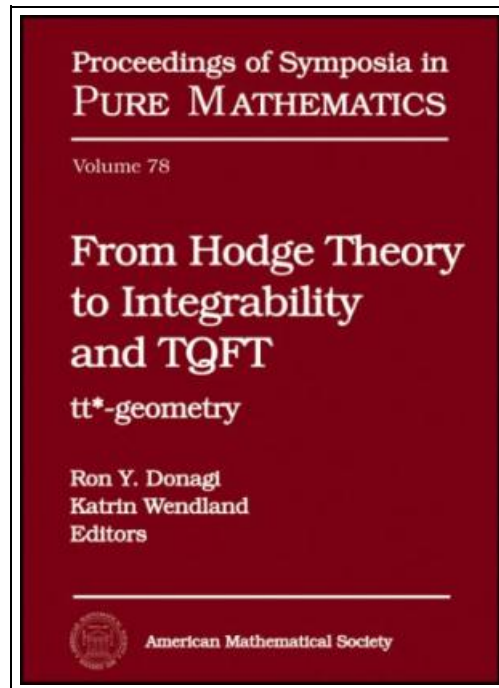


## From Hodge Theory to Integrability and TQFT: tt\*-geometry



Filesize: 9.41 MB

### **Reviews**

*This sort of ebook is everything and got me to searching in advance plus more. I could comprehend everything out of this created e.pdf. You are going to like just how the author compose this pdf.*  
(Prof. Ethelyn Hoeger)

## FROM HODGE THEORY TO INTEGRABILITY AND TQFT: $TT^*$ -GEOMETRY

DOWNLOAD



To save **From Hodge Theory to Integrability and TQFT:  $tt^*$ -geometry** PDF, remember to refer to the button under and download the ebook or have access to additional information which might be relevant to FROM HODGE THEORY TO INTEGRABILITY AND TQFT:  $TT^*$ -GEOMETRY book.

American Mathematical Society. Hardback. Book Condition: new. BRAND NEW, From Hodge Theory to Integrability and TQFT:  $tt^*$ -geometry, Ron Y. Donagi, Katrin Wendland, Ideas from quantum field theory and string theory have had an enormous impact on geometry over the last two decades. One extremely fruitful source of new mathematical ideas goes back to the works of Cecotti, Vafa, et al. around 1991 on the geometry of topological field theory. Their  $tt^*$ -geometry ( $tt^*$  stands for topological-antitopological) was motivated by physics, but it turned out to unify ideas from such separate branches of mathematics as singularity theory, Hodge theory, integrable systems, matrix models, and Hurwitz spaces. The interaction among these fields suggested by  $tt^*$ -geometry has become a fast moving and exciting research area. This book, loosely based on the 2007 Augsburg, Germany workshop "From tQFT to  $tt^*$  and Integrability", is the perfect introduction to the range of mathematical topics relevant to  $tt^*$ -geometry. It begins with several surveys of the main features of  $tt^*$ -geometry, Frobenius manifolds, twistors, and related structures in algebraic and differential geometry, each starting from basic definitions and leading to current research. The volume moves on to explorations of current foundational issues in Hodge theory: higher weight phenomena in twistor theory and non-commutative Hodge structures and their relation to mirror symmetry. The book concludes with a series of applications to integrable systems and enumerative geometry, exploring further extensions and connections to physics. With its progression through introductory, foundational, and exploratory material, this book is an indispensable companion for anyone working in the subject or wishing to enter it.



[Read From Hodge Theory to Integrability and TQFT:  \$tt^\*\$ -geometry Online](#)



[Download PDF From Hodge Theory to Integrability and TQFT:  \$tt^\*\$ -geometry](#)

## Other Books



**[PDF] Boys not allowed to enter**

Click the web link listed below to download "Boys not allowed to enter" document.

[Read Book »](#)



**[PDF] Ninja Adventure Book: Ninja Book for Kids with Comic Illustration: Fart Book: Ninja Skateboard Farts (Perfect Ninja Books for Boys - Chapter Books for Kids Age 8 - 10 with Comic Pictures Audiobook with Book)**

Click the web link listed below to download "Ninja Adventure Book: Ninja Book for Kids with Comic Illustration: Fart Book: Ninja Skateboard Farts (Perfect Ninja Books for Boys - Chapter Books for Kids Age 8 - 10 with Comic Pictures Audiobook with Book)" document.

[Read Book »](#)



**[PDF] Some of My Best Friends Are Books : Guiding Gifted Readers from Preschool to High School**

Click the web link listed below to download "Some of My Best Friends Are Books : Guiding Gifted Readers from Preschool to High School" document.

[Read Book »](#)



**[PDF] Games with Books : 28 of the Best Childrens Books and How to Use Them to Help Your Child Learn - From Preschool to Third Grade**

Click the web link listed below to download "Games with Books : 28 of the Best Childrens Books and How to Use Them to Help Your Child Learn - From Preschool to Third Grade" document.

[Read Book »](#)



**[PDF] Bully, the Bullied, and the Not-So Innocent Bystander: From Preschool to High School and Beyond: Breaking the Cycle of Violence and Creating More Deeply Caring Communities**

Click the web link listed below to download "Bully, the Bullied, and the Not-So Innocent Bystander: From Preschool to High School and Beyond: Breaking the Cycle of Violence and Creating More Deeply Caring Communities" document.

[Read Book »](#)



**[PDF] Games with Books : Twenty-Eight of the Best Childrens Books and How to Use Them to Help Your Child Learn - from Preschool to Third Grade**

Click the web link listed below to download "Games with Books : Twenty-Eight of the Best Childrens Books and How to Use Them to Help Your Child Learn - from Preschool to Third Grade" document.

[Read Book »](#)