

Pixl Maths Higher Paper June 2014

"This book is designed to be a platform for the most significant educational achievements by teachers, school administrators, and local associations that have worked together in public institutions that range from primary school to the university level!"--Provided by publisher.

The Annual International Frontiers in Algorithmics Workshop is a focused - run on current trends in research on algorithms, discrete structures, and their applications. It intends to bring together international experts at the research frontiers in those areas to exchange ideas and to present signi?cant new results. The mission of the workshop is to stimulate the various fields for which al- rithmics can become a crucial enabler, and to strengthen the ties between the Eastern and Western algorithmics research communities. The Second Inter- tional Frontiers in Algorithmics Workshop (FAW 2008) took place in Changsha, China, June 19-21, 2008. In response to the Call for Papers, 80 papers were submitted from 15 co- tries and regions: Canada, China, France, Germany, Greece, Hong Kong, India, Iran, Japan, Mexico, Norway, Singapore, South Korea, Taiwan, and the USA. After a six-week period of careful reviewing and discussion, the Program C- mittee accepted 32 submissions for presentation at the conference. These papers were selected for nine special focus tracks in the areas of biomedical inform- ics, discrete structures, geographic information processing and communication, games and incentive analysis, graph algorithms, internet algorithms and pro- cols, parameterized algorithms, design and analysis of heuristics, approximate and online algorithms, and machine learning. The program of FAW 2008 also included three keynote talks by Xiaotie Deng, John E. Hopcroft, and Milan Sonka.

Publishes papers reporting on research and development in optical science and engineering and the practical applications of known optical science, engineering, and technology.

This book constitutes the refereed proceedings of the First International Conference on Advanced Machine Learning Technologies and Applications, AMLTA 2012, held in Cairo, Egypt, in December 2012. The 58 full papers presented were carefully reviewed and selected from 99 initial submissions. The papers are organized in topical sections on rough sets and applications, machine learning in pattern recognition and image processing, machine learning in multimedia computing, bioinformatics and cheminformatics, data classification and clustering, cloud computing and recommender systems.

Innovations in Bio-Inspired Computing and Applications

Computer Science and Applications

Symmetry in Applied Mathematics

GCSE Geography Edexcel B

4th International Symposium, ISVC 2008, Las Vegas, NV, USA, December 1-3, 2008, Proceedings, Part II

First International Conference, AMLTA 2012, Cairo, Egypt, December 8-10, 2012, Proceedings

Proceedings of the 9th International Conference on Innovations in Bio-Inspired Computing and Applications (IBICA 2018) held in Kochi, India during December 17-19, 2018

Backpacker brings the outdoors straight to the reader's doorstep, inspiring and enabling them to go more places and enjoy nature more often. The authority on active adventure, Backpacker is the world's first GPS-enabled magazine, and the only magazine whose editors personally test the hiking trails, camping gear, and survival tips they publish. Backpacker's Editors' Choice Awards, an industry honor recognizing design, feature and product innovation, has become the gold standard against which all other outdoor-industry awards are measured.

This book constitutes the refereed proceedings of the 12th International Conference on Discrete Geometry for Computer Imagery, DGCI 2005, held in Poitiers, France in April 2005. The 36 revised full papers presented together with an invited paper were carefully reviewed and selected from 53 submissions. The papers are organized in topical sections on applications, discrete hierarchical geometry, discrete tomography, discrete topology, object properties, reconstruction and recognition, uncertain geometry, and visualization.

Applied mathematics and symmetry work together as a powerful tool for problem reduction and solving. We are communicating applications in probability theory and statistics (A Test Detecting the Outliers for Continuous Distributions Based on the Cumulative Distribution Function of the Data Being Tested, The Asymmetric Alpha-Power Skew- t Distribution), fractals - geometry and alike (Khovanov Homology of Three-Strand Braid Links, Volume Preserving Maps Between p-Balls, Generation of Julia and Mandelbrot Sets via Fixed Points), supersymmetry - physics, nanostructures -chemistry, taxonomy - biology and alike (A Continuous Coordinate System for the Plane by Triangular Symmetry, One-Dimensional Optimal System for 2D Rotating Ideal Gas, Minimal Energy Configurations of Finite Molecular Arrays, Noether-Like Operators and First Integrals for Generalized Systems of Lane-Emden Equations), algorithms, programs and software analysis (Algorithm for Neutrosophic Soft Sets in Stochastic Multi-Criteria Group Decision Making Based on Prospect Theory, On a Reduced Cost Higher Order Traub-Steffensen-Like Method for Nonlinear Systems, On a Class of Optimal Fourth Order Multiple Root Solvers without Using Derivatives) to specific subjects (Facility Location Problem Approach for Distributed Drones, Parametric Jensen-Shannon Statistical Complexity and Its Applications on Full-Scale Compartment Fire Data). Diverse topics are thus combined to map out the mathematical core of practical problems.

