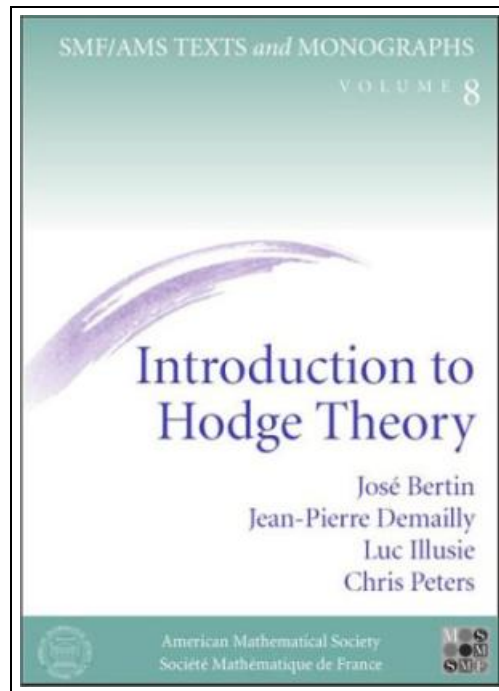


## Introduction to Hodge Theory



Filesize: 7.01 MB

### **Reviews**

*I actually started out looking at this publication. It normally is not going to cost too much. I am just happy to let you know that this is basically the finest publication i have got read through within my very own life and may be he very best publication for possibly.*  
*(Karelle Rippin)*

## INTRODUCTION TO HODGE THEORY



To get **Introduction to Hodge Theory** PDF, you should access the web link listed below and download the ebook or get access to additional information which are highly relevant to INTRODUCTION TO HODGE THEORY book.

American Mathematical Society. Paperback. Book Condition: new. BRAND NEW, Introduction to Hodge Theory, Jose Bertin, Jean-Pierre Demailly, Luc Illusie, Chris Peters, Hodge theory originated as an application of harmonic theory to the study of the geometry of compact complex manifolds. The ideas have proved to be quite powerful, leading to fundamentally important results throughout algebraic geometry. This book consists of expositions of various aspects of modern Hodge theory. Its purpose is to provide the nonexpert reader with a precise idea of the current status of the subject. The three chapters develop distinct but closely related subjects:  $L^2$  Hodge theory and vanishing theorems; Frobenius and Hodge degeneration; variