-formal dimensions and the editors bring all the disparate leads into a coherent narrative, that will be highly satisfying to experienced and new researchers and to teachers with the daunting task of teaching such an intellectually demanding subject. Just a brief glance at the index and the references will convince anyone interested in chemical education that this book is well worth studying; it is scholarly and readable and has tackled the most important issues in chemical education today and in the foreseeable future.” – Professor David Waddington, Emeritus Professor in Chemistry Education, University of York, United Kingdom

Optical Character Recognition

The book discusses real-world problems and exploratory research in computational intelligence and mathematical models. It brings new approaches and methods to real-world problems and exploratory research that describes novel approaches in the mathematical methods, computational intelligence methods and software engineering in the scope of the intelligent systems. This book constitutes the refereed proceedings of the Computational Methods in Systems and Software 2017, a conference that provided an international forum for the discussion of the latest high-quality research results in all areas related to computational methods, statistics, cybernetics and software engineering.

Core Mathematics 2

AS ICT for OCR

Target success in Edexcel International GCSE Chemistry with this proven formula for effective, structured revision; key content coverage is combined with exam-style tasks and practical tips to create a revision guide that students can rely on to review, strengthen and test their knowledge. - Plan and manage a successful

revision programme using the topic-by-topic planner - Consolidate subject knowledge by working through clear and focused content coverage - Test understanding and identify areas for improvement with regular 'Now Test Yourself' tasks and answers - Improve exam technique through practice questions, expert tips and examples of typical mistakes to avoid - Get exam ready with extra quick quizzes and answers to the practice questions available online

Relevant Chemistry Education

This book constitutes the refereed proceedings of the 6th Language and Technology Conference: Challenges for Computer Science and Linguistics, LTC 2013, held in Poznań, Poland, in December 2013. The 31 revised and in many cases substantially extended papers presented in this volume were carefully reviewed and selected from 103 submissions.The papers selected to this volume belong to various fields of Human Language Technologies and illustrate a large thematic coverage of the LTC conferences. To make the presentation of the papers possibly transparent we have “structured” them into 9 chapters. These are: Speech Processing, Morphology, Parsing Related Issues, Computational Semantics, Digital Language Resources, Ontologies and Wordnets, Written Text and Document Processing, Information and Data Extraction, and Less-Resourced Languages.

Seeing the Past with Computers

Edited by professionals with years of experience, this book provides an introduction to the theory of evolutionary algorithms and single- and multi-objective optimization, and then goes on to discuss to explore applications of evolutionary algorithms for many uses with real-world applications. Covering both the theory and applications of evolutionary computation, the book offers exhaustive coverage of several topics on nontraditional evolutionary techniques, details working principles of new and popular evolutionary algorithms, and discusses case studies on both scientific and real-world applications of optimization

Introduction to Natural Language Processing

This book provides an introduction to data science and offers a practical overview of the concepts and techniques that readers need to get the most out of their large-scale data mining projects and research studies. It discusses data-analytical thinking, which is essential to extract useful knowledge and obtain commercial value from the data. Also known as data-driven science, soft computing and data mining disciplines cover a broad interdisciplinary range of scientific methods and processes. The book provides readers with sufficient knowledge to tackle a wide range of issues in complex systems, bringing together the scopes that integrate

soft computing and data mining in various combinations of applications and practices, since to thrive in these data-driven ecosystems, researchers, data analysts and practitioners must understand the design choice and options of these approaches. This book helps readers to solve complex benchmark problems and to better appreciate the concepts, tools and techniques used.

Dual Language Education

This book, divided in two volumes, originates from Techno-Societal 2018: the 2nd 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 is on technologies that help develop and improve society, in particular on issues such as the betterment of differently abled people, environment impact, livelihood, rural employment, agriculture, healthcare, energy, transport, sanitation, water, education. 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.

A Glossary of Archival and Records Terminology

This book constitutes the thoroughly refereed proceedings of the 11th International Conference on Security for Information Technology and Communications, SecITC 2018, held in Bucharest, Romania, in November 2018. The 35 revised full papers presented together with 3 invited talks were carefully reviewed and selected from 70 submissions. The papers present advances in the theory, design, implementation, analysis, verification, or evaluation of secure systems and algorithms.

Virgil, Aeneid 11 (Pallas & Camilla), 1–224, 498–521, 532–96, 648–89, 725–835.

This book is based on the power of stories to support children in all areas of their lives. It examines the role narratives can play in encouraging growth in contexts and domains such as personal and family identity, creative movement, memory and self-concept, social relationships, or developing a sense of humor. Each chapter describes innovative and research-based applications of narratives such as movement stories, visual narratives to develop historical thinking, multimodal

storytelling, bibliotherapy, mathematics stories, family stories, and social narratives. The chapters elaborate on the strength of narratives in supporting the whole child in diverse contexts from young children on the autism spectrum improving their social skills at school, to four- and five-year-olds developing historical thinking, to children who are refugees or asylum-seekers dealing with uncertainty and loss. Written by accomplished teachers, researchers, specialists, teaching artists and teacher educators from several countries and backgrounds, the book fills a gap in the literature on narratives. “this work delves into the topic of narratives in young children’s lives with a breadth of topics and depth of study not found elsewhere.” “Collectively, the insights of the contributors build a convincing case for emphasizing story across the various disciplines and developmental domains of the early childhood years.” “The writing style is scholarly, yet accessible. Authors used a wide array of visual material to make their points clearer and show the reader what meaningful uses of story “look like”.” Mary Renck Jalongo, Journal and Book Series Editor Springer Indiana, PA, USA

Story in Children's Lives: Contributions of the Narrative Mode to Early Childhood Development, Literacy, and Learning

As optical character recognition (OCR) begins to find applications ranging from store checkout scanners to money-changing machines and postal system

automation, it has become one of the most dynamic areas in information science today. Yet few volumes explore this data-oriented process without relying heavily on mathematical background reading. Now, Shunji Mori, Hirobumi Nishida, and Hiromitsu Yamada, among the field's most respected researchers since its inception, present this self-contained, clearly written guidebook to OCR--the first comprehensive treatment of the preprocessing, feature-extraction, and systematic description-matching stages of the OCR process. Including a wealth of original research material available here for the first time, this book is both an ideal professional reference source and an excellent entry point for course work in the subject. Key features of Optical Character Recognition: * Theoretical framework based on functional analysis--not previously available in a detailed, English-language version * Extensive explanation of preprocessing theory, including blurring and sampling, normalization, thinning, and binary and gray-scale morphology * Intensive section on feature extraction, exploring linear methods, structure analysis, and algebraic description * Original work on systematic shape description as a prerequisite to matching * Original material on elastic matching, including image recognition of characters and objects * Requires only the standard undergraduate requisites of algebra, linear algebra, and advanced calculus

Informatics and Nursing

A dead boy (Pallas) and the death of a girl (Camilla) loom over the opening and the

closing part of the eleventh book of the Aeneid. Following the savage slaughter in Aeneid 10, the book opens in a mournful mood as the warring parties revisit yesterday's killing fields to attend to their dead. One casualty in particular commands attention: Aeneas' protégé Pallas, killed and despoiled by Turnus in the previous book. His death plunges his father Evander and his surrogate father Aeneas into heart-rending despair – and helps set up the foundational act of sacrificial brutality that caps the poem, when Aeneas seeks to avenge Pallas by slaying Turnus in wrathful fury. Turnus' departure from the living is prefigured by that of his ally Camilla, a maiden schooled in the martial arts, who sets the mold for warrior princesses such as Xena and Wonder Woman. In the final third of Aeneid 11, she wreaks havoc not just on the battlefield but on gender stereotypes and the conventions of the epic genre, before she too succumbs to a premature death. In the portions of the book selected for discussion here, Virgil offers some of his most emotive (and disturbing) meditations on the tragic nature of human existence – but also knows how to lighten the mood with a bit of drag. This course book offers the original Latin text, vocabulary aids, study questions, and an extensive commentary. Designed to stretch and stimulate readers, Ingo Gildenhard's volume will be of particular interest to students of Latin studying for A-Level or on undergraduate courses. It extends beyond detailed linguistic analysis to encourage critical engagement with Virgil's poetry and the most recent scholarly thought. King's College, Cambridge, has generously contributed to this publication.

My Revision Notes: Edexcel International GCSE (9–1) Chemistry

This book constitutes the thoroughly refereed post-conference proceedings of the first International Symposium on Intelligent Informatics (ISI'12) held in Chennai, India during August 4-5, 2012. The 54 revised papers presented were carefully reviewed and selected from 165 initial submissions. The papers are organized in topical sections on data mining, clustering and intelligent information systems, multi agent systems, pattern recognition, signal and image processing and, computer networks and distributed systems. The book is directed to the researchers and scientists engaged in various fields of intelligent informatics.