Artificial intelligence (AI) has captured our imaginations—and become a distraction. Too many leaders embrace the oversized narratives of artificial minds outpacing human intelligence and lose sight of the original problems they were meant to solve. When businesses try to “do AI,” they place an abstract solution before problems and customers without fully considering whether it is wise, whether the hype is true, or how AI will impact their organization in the long term. Often absent is sound reasoning for why they should go down this path in the first place. Doing AI explores AI for what it actually is—and what it is not— and the problems it can truly solve. In these pages, author Richard Heimann unravels the tricky relationship between problems and high-tech solutions, exploring the pitfalls in solution-centric thinking and explaining how businesses should rethink AI in a way that aligns with their cultures, goals, and values. As the Chief AI Officer at Cybraics Inc., Richard Heimann knows from experience that AI-specific strategies are often bad for business. Doing AI is his comprehensive guide that will help readers understand AI, avoid common pitfalls, and identify beneficial applications for their companies. This book is a must-read for anyone looking for clarity and practical guidance for identifying problems and effectively solving them, rather than getting sidetracked by a shiny new “solution” that doesn’t solve anything.

Volume 37

Second International Workshop, FAW 2008, Changsha, China, June 19-21, 2008, Proceedings

10th International Conference, ICIAR, Aveiro, Portugal, June 26-28, 2013, Proceedings

Cloud Computing and Security

Handbook of Research on Didactic Strategies and Technologies for Education: Incorporating Advancements

Biomedical Engineering and Environmental Engineering

The 2014 Asia-Pacific Conference on Computer Science and Applications was held in Shanghai, December 27-28, 2014. These CSAC-2014 proceedings include 105 selected papers, which focus not only on the research of science and technology of computer sciences, but also on the research of applications, aiming at a quick and immediate effect on

This book constitutes the thoroughly refereed proceedings of the 10th International Conference on Image Analysis and Recognition, ICIAR 2013, held in Póvoa do Varzim, Portugal, in June 2013. The 92 revised full papers presented were carefully reviewed and selected from 177 submissions. The papers are organized in topical sections on biometrics: behavioral; biometrics: physiological; classification and regression; object recognition; image processing and analysis; image representations and models, compression, enhancement , feature detection and segmentation; 3D image analysis; tracking; medical imaging; image segmentation, image registration, image analysis, coronary image analysis, retinal image analysis, computer aided diagnosis, brain image analysis; cell image analysis; RGB-D camera applications; methods of moments; applications.

The Encyclopedia of GIS provides a comprehensive and authoritative guide, contributed by experts and peer-reviewed for accuracy, and alphabetically arranged for convenient access. The entries explain key software and processes used by geographers and computational scientists. Major overviews are provided for nearly 200 topics: Geoinformatics, Spatial Cognition, and Location-Based Services and more. Shorter entries define specific terms and concepts. The reference will be published as a print volume with abundant black and white art, and simultaneously as an XML online reference with hyperlinked citations, cross-references, four-color art, links to web-based maps, and other interactive features.

8 papers for poster presentation in the special tracks. All papers were reviewed with an emphasis on potential to contribute to the state of the art in the field. Selection criteria included accuracy and originality of ideas, clarity and significance of results, and presentation quality. The review process was quite rigorous, involving two to three independent blind reviews followed by several days of discussion. During the discussion period we tried to correct anomalies and errors that might have existed in the initial reviews.

The refereed proceedings of the 4th International Conference on Scale Space Methods in Computer Vision, Scale-Space 2003, held at Isle of Skye, UK in June 2003. The 56 revised full papers presented were carefully reviewed and selected from 101 submissions. The book offers topical sections on deep structure representations, scale space mathematics, equivalences, implementing scale spaces, minimal approaches, evolution equations, local structure, image models, morphological scale spaces, temporal scale spaces, shape, and motion and stereo.

This book constitutes the refereed proceedings of the 15th Scandinavian Conference on Image Analysis, SCIA 2007, held in Aalborg, Denmark in June 2007. It covers computer vision, 2D and 3D reconstruction, classification and segmentation, medical and biological applications, appearance and shape modeling, face detection, tracking and recognition, motion analysis, feature extraction and object recognition.

