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Mathematics and Transition to School Bob Perry, Amy MacDonald, Ann Gervasoni, 2015-01-09 This edited book brings together for the first time an international collection of work focused on two important aspects of any young child's life learning mathematics and starting primary or elementary school The chapters take a variety of perspectives and integrate these two components in sometimes explicit and sometimes more subtle ways The key issues and themes explored in this book are the mathematical and other strengths that all participants in the transition to school bring to this period of a child's life the opportunities provided by transition to school for young children's mathematics learning the importance of partnerships among adults and among adults and children for effective school transitions and mathematics learning and teaching the critical impact of expectations on their mathematics learning as children start school the importance of providing children with meaningful challenging and relevant mathematical experiences throughout transition to school the entitlement of children and educators to experience assessment and instructional pedagogies that match the strengths of the learners and the teachers the importance for the aspirations of children families communities educators and educational organisations to be recognised as legitimate and key determinants of actions experiences and successes in both transition to school and mathematics learning and the belief that young children are powerful mathematics learners who can demonstrate this power as they start school In each chapter authors reflect on their work in the area of mathematics and transition to school place that work within the overall context of research in these fields predict the trajectory of this work in the future and consider the implications of the work both theoretically and practically

Agents and Artificial Intelligence Jaap van den Herik, Ana Paula Rocha, Luc Steels, 2019-12-14 This book contains the revised and extended versions of selected papers from the 11th International Conference on Agents and Artificial Intelligence ICAART 2019 held in Prague Czech Republic in February 2019 Overall 46 full papers 66 short papers and 36 poster papers were carefully reviewed and selected from 202 initial submissions 17 of the 46 full papers were selected to be included in this volume These papers deal with topics such as natural language processing artificial intelligence and agents

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Computational Intelligence Juan Julian Merelo, Fernando Melício, José M. Cadenas, António Dourado, Kurosh Madani, António Ruano, Joaquim Filipe, 2018-10-03 This book gathers revised and extended versions of the best papers presented at the 8th International Joint Conference on Computational Intelligence IJCCI 2016 which was held in Porto Portugal from 9 to 11 November 2016 The papers address three main fields of Computational Intelligence namely Evolutionary Computation Fuzzy Computation and Neural Computation In addition to highlighting recent advances in these areas the book offers veteran researchers new and innovative solutions while also providing a source of information and inspiration for newcomers to the field

Collected Papers. Volume VII Florentin Smarandache, 2022-02-01 This seventh volume of Collected Papers includes 70 papers comprising 974 pages on theoretic and applied neutrosophics written between 2013-2021 by the author alone or in collaboration with the following 122 co authors from 22 countries Mohamed Abdel Basset Abdel Nasser Hussian C Alexander Mumtaz Ali Yaman Akbulut Amir Abdullah Amira S Ashour Assia Bakali Kousik Bhattacharya Kainat Bibi R N Boyd mit Budak Lulu Cai Cenap zel Chang Su Kim Victor Christianto Chunlai Du Chunxin Bo Rituparna Chutia Cu Nguyen Giap Dao The Son Vinayak Devvrat Arindam Dey Partha Pratim Dey Fahad Alsharari Feng Yongfei S Ganesan Shivam Ghildiyal Bibhas C Giri Masooma Raza Hashmi Ahmed Refaat Hawas Hoang Viet Long Le Hoang Son Hongbo Wang Hongnian Yu Mihaiela Iliescu Saeid Jafari Temitope Gbolahan Jaiyeola Naeem Jan R Jeevitha Jun Ye Anup Khan Madad Khan Salma Khan Ilanthenral Kandasamy W B Vasantha Kandasamy Darjan Karaba evi Kifayat Ullah Kishore Kumar P K Sujit Kumar De Prasun Kumar Nayak Malayalan Lathamaheswari Luong Thi Hong Lan