Speech & Language Processing

This open access book explores the concept of Industry 4.0, which presents a considerable challenge for the production and service sectors. While digitization initiatives are usually integrated into the central corporate strategy of larger companies, smaller firms often have problems putting Industry 4.0 paradigms into practice. Small and medium-sized enterprises (SMEs) possess neither the human nor financial resources to systematically investigate the potential and risks of introducing Industry 4.0. Addressing this obstacle, the international team of authors focuses on the development of smart manufacturing concepts, logistics

solutions and managerial models specifically for SMEs. Aiming to provide methodological frameworks and pilot solutions for SMEs during their digital transformation, this innovative and timely book will be of great use to scholars researching technology management, digitization and small business, as well as practitioners within manufacturing companies.

Public Health Ethics: Cases Spanning the Globe

This Student's Book is endorsed by OCR and has been written by a team comprising the OCR principal examiners. The book takes students through the requirements of OCR's 2000 AS specification and provides practice examination-style questions for every chapter.

Innovative Security Solutions for Information Technology and Communications

Easing the transition from GCSE to AS level, this textbook meets the 2004 Edexcel specifications and provides numerous worked examples and solutions to aid understanding of key concepts.

Cyberresearch on the Ancient Near East and Neighboring

Regions

Like most areas of scholarship, mathematics is a cumulative discipline: new research is reliant on well-organized and well-curated literature. Because of the precise definitions and structures within mathematics, today's information technologies and machine learning tools provide an opportunity to further organize and enhance discoverability of the mathematics literature in new ways, with the potential to significantly facilitate mathematics research and learning. Opportunities exist to enhance discoverability directly via new technologies and also by using technology to capture important interactions between mathematicians and the literature for later sharing and reuse. Developing a 21st Century Global Library for Mathematics Research discusses how information about what the mathematical literature contains can be formalized and made easier to express, encode, and explore. Many of the tools necessary to make this information system a reality will require much more than indexing and will instead depend on community input paired with machine learning, where mathematicians' expertise can fill the gaps of automatization. This report proposes the establishment of an organization; the development of a set of platforms, tools, and services; the deployment of an ongoing applied research program to complement the development work; and the mobilization and coordination of the mathematical community to take the first steps toward these capabilities. The report recommends building on the extensive work done by many dedicated individuals

under the rubric of the World Digital Mathematical Library, as well as many other community initiatives. Developing a 21st Century Global Library for Mathematics envisions a combination of machine learning methods and community-based editorial effort that makes a significantly greater portion of the information and knowledge in the global mathematical corpus available to researchers as linked open data through a central organizational entity-referred to in the report as the Digital Mathematics Library. This report describes how such a library might operate - discussing development and research needs, role in facilitating discover and interaction, and establishing partnerships with publishers.

Information and Communication Technologies in Tourism 2020

Dual language education is a program that combines language minority and language majority students for instruction through two languages. This book provides the conceptual background for the program and discusses major implementation issues. Research findings summarize language proficiency and achievement outcomes from 8000 students at 20 schools, along with teacher and parent attitudes.

Principles of Microeconomics 2e

This Open Access book highlights the ethical issues and dilemmas that arise in the practice of public health. It is also a tool to support instruction, debate, and dialogue regarding public health ethics. Although the practice of public health has always included consideration of ethical issues, the field of public health ethics as a discipline is a relatively new and emerging area. There are few practical training resources for public health practitioners, especially resources which include discussion of realistic cases which are likely to arise in the practice of public health. This work discusses these issues on a case to case basis and helps create awareness and understanding of the ethics of public health care. The main audience for the casebook is public health practitioners, including front-line workers, field epidemiology trainers and trainees, managers, planners, and decision makers who have an interest in learning about how to integrate ethical analysis into their day to day public health practice. The casebook is also useful to schools of public health and public health students as well as to academic ethicists who can use the book to teach public health ethics and distinguish it from clinical and research ethics.

Artificial Neural Networks in Pattern Recognition

Surveys the various techniques that can be used to evaluate students' learning, including summative, diagnostic, and formative approaches and the assessment of specific skills

Geometry

This study aid contains all the key information that students need to succeed in their Edexcel A2 Maths Core 4 module. Clear explanations and worked examples are accompanied by Essential notes and Exam tips. Find practice exam questions with fully worked answers, as well as guidance from examiners on securing top marks. Collins Student Support Materials for Edexcel A2 Maths Core 4 covers all the content and skills your students will need for their Core 4 examination, including: * Algebra and functions * Coordinate geometry in the (x, y) plane * Trigonometry * Exponentials and logarithms * Sequences and series * Differentiation * Integration * Vectors * EXAM PRACTICE * Answers

Developing a 21st Century Global Library for Mathematics Research

Crossing Numbers of Graphs

This book constitutes the thoroughly refereed post-conference proceedings of the 18th International Conference on Financial Cryptography and Data Security (FC 2014), held in Christ Church, Barbados, in March 2014. The 19 revised full papers

and 12 short papers were carefully selected and reviewed from 165 abstract registrations and 138 full papers submissions. The papers are grouped in the following topical sections: payment systems, case studies, cloud and virtualization, elliptic curve cryptography, privacy-preserving systems, authentication and visual encryption, network security, mobile system security, incentives, game theory and risk, and bitcoin anonymity.