Discrete Geometry for Computer Imagery

Educational Media and Technology Yearbook

7th International Conference, SSVN 2019, Hofgeismar, Germany, June 30 - July 4, 2019, Proceedings

Color Squared

Computational Intelligence for Knowledge-Based System Design

Color, Dot, Dash, Or Stamp Your Way to Awesome Pixel Art

5th International Conference, SSVN 2015, Lège-Cap Ferret, France, May 31 - June 4, 2015, Proceedings

5th International Conference, ICIAR 2008, Póvoa de Varzim, Portugal, June 25-27, 2008, Proceedings

This book constitutes the thoroughly refereed post-conference proceedings of the Third International Conference on Scale Space Methods and Variational Methods in Computer Vision, SSVN 2011, held in Ein-Gedi, Israel in May/June 2011. The 24 revised full papers presented together with 44 poster papers were carefully reviewed and selected from 78 submissions. The papers are organized in topical sections on denoising and enhancement, segmentation, image representation and invariants, shape analysis, and optical flow.

It is with great pleasure that we present the proceedings of the 4th International Symposium on Visual Computing (ISVC 2008) in Las Vegas, Nevada. ISVC offers a common umbrella for the four main areas of visual computing including vision, graphics, visualization, and virtual reality. Its goal is to provide a forum for researchers, scientists, engineers and practitioners throughout the world to present their latest research findings, ideas, developments and applications in the broader area of visual computing. This year, ISVC grew significantly: the program consisted of 15 oral sessions, 1 poster session, 8 special tracks, and 6 keynote presentations. The response to the call for papers was very strong; we received over 340 submissions for the main symposium from which we accepted 102 papers for oral presentation and 70 papers for poster presentation. Special track papers were solicited separately through the Organizing and Program Committees of each track. A total of 56 papers were accepted for oral presentation and 8 papers for poster presentation in the special tracks. All papers were reviewed with an emphasis on potential to contribute to the state of the art in the field. Selection criteria included accuracy and originality of ideas, clarity and significance of results, and presentation quality. The review process was quite rigorous, involving two to three independent blind reviews followed by several days of discussion. During the discussion period we tried to correct anomalies and errors that might have existed in the initial reviews.

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5th International Conference, SSVN 2015, Lège-Cap Ferret, France, May 31 - June 4, 2015, Proceedings

5th International Conference, ICIAR 2008, Póvoa de Varzim, Portugal, June 25-27, 2008, Proceedings

This six volume set LNCS 11063 – 11068 constitutes the thoroughly refereed conference proceedings of the 4th International Conference on Cloud Computing and Security, ICCS 2018, held in Haikou, China, in June 2018. The 386 full papers of these six volumes were carefully reviewed and selected from 1743 submissions. The papers cover ideas and achievements in the theory and practice of all areas of inventive systems which includes control, artificial intelligence, automation systems, computing systems, electrical and informative systems. The six volumes are arranged according to the subject areas as follows: cloud computing, cloud security, encryption, information hiding, IoT security, multimedia forensics

This book constitutes the refereed proceedings of the 12th International Conference on Information Hiding, IH 2010, held in Calgary, AB, Canada, in June 2010. The 18 revised full papers presented were carefully reviewed and selected from 39 submissions.

This book constitutes the refereed proceedings of the 5th International Conference on Image Analysis and Recognition, ICIAR 2008, held in Póvoa do Varzim, Portugal, in June 2008. The 110 revised full papers presented together with 2 invited papers were carefully reviewed and selected from 226 submissions. The papers are organized in topical sections on image restoration and enhancement, image and video segmentation, non-linear image processing, image and video coding and encryption, indexing and retrieval, computer vision, feature extraction and classification, shape representation and matching, object recognition, character recognition, texture and motion analysis, tracking, biomedical image analysis, biometrics, face recognition, and a special session on recent advances in multimodal biometric systems and applications.

12th International Conference, IH 2010, Calgary, AB, Canada, June 28-30, 2010, Revised Selected Papers

The Economics of Discrimination

Introduction to Applied Linear Algebra

12th International Conference, DGCI 2005, Poitiers, France, April 11-13, 2005, Proceedings

Vectors, Matrices, and Least Squares

Oxford Revise: AQA GCSE Physics Revision and Exam Practice

Frontiers in Algorithmics

This book is a printed edition of the Special Issue "Photon-Counting Image Sensors" that was published in Sensors

This book constitutes the refereed proceedings of the 19th Scandinavian Conference on Image Analysis, SCIA 2015, held in Copenhagen, Denmark, in June 2015. The 45 revised papers presented were carefully reviewed and selected from 67 submissions. The contributions are structured in topical sections on novel applications of vision systems, pattern recognition, segmentation, 3D vision to medical and biomedical image analysis.

