

Winter School University Of The Free State

Extension Service Review
 Perfectoid Spaces
 Dark Matter In The Universe (Second Edition) - 4th Jerusalem Winter School For Theoretical Physics Lectures
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 Strings And Superstrings - Proceedings Of The 3rd Jerusalem Winter School For Theoretical Physics

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CECELIA NATHANIAL

Extension Service Review Springer Nature

The 16 articles presented here are based on lectures given at the Winter School on Mirror Symmetry held at Harvard University in January 1999. They represent recent progress and new directions in the field. Specific topics include Floer homology and mirror symmetry, special Lagrange fibrations, special Lagrangian submanifolds, and local mirror symmetry at higher genus. Other topics include homological mirror symmetry with higher products, categorical mirror symmetry in the elliptic curve, Lagrangian torus fibration of quintic hypersurfaces, mirror symmetry and T-duality, and mirror symmetry and actions of Braid groups on derived categories. This work lacks a subject index. c. Book News Inc.

Perfectoid Spaces Harvard University Press

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Dark Matter In The Universe (Second Edition) - 4th Jerusalem Winter School For Theoretical Physics Lectures World Scientific

The proceedings summarise the oral and poster presentations of the Winterschool on the above topic. The event was the sixth in a series aimed at describing and discussing recent advances in the understanding of the electronic properties of novel materials. The topic of the meeting, fullerenes and related materials, was chosen as a sequel to that of the previous year in an effort to keep abreast of this new and rapidly evolving field of research. For the duration of the week, world experts from the fields of physics, chemistry and materials science were gathered together to present their current research as well as to participate in the many lively discussions which evolved from the presentations. As such, the proceedings constitute a definitive description of the state of the art of fullerene research.

Digital Methods World Scientific

This volume constitutes the proceedings of NetSci-X 2020: the Sixth International School and Conference on Network Science, which was held in Tokyo, Japan, in January 2020. NetSci-X is the Network Science Society's winter conference series that covers a wide variety of interdisciplinary topics on networks. Participants come from various fields, including (but not limited to): mathematics, physics, computer science, social sciences, management and marketing sciences, organization science, communication science, systems science, biology, ecology, neuroscience, medicine, as well as business. This volume consists of contributed papers that have been accepted to NetSci-X 2020 through a rigorous peer review process. Researchers, students, and professionals will gain first-hand information about today's cutting-edge research frontier of network science.

Annual Report of the President and of the Offices of Purdue University World Scientific

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Stelle) Notes on Matrix Strings and Fivebranes (H Verlinde et al.) Intersecting Branes (J P Gauntlett) BPS Bound States, Supermembranes, and T-Duality in M Theory (J G Russo) $D=6, N=1$ String Vacua and Duality (L E Ibáñez & A M Uranga) Flat Symplectic Bundles of N-Extended Supergravities, Central Charges and Black-Hole Entropy (S Ferrara et al.) Black Hole Thermodynamics and String Theory (S R Das) Seminars: One-Instanton Calculations in $N=2$ Supersymmetric Gauge Theories (K Ito) Field Theory on Coadjoint Orbit and Self-Dual Chern-Simons Solitons (P Oh) Cohomological Yang-Mills Theory in Eight Dimensions (H Kanno et al.) Charged BTZ Black Hole as a Global Vortex in Anti-de Sitter Space-Time: A Bridge by Duality (Y Kim et al.) Tensionless Gravitational String in $D=6, N=1$ Heterotic String Vacua (N Kim et al.) Quantum Ergoregion Instability (G Kang) Readership: High energy physicists. Keywords:

Perfectoid Spaces: Lectures from the 2017 Arizona Winter School American Mathematical Soc.

Quantum information is a developing multi-disciplinary field, with many exciting links to white noise theory. This connection is explored and presented in this work, which effectively bridges the gap between quantum information theory and complex systems. Arising from the Meijo Winter School and International Conference, the lecture notes and research papers published in this timely volume will have a significant impact on the future development of the theories of quantum information and complexity. This book will be of interest to mathematicians, physicists, computer scientists as well as electrical engineers working in this field.

Cosmology And Elementary Particles - Proceedings Of The 2nd Winter School Of Physics World Scientific

Introduced by Peter Scholze in 2011, perfectoid spaces are a bridge between geometry in characteristic 0 and characteristic p , and have been used to solve many important problems, including cases of the weight-monodromy conjecture and the association of Galois representations to torsion classes in cohomology. In recognition of the transformative impact perfectoid spaces have had on the field of arithmetic geometry, Scholze was awarded a Fields Medal in 2018. This book, originating from a series of lectures given at the 2017 Arizona Winter School on perfectoid spaces, provides a broad introduction to the subject. After an introduction with insight into the history and future of the subject by Peter Scholze, Jared Weinstein gives a user-friendly and utilitarian account of the theory of adic spaces. Kiran Kedlaya further develops the foundational material, studies vector bundles on Fargues-Fontaine curves, and introduces diamonds and shtukas over them with a view toward the local Langlands correspondence. Bhargav Bhatt explains the application of perfectoid spaces to comparison isomorphisms in p -adic Hodge theory. Finally, Ana Caraiani explains the application of perfectoid spaces to the construction of Galois representations associated to torsion classes in the cohomology of locally symmetric spaces for the general linear group. This book will be an invaluable asset for any graduate student or researcher interested in the theory of perfectoid spaces and their applications.

