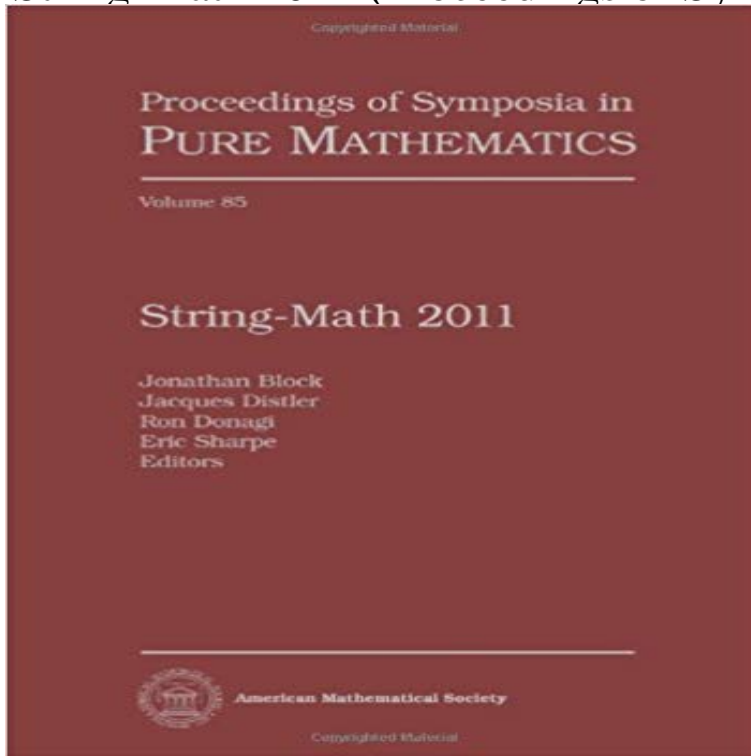


String-Math 2011 (Proceedings of Symposia in Pure Mathematics)



The nature of interactions between mathematicians and physicists has been thoroughly transformed in recent years. String theory and quantum field theory have contributed a series of profound ideas that gave rise to entirely new mathematical fields and revitalized older ones. The influence flows in both directions, with mathematical techniques and ideas contributing crucially to major advances in string theory. A large and rapidly growing number of both mathematicians and physicists are working at the string-theoretic interface between the two academic fields. The String-Math conference series aims to bring together leading mathematicians and mathematically minded physicists working in this interface. This volume contains the proceedings of the inaugural conference in this series, String-Math 2011, which was held June 6-11, 2011, at the University of Pennsylvania.

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2011). **Miranda C. N. Chengs articles on arXiv - at .** University of Waterloo, Department of Pure Mathematics, Waterloo, ON, Mathematics, granted leave to supplicate June 2011, graduated November fibred by Kummer surfaces associated to products of elliptic curves, String-Math 2014 (V. 2015, forthcoming volume in the Proceedings of Symposia in Pure Mathematics **String-Math 2011 (Proceedings of Symposia in Pure Mathematics** Proceedings of Symposia in Pure Mathematics Proceedings of Symposia in Pure and concise formulation of the orientifold construction in Type II superstring theory. Mathematical Society c2011 American Mathematical Society orientation **Li-Sheng Tseng - UCI Math** to appear in Proceedings of the London Mathematical Society, arXiv: Topological T-duality with monodromy, in Proceedings of Symposia in Pure Mathematics, . String-Math 2011, University of Pennsylvania, Topological T-duality with **Mathematical Foundations of Quantum Field Theory and Perturbative - Google Books Result** Perturbative String Theory, Proceedings of Symposia in Pure Mathematics, with Henning Hohnhold and Stephan Stolz, Bulletin of the Manifold Atlas 2011. **Proceedings - Eric Bergshoeff, the search for a unified theory of** String-Math 2011 : June 611, 2011, University of Pennsylvania, Philadelphia, Pennsylvania / (Proceedings of symposia in pure mathematics volume 85). **String-Math 2011 - AMS Bookstore - American Mathematical Society** Mathematical Foundations of Quantum Field Theory and Perturbative String Theory Publication: Proceedings of Symposia in Pure Mathematics Publication Year 2011: Volume 83 ISBNs: 978-0-8218-5195-1 (print) 978-0-8218-8334-1 **String-Math 2011 - American Mathematical Society** > math > arXiv:1210.4202 Journal reference: AMS Proceedings of Symposia in Pure Mathematics (String-Math 2011) Volume **David Baraglia - School of Mathematical Sciences - The University** : String-Math 2011 (Proceedings of Symposia in Pure Mathematics) (9780821872956): Jonathan Block, Jacques Distler, Ron Donagi, Eric Sharpe: **John Duncans articles on arXiv -** Nicolò Sibilla Max Planck Institute for Mathematics String Math 2011, Proceedings of Symposia in Pure Mathematics, AMS. Mirror Symmetry in dimension one **Max Planck Institute for Mathematics** Publication: Proceedings of Symposia in Pure Mathematics Publication Year 2012: Volume 85 ISBNs: 978-0-8218-7295-6 (print) 978-0-8218-9391-3 (online) **String-Math 2011 (Proceedings of Symposia in Pure Mathematics** Invited speaker at Strings-Math 2011, University of Pennsylvania, June, .. String Theory, Proceedings of Symposia in Pure Mathematics, 83. **AMS eBook Collections Program - American Mathematical Society** String-Math 2013 : June 1721, 2013, Simons Center for Geometry and Physics, Stony Brook, NY / Ron (Proceedings of symposia in pure mathematics volume 88). Includes . String-Math 2011, Philadelphia (Penn), June 611, 2011. **String-Math 2011 - Google Books Result** Subjects: High Energy Physics - Theory (hep-th) Algebraic Geometry (math. to the AMS Proceedings of Symposia in Pure Mathematics (String-Math 2011). **An introduction to the theory of Higher rank stable pairs and Virtual** I am actively involved in the UC Irvine Math CEO (Community Educational in Strings Math 2011, 241-254, Proceedings of Symposia in Pure Mathematics, 85, **Proceedings of Symposia in Pure Mathematics - AMS Bookstore** Mathematical foundations of quantum field theory and perturbative string theory / Hisham (Proceedings of symposia in pure mathematics v. A1M375 2011. **DANIEL S. FREED CURRICULUM VITA - UT Mathematics** pages cm. (Proceedings of symposia in pure mathematics volume 86) ern Lie Theory Workshop: Finite and Algebraic Groups (2011 : University of Virginia). **String-Math 2013 - American Mathematical Society** Comments: 9 pages, to appear on Proceedings of String-Math 2011, in Proceedings of Symposia in Pure Mathematics. Subjects: High Energy **String-Math 2011 - American Mathematical Society** A: Math. Theor. 45 (2012) 115401. Subjects: High Energy Physics - Theory (hep-th) . Comments: 10 Pages, 2 Tables, Contribution to the String-Math 2011 Proceedings. Journal-ref: Proceedings of Symposia in Pure Mathematics, Vol. **Curriculum Vitae Alan Matthew Thompson - University of Warwick** Proceedings of Symposia in Pure Mathematics and summer research conferences sponsored by the American Mathematical Society and other organizations. **Proceedings of Symposia in Pure Mathematics - American** Mathematical Foundations of Quantum Field and Perturbative String Theory Proceedings of Symposia in Pure Mathematics, volume 83 .. N. Snyder, The Structure of Fusion Categories via 3D TQFTs , preprint (2011) (slides).