Color SquaredColor, Dot, Dash, Or Stamp Your Way to Awesome Pixel ArtClarkson Potter

Official edition slipcase edition of John Green's Paper Towns, with pop-up paper town. From the bestselling author of The Fault in our Stars. Quentin Jacobsen has always loved Margo Roth Spiegelman, for Margo (and her adventures) are the stuff of legend at their high school. So when she one day climbs through his window and summons him on an all-night road trip, the next day Margo doesn't come to school and a week later she is still missing. Q soon learns that there are clues in her disappearance. . . and they are for him. But as he gets deeper into the mystery - culminating in another awesome road trip across America - he becomes less sure of who and what he is looking for. Masterfully written by John Green, this is a story.

Theoretical Computer Science and Discrete Mathematics

First International Conference, ICTSDM 2016, Krishnankoil, India, December 19-21, 2016, Revised Selected Papers

Multimedia Communications, Services and Security

Advances in Visual Computing

13th IPMVI Conference, Dortmund, Germany, June 28 - July 2, 2010, Proceedings

View Camera

4th International Conference, Scale-Space 2003, Isle of Skye, UK, June 10-12, 2003, Proceedings

The book constitutes the refereed proceedings of the 13th International Conference on Information Processing and Management of Uncertainty in Knowledge-Based Systems, IPMU 2010, held in Dortmund, Germany from June 28 - July 2, 2010. The 77 revised full papers were carefully reviewed and selected from 320 submissions and reflect the richness of research in the field of Computational Intelligence and represent developments on topics as: machine learning, data mining, pattern recognition, uncertainty handling, aggregation and fusion of information as well as logic and knowledge processing.

This volume constitutes the refereed proceedings of the 6th International Conference on Multimedia Communications, Services and Security, MCS 2013, held in Krakow, Poland, in June 2013. The 27 full papers included in the volume were selected from numerous submissions. The papers cover various topics related to multimedia technology and its application to public safety problems.

This volume constitutes the refereed post-conference proceedings of the International Conference on Theoretical Computer Science and Discrete Mathematics, held in Krishnankoil, India, in December 2016. The 57 revised full papers were carefully reviewed and selected from 210 submissions. The papers cover a broad range of topics such as line graphs and its generalizations, large graphs of given degree and diameter, graphoidal covers, adjacency spectrum, distance spectrum, b-coloring, separation dimension of graphs and hypergraphs, domination in graphs, graph labeling problems, subsequences of words and Parike matrices, lambda-design conjecture, graph algorithms and interference model for wireless sensor networks.

Based on principles of cognitive science, this three-step approach to effective revision combines knowledge, retrieval and interleaving, and extensive exam-style practice to help students master knowledge and skills for GCSE success. UK schools save 50% off the RRP! Discount will be automatically applied when you order on your school account.

Scale Space Methods in Computer Vision

Encyclopedia of GIS

Incorporating Advancements

Information Computing and Automation

Energy Research Abstracts

Advanced Machine Learning Technologies and Applications

The Half-Life of Facts

As digital devices play a more critical role in daily life than ever, more opportunities arise for innovative learning technologies—a trend on full display in the Educational Media and Technology Yearbook for 2012. This latest edition, volume 37, from the Association for Education, Communication, and Technology (AECT) notes the most current trends in the field of learning design and technology, taking into account the implications for both formal and informal learning. The majority of articles train their focus on graduate and professional goals, including an analysis of doctoral programs in educational technology and new collaborative learning platforms. Library science is a featured component of this analysis and Library Science programs are featured prominently in this analysis. Mediagraphy and profiles of leaders in the field are also included.

A groundbreaking introduction to vectors, matrices, and least squares for engineering applications, offering a wealth of practical examples.