Undergraduate Catalog of the University of Massachusetts, Amherst World Scientific
 The year 1995 witnessed the tenth anniversary of the International Winterschools in Kirchberg, Tyrol/Austria. These schools are devoted to the Electronic Properties of Novel Materials, having started with coverage of research on conducting polymers and high temperature superconductors to presently focusing on Fullerene, the newly discovered third allotrope of carbon. This year's proceedings present about ten tutorial and review papers on physics, chemistry, and material science of Fullerene, Fullerene derivatives and nanotubes, as well as about a hundred research contributions on the latest development in this field including a summary on the assessment of the applications potential of the materials and phenomena which have already evolved from the activities in the past couple of years.

Problems Of Fundamental Modern Physics - Proceedings Of The 4th Winter School On

Hadronic Physics World Scientific

The main goal of the School is to guide the young physicists on the methods of carrying out research and to propose to them some present open problems on fundamental modern physics. The School permits the encounter and the exchange of ideas of expert scientists belonging to different areas of research in fundamental modern physics.

Educational Extension in the United States World Scientific

Through powerful narratives of parents of Black and Latinx students with disabilities, this book provides a unique look at the relationship between disability, race, urban space, and market-driven educational policies. Offering significant insights into complex forms of educational exclusion, the text illustrates the actual challenges and paradoxes of school choice faced by today's parents. Included are explanations for the kinds of injustices students with disabilities face every day, as well as resources that can be helpful for engaging in collective action aimed at improving educational services for all children. This accessible resource offers recommendations to help policymakers, charter school administrators, teachers, and families tackle the challenges of school choice while dealing effectively with the new generation of inclusive schools. Book Features: Presents a first-of-its-kind look at how Black and Latinx parents of students with disabilities experience market-driven approaches to education. Identifies the consequences of push-out practices in charter schools and how families experience and resist these practices. Situates school choice amid historical and compounding forms of exclusion associated with geographical (neighborhood) and social (disability, race, and class) locations. Provides lessons learned and valuable guidance for creating a new generation of inclusive charter schools.

3rd International Winter School and Conference on Network Science Firenze University Press

A proposal to repurpose Web-native techniques for use in social and cultural scholarly research. In *Digital Methods*, Richard Rogers proposes a methodological outlook for social and cultural scholarly research on the Web that seeks to move Internet research beyond the study of online culture. It is not a toolkit for Internet research, or operating instructions for a software package; it deals with broader questions. How can we study social media to learn something about society rather than about social media use? Rogers proposes repurposing Web-native techniques for research into cultural change and societal conditions. We can learn to reapply such "methods of the medium" as crawling and crowd sourcing, PageRank and similar algorithms, tag clouds and other visualizations; we can learn how they handle hits, likes, tags, date stamps, and other Web-native objects. By "thinking along" with devices and the objects they handle, digital research methods can follow the evolving methods of the medium. Rogers uses this new methodological outlook to examine such topics as the findings of inquiries into 9/11 search results, the recognition of climate change skeptics by climate-change-related Web sites, and the censorship of the Iranian Web. With *Digital Methods*, Rogers introduces a new vision and method for Internet research and at the same time applies them to the Web's objects of study, from tiny particles (hyperlinks) to large masses (social media).

Topics In Theoretical Physics - Proceedings Of The Second Pacific Winter For Theoretical Physics Springer

This volume deals with the exciting new subject of superstrings. It contains important lectures by some of the leading workers in this field and should be exceptionally useful to the physics community.

Report of the Federal Security Agency World Scientific

Introduced by Peter Scholze in 2011, perfectoid spaces are a bridge between geometry in characteristic 0 and characteristic p , and have been used to solve many important problems, including cases of the weight-monodromy conjecture and the association of Galois representations to torsion classes in cohomology. In recognition of the transformative impact perfectoid spaces have had on the field of arithmetic geometry, Scholze was awarded a Fields Medal in 2018. This book, originating from a series of lectures given at the 2017 Arizona Winter School on perfectoid spaces, provides a broad introduction.