Financial Cryptography and Data Security

The free book "Fundamentals of Computer Programming with C#" is a comprehensive computer programming tutorial that teaches programming, logical thinking, data structures and algorithms, problem solving and high quality code with lots of examples in C#. It starts with the first steps in programming and software development like variables, data types, conditional statements, loops and arrays and continues with other basic topics like methods, numeral systems, strings and string processing, exceptions, classes and objects. After the basics this fundamental programming book enters into more advanced programming topics like recursion, data structures (lists, trees, hash-tables and graphs), high-quality code, unit testing and refactoring, object-oriented principles (inheritance, abstraction, encapsulation and polymorphism) and their implementation the C# language. It also covers fundamental topics that each good developer should know like algorithm design, complexity of algorithms and problem solving. The book uses

C# language and Visual Studio to illustrate the programming concepts and explains some C# / .NET specific technologies like lambda expressions, extension methods and LINQ. The book is written by a team of developers lead by Svetlin Nakov who has 20+ years practical software development experience. It teaches the major programming concepts and way of thinking needed to become a good software engineer and the C# language in the meantime. It is a great start for anyone who wants to become a skillful software engineer. The books does not teach technologies like databases, mobile and web development, but shows the true way to master the basics of programming regardless of the languages, technologies and tools. It is good for beginners and intermediate developers who want to put a solid base for a successful career in the software engineering industry. The book is accompanied by free video lessons, presentation slides and mind maps, as well as hundreds of exercises and live examples. Download the free C# programming book, videos, presentations and other resources from http://introprogramming.info. Title: Fundamentals of Computer Programming with C# (The Bulgarian C# Programming Book) ISBN: 9789544007737 ISBN-13: 978-954-400-773-7 (9789544007737) ISBN-10: 954-400-773-3 (9544007733) Author: Svetlin Nakov & Co. Pages: 1132 Language: English Published: Sofia, 2013 Publisher: Faber Publishing, Bulgaria Web site: http://www.introprogramming.info License: CC-Attribution-Share-Alike Tags: free, programming, book, computer programming, programming fundamentals, ebook, book programming, C#, CSharp, C# book, tutorial, C# tutorial; programming concepts, programming

fundamentals, compiler, Visual Studio, .NET, .NET Framework, data types, variables, expressions, statements, console, conditional statements, control-flow logic, loops, arrays, numeral systems, methods, strings, text processing, StringBuilder, exceptions, exception handling, stack trace, streams, files, text files, linear data structures, list, linked list, stack, queue, tree, balanced tree, graph, depth-first search, DFS, breadth-first search, BFS, dictionaries, hash tables, associative arrays, sets, algorithms, sorting algorithm, searching algorithms, recursion, combinatorial algorithms, algorithm complexity, OOP, object-oriented programming, classes, objects, constructors, fields, properties, static members, abstraction, interfaces, encapsulation, inheritance, virtual methods, polymorphism, cohesion, coupling, enumerations, generics, namespaces, UML, design patterns, extension methods, anonymous types, lambda expressions, LINQ, code quality, high-quality code, high-quality classes, high-quality methods, code formatting, self-documenting code, code refactoring, problem solving, problem solving methodology, 9789544007737, 9544007733

Fundamentals of Computer Programming with C#

Crossing Numbers of Graphs is the first book devoted to the crossing number, an increasingly popular object of study with surprising connections. The field has matured into a large body of work, which includes identifiable core results and techniques. The book presents a wide variety of ideas and techniques in

topological graph theory, discrete geometry, and computer science. The first part of the text deals with traditional crossing number, crossing number values, crossing lemma, related parameters, computational complexity, and algorithms. The second part includes the rich history of alternative crossing numbers, the rectilinear crossing number, the pair crossing number, and the independent odd crossing number.It also includes applications of the crossing number outside topological graph theory. Aimed at graduate students and professionals in both mathematics and computer science The first book of its kind devoted to the topic Authored by a noted authority in crossing numbers

Intelligent Informatics

Herbicides

Herbicide use is a common component of many weed management strategies in both agricultural and non-crop settings. However, herbicide use practices and recommendations are continuously updated and revised to provide control of ever-changing weed compositions and to preserve efficacy of current weed control options. Herbicides - Current Research and Case Studies in Use provides information about current trends in herbicide use and weed control in different

land and aquatic settings as well as case studies in particular weed control situations.