This second edition of Gary S. Becker's The Economics of Discrimination has been expanded to include three further discussions of the problem and an entirely new introduction which considers the contributions made by others in recent years and some of the more important problems remaining. Mr. Becker's work confronts the economic effects of discrimination in the market place because of race, religion, sex, color, social class, personality, or other non-pecuniary considerations. He demonstrates that discrimination in the market place by any group reduces their own real incomes as well as those of the minority. The original edition of The Economics of Discrimination was warmly received by economists, sociologists, and psychologists alike for focusing the discerning eye of economic analysis upon a vital social problem—discrimination in the market place. This is an unusual book; not only is it filled with ingenious theorizing but the implications of the theory are boldly confronted with facts. . . . The intimate relation of the theory and observation has resulted in a book of great vitality on a subject whose interest and importance are obvious.”—M.W. Reder, American Economic Review “The author's solution to the problem of measuring the motive behind actual discrimination is something of a tour de force. . . .

Sociologists in the field of race relations will wish to read this book.”—Karl Schuessler, American Sociological Review

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Doing AI

6th International Conference, MCS 2013, Krakow, Poland, June 6-7, 2013, Proceedings

19th Scandinavian Conference, SCIA 2015, Copenhagen, Denmark, June 15-17, 2015, Proceedings

4th International Conference, ICCS 2018, Haikou, China, June 8-10, 2018, Revised Selected Papers, Part VI

Optical Engineering

Photon-Counting Image Sensors

Information Hiding

A student-friendly and engaging resource for the 2016 Edexcel GCSE Geography B specification, this brand new course is written to match the demands of the specification. As well as providing thorough and rigorous coverage of the spec, this book is designed to engage students in their learning and to motivate them to progress.

New insights from the science of science Facts change all the time. Smoking has gone from doctor recommended to deadly. We used to think the Earth was the center of the universe and that the brontosaurus was a real dinosaur. In short, what we know about the world is constantly changing. Samuel Arbesman shows us how knowledge in most fields evolves systematically and predictably, and how this evolution unfolds in a fascinating way that can have a powerful impact on our lives. He takes us through a wide variety of fields, including those that change quickly, over the course of a few years, or over the span of centuries.

This book highlights recent research on bio-inspired computing and its various innovative applications in Information and Communication Technologies. It presents 50 high-quality papers from the 9th International Conference on Innovations in Bio-Inspired Computing and Applications (IBICA 2018) and 7th World Congress on Information and Communication Technologies (WICT 2018), which was held at Toc H Institute of Science and Technology (TIST) on December 17-19, 2018. IBICA-WICT 2018 was a premier conference and brought together researchers, engineers and practitioners whose work involved bio-inspired computing, computational intelligence and their applications in information security, real-world contexts etc. Including contributions by authors from 22 countries, the book offers a valuable reference guide for all researchers, students and practitioners in the fields of Computer Science and Engineering.

This book constitutes the proceedings of the 7th International Conference on Scale Space and Variational Methods in Computer Vision, SSVN 2019, held in Hofgeismar, Germany, in June/July 2019. The 44 papers included in this volume were carefully reviewed and selected for inclusion in this book. They were organized in topical sections named: 3D vision and feature analysis; inpainting, interpolation and compression; inverse problems in imaging; optimization methods in imaging; PDEs and level-set methods; registration and reconstruction; scale-space methods; segmentation and labeling; and variational methods.

Oxford Revise: AQA GCSE (9-1) Maths Foundation Revision Guide

Calculus

Proceedings of the 2014 2nd International Conference on Biomedical Engineering and Environmental Engineering (CBEEE 2014), December 24-25, 2014, Wuhan, China

Image Analysis and Recognition

Paper Towns

Third International Conference, SSVN 2011, Ein-Gedi, Israel, May 29 -- June 2, 2011, Revised Selected Papers

This book constitutes the refereed proceedings of the 5th International Conference on Scale Space and Variational Methods in Computer Vision, SSVN 2015, held in Lège-Cap Ferret, France, in May 2015. The 56 revised full papers presented were carefully reviewed and selected from 83 submissions. The papers are organized in the following topical sections: scale space and partial differential equation methods; denoising, restoration and reconstruction, segmentation and partitioning; flow, motion and registration; photography, texture and color processing; shape, surface and 3D problems; and optimization theory and methods in imaging.

Paint-by-number meets the traditional coloring book in this brand new format that showcases pixelated images of cool and quirky nostalgia objects. Doodlers, artists, and puzzlers alike will enjoy this new take on coloring. With a focus on old favorites, pictures of things like cassette tapes, a rotary phone, and roller skates have been pixelated and rendered as numbered grids. To fill them in, users have options to vary the colors, just vary the shading, or even use different shapes or lines. Color Squared can relieve stress or challenge the mind, depending on the approach the reader chooses—but either way, it will keep the head and hands busy, and make for a fun trip down memory lane.