Proceedings of NetSci-X 2020: Sixth International Winter School and Conference on Network Science Taylor & Francis

The authors discuss individual and societal factors which influence the gender biased image of science, engineering and technology (SET) prevalent in young people. From different angles the authors investigate the consequences of this often unattractive but also partly obsolete image for gendered study and occupational choices of girls and boys. Besides peers, school and media as main influencing socialisation instances the contributions focus on young people's selfconcept regarding the development of gendered attitudes towards SET. Further this book includes approaches and concepts of inclusion measures aiming on changing the image of SET and attracting young people,

and especially girls, for these study and job fields.

Progress In Fullerene Research - Proceedings Of The International Winterschool On Electronic Properties Of Novel Materials World Scientific

This volume gives theoretical and practical insights in international and comparative research in the field of adult and continuing education. The 16 contributions of this volume give three perspectives on international and comparative adult education. The first perspective focuses on the question how internationalisation and comparative adult and continuing education can be taught. The second perspective gives insights into the results of comparative research that has been conducted throughout a two-week Winter School that took place in February 2019 in Würzburg. The third perspective complements the two perspectives with insights into international projects and practices in adult and continuing education. The authors of this volume are contributing to the transnational Winter School International and comparative studies in adult and continuing education in Würzburg, Germany since 2014.

Molecular Nanostructures - Proceedings Of The International Winterschool On Electronic Properties Of Novel Materials American Mathematical Soc.

Vasopressin is a hormone which has an increasingly important profile. Not only does it play a physiologically significant role in renal water regulation but it also has other renal actions and plays a role in overall cardiovascular control. Even more interesting is the recent growing interest in its potential effects on the brain, notably its influence on specific behaviours. This monograph about the polypeptide vasopressin covers all aspects relating to the production, control of release, and actions of this molecule within the body, including its roles as a hormone and as a central neurotransmitter. A consideration of the evolution of the molecule across the species and a brief historical perspective are also included. Clinical conditions associated with hypo- and hyper-production states are considered together with aspects of treatment, in addition to other clinical correlates./a

How Girls Achieve Gangemi Editore spa

"In recent decades, p -adic geometry and p -adic cohomology theories have become indispensable tools in number theory, algebraic geometry, and the theory of automorphic representations. The Arizona Winter School 2007, on which the current book is based, was a unique opportunity to introduce graduate students to this subject." "Following invaluable introductions by John Tate and Vladimir Berkovich, two pioneers of non-archimedean geometry, Brian Conrad's chapter introduces the general theory of Tate's rigid analytic spaces, Raynaud's view of them as the generic fibers of formal schemes, and Berkovich spaces. Samit Dasgupta and Jeremy Teitelbaum discuss the p -adic upper half plane as an example of a rigid analytic space and give applications to number theory (modular forms and the p -adic Langlands program). Matthew Baker offers a detailed discussion of the Berkovich projective line and p -adic potential theory on that and more general Berkovich curves. Finally, Kiran Kedlaya discusses theoretical and computational aspects of p -adic cohomology and the zeta functions of varieties. This book will be a welcome addition to the library of any graduate student and researcher who is interested in learning about the techniques of p -adic geometry."--

Digital Universities V.2 (2015) - n. 1 World Scientific**Annual Report** World Scientific

In the last few years there has been a revival of interest in the old idea that spacetime may have more than four dimensions, all but four having been curled up into a small circumference. In this view the various particles and interactions we see at ordinary energies arise from a simple, perhaps purely geometrical, theory in higher dimensions. This idea has profound implications for elementary particle physics and cosmology, and raises challenging problems of mathematics. These matters were the topic of the Second Jerusalem Winter School of Theoretical Physics.

The Administration of Correspondence-study Departments of Universities and Colleges Teachers College Press

The continuation of global poverty is inextricably entwined with the fundamental philosophy of the market economy. It is driven by the individual's neverending desire for "profit", leading to a critically imbalanced distribution of resources. As an entrepreneurial initiative, this book advocates a shift in the responsibility for relief of poverty away from the government to the private sector, and in particular to corporate entities. The concept of the "residual" is used as the cornerstone of business operations and wealth distribution. Corporate decision-makers, while making proprietary decisions for resources allocation, must assume stewardship responsibility and be accountable not just to financial investors but to all contributors of the corporate entity.

Best Sellers - Books :

- [Brown Bear, Brown Bear, What Do You See?](#)
- [The Inmate: A Gripping Psychological Thriller](#)
- [A Court Of Frost And Starlight \(a Court Of Thorns And Roses, 4\) By Sarah J. Maas](#)
- [It's Not Summer Without You](#)
- [Feel-good Productivity: How To Do More Of What Matters To You By Ali Abdaal](#)
- [Jackie: Public, Private, Secret By J. Randy Taraborrelli](#)
- [The Democrat Party Hates America By Mark R. Levin](#)
- [I Love You To The Moon And Back By Amelia Hepworth](#)
- [We'll Always Have Summer \(the Summer I Turned Pretty\) By Jenny Han](#)
- [House Of Flame And Shadow \(crescent City, 3\)](#)