The Mythical Man-month

Techno-Societal 2018

This book contains a selection of articles from The 2014 World Conference on Information Systems and Technologies (WorldCIST'14), held between the 15th and 18th 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; Software Systems, Architectures, Applications and Tools; Computer Networks, Mobility and Pervasive Systems; Radar Technologies; Human-Computer Interaction; Health Informatics and Information Technologies in Education.

Recent Advances on Soft Computing and Data Mining

Rev. ed. of: Informatics and nursing / Linda Q. Thede, Jeanne P. Sewell. 3rd ed. c2010.

Applied Computational Intelligence and Mathematical Methods

Recent developments in computer technology are providing historians with new ways to see—and seek to hear, touch, or smell—traces of the past. Place-based augmented reality applications are an increasingly common feature at heritage sites and museums, allowing historians to create immersive, multifaceted learning experiences. Now that computer vision can be directed at the past, research involving thousands of images can recreate lost or destroyed objects or environments, and discern patterns in vast datasets that could not be perceived by the naked eye. Seeing the Past with Computers is a collection of twelve thought-pieces on the current and potential uses of augmented reality and computer vision in historical research, teaching, and presentation. The experts gathered here reflect upon their experiences working with new technologies, share their ideas for best practices, and assess the implications of—and imagine future possibilities for—new methods of historical study. Among the experimental topics they explore are the use of augmented reality that empowers students to challenge the presentation of historical material in their textbooks; the application of seeing computers to unlock unusual cultural knowledge, such as the secrets of vaudevillian stage magic; hacking facial recognition technology to reveal victims of

racism in a century-old Australian archive; and rebuilding the soundscape of an Iron Age village with aural augmented reality. This volume is a valuable resource for scholars and students of history and the digital humanities more broadly. It will inspire them to apply innovative methods to open new paths for conducting and sharing their own research.

Passive Nondestructive Assay of Nuclear Materials

Easing the transition from GCSE to AS level, this textbook meets the 2004 Edexcel specifications and provides numerous worked examples and solutions to aid understanding of key concepts.

Evaluation to Improve Learning

This book constitutes the refereed proceedings of the 8th IAPR TC3 International Workshop on Artificial Neural Networks in Pattern Recognition, ANNPR 2018, held in Siena, Italy, in September 2018. The 29 revised full papers presented together with 2 invited papers were carefully reviewed and selected from 35 submissions. The papers present and discuss the latest research in all areas of neural network- and machine learning-based pattern recognition. They are organized in two sections: learning algorithms and architectures, and applications. Chapter

"Bounded Rational Decision-Making with Adaptive Neural Network Priors" is available open access under a Creative Commons Attribution 4.0 International License via link.springer.com.

The School-To-Prison Pipeline

Gathering the outcomes of the 27th annual international eTourism conference ENTER2020, this book presents new research, innovative systems and industry case studies on the application of Information and Communication Technologies (ICT) in travel and tourism. It shares the latest findings discussed at the conference and highlights various topics within the field, including social media, destination marketing, recommender systems and decision-making, virtual and augmented reality, technology in tourism, and research on hotels and activities. Readers will find a wealth of state-of-the-art insights and ideas on how information and communication technologies can be applied in travel and tourism.

Human Language Technology. Challenges for Computer Science and Linguistics

This book offers a broad perspective on important topics in earthquake geotechnical engineering and gives specialists and those that are involved with

research and application a more comprehensive understanding about the various topics. Consisting of eighteen chapters written by authors from the most seismic active regions of the world, such as USA, Japan, Canada, Chile, Italy, Greece, Portugal, Taiwan, and Turkey, the book reflects different views concerning how to assess and minimize earthquake damage. The authors, a prominent group of specialists in the field of earthquake geotechnical engineering, are the invited lecturers of the International Conference on Earthquake Geotechnical Engineering from Case History to Practice in the honour of Professor Kenji Ishihara held in Istanbul, Turkey during 17-19 June 2013.

Perspectives on Earthquake Geotechnical Engineering

ROMANCE ACTION & ADVENTURE MYSTERY & THRILLER BIOGRAPHIES & HISTORY CHILDREN'S YOUNG ADULT FANTASY HISTORICAL FICTION HORROR LITERARY FICTION NON-FICTION SCIENCE FICTION