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landmark work on the Navier Stokes equations The papers collected here on the occasion of his 70th birthday are written by world renowned researchers and celebrate his decades of outstanding achievements *Learning and Intelligent Optimization* Panos M. Pardalos, Mauricio G.C. Resende, Chrysafis Vogiatzis, Jose L. Walteros, 2014-07-31 This book constitutes the thoroughly refereed post conference proceedings of the 8th International Conference on Learning and Optimization LION 8 which was held in Gainesville FL USA in February 2014 The 33 contributions presented were carefully reviewed and selected for inclusion in this book A large variety of topics are covered such as algorithm configuration multiobjective optimization metaheuristics graphs and networks logistics and transportation and biomedical applications **Business Process Management Workshops** Fabiana Fournier, Jan Mendling, 2015-04-11 This book constitutes the refereed proceedings of ten international workshops held in Eindhoven The Netherlands in conjunction with the 12th International Conference on Business Process Management BPM 2014 in September 2014 The ten workshops comprised Process oriented Information Systems in Healthcare ProHealth 2014 Security in Business Processes SBP 2014 Process Model Collections Management and Reuse PMC MR 2014 Business Processes in Collective Adaptive Systems BPCAS 2014 Data and Artifact centric BPM DAB 2014 Business Process Intelligence BPI 2014 Business Process Management in the Cloud BPMC 2014 Theory and Applications of Process Visualization TaProViz 2014 Business Process Management and Social Software BPMS2 2014 and Decision Mining and Modeling for Business Processes DeMiMoP 2014 The 38 revised full and eight short papers presented were carefully reviewed and selected from 84 submissions In addition six short papers resulting from the Doctoral Consortium at BPM 2014 are included in this book **Immune system modeling and analysis** Ramit Mehr, Miles Davenport, 2015-04-22 The rapid development of new methods for immunological data collection from multicolor flow cytometry through single cell imaging to deep sequencing presents us now for the first time with the ability to analyze and compare large amounts of immunological data in health aging and disease The exponential growth of these datasets however challenges the theoretical immunology community to develop methods for data organization and analysis Furthermore the need to test hypotheses regarding immune function and generate predictions regarding the outcomes of medical interventions necessitates the development of mathematical and computational models covering processes on multiple scales from the genetic and molecular to the cellular and system scales The last few decades have seen the development of methods for presentation and analysis of clonal repertoires those of T and B lymphocytes and phenotypic surface marker based repertoires of all lymphocyte types and for modeling the intricate network of molecular and cellular interactions within the immune systems This e Book which has first appeared as a Frontiers in Immunology research topic provides a comprehensive online open access snapshot of the current state of the art on immune system modeling and analysis *Percolation on Triangulations: A Bijective Path to Liouville Quantum Gravity* Olivier Bernardi, Nina Holden, Xin Sun, 2023-09-27 View the abstract **Analytic, Algebraic and Geometric Aspects of Differential Equations** Galina Filipuk, Yoshishige

Haraoka, Sławomir Michalik, 2017-06-23 This volume consists of invited lecture notes survey papers and original research papers from the AAGADE school and conference held in Białe Pole Poland in September 2015 The contributions provide an overview of the current level of interaction between algebra geometry and analysis and demonstrate the manifold aspects of the theory of ordinary and partial differential equations while also pointing out the highly fruitful interrelations between those aspects These interactions continue to yield new developments not only in the theory of differential equations but also in several related areas of mathematics and physics such as differential geometry representation theory number theory and mathematical physics The main goal of the volume is to introduce basic concepts techniques detailed and illustrative examples and theorems in a manner suitable for non specialists and to present recent developments in the field together with open problems for more advanced and experienced readers It will be of interest to graduate students early career researchers and specialists in analysis geometry algebra and related areas as well as anyone interested in learning new methods and techniques

Cognitive Radio Oriented Wireless Networks Mark Weichold, Mounir Hamdi, Muhammad Zeeshan Shakir, Mohamed Abdallah, George K. Karagiannidis, Muhammad Ismail, 2015-10-12 This book constitutes the thoroughly refereed post conference proceedings of the 10th International Conference on Cognitive Radio Oriented Wireless Networks CROWNCOM 2015 held in Doha Qatar in April 2015 The 66 revised full papers presented were carefully reviewed and selected from 110 submissions and cover the evolution of cognitive radio technology pertaining to 5G networks The papers are clustered to topics on dynamic spectrum access management networking protocols for CR modeling and theory HW architecture and implementations next generation of cognitive networks standards and business models and emerging applications for cognitive networks

Stable Lévy Processes via Lamperti-Type Representations Andreas E. Kyprianou, Juan Carlos Pardo, 2022-04-07 Stable Lévy processes lie at the intersection of Lévy processes and self similar Markov processes Processes in the latter class enjoy a Lamperti type representation as the space time path transformation of so called Markov additive processes MAPs This completely new mathematical treatment takes advantage of the fact that the underlying MAP for stable processes can be explicitly described in one dimension and semi explicitly described in higher dimensions and uses this approach to catalogue a large number of explicit results describing the path fluctuations of stable Lévy processes in one and higher dimensions Written for graduate students and researchers in the field this book systemically establishes many classical results as well as presenting many recent results appearing in the last decade including previously unpublished material Topics explored include first hitting laws for a variety of sets path conditionings law preserving path transformations the distribution of extremal points growth envelopes and winding behaviour

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geometry including curves surfaces Grassmannians convexity abelian varieties and moduli spaces This book bridges the gap between graduate courses and cutting edge research by connecting historical sources computation explicit examples and new results

School Rethink 2.0 Frederick M. Hess, Michael B. Horn, Juliet Squire, 2025-02-12 Ten brilliant approaches that are disrupting US education and actionable advice for their broader implementation

Fixed points of fuzzy neutrosophic soft mapping with decision-making Muhammad Riaz, Masooma Raza Hashmi, In this paper we introduce some operations on a fuzzy neutrosophic soft set fns set by utilizing the theories of fuzzy sets soft sets and neutrosophic sets We introduce fns mappings by using a cartesian product with relations on fns sets and establish some results on fixed points of an fns mapping We present an algorithm to deal with uncertainties in the multi criteria decision making to slenderize energy crises by using an fns average operator and a comparison table for fns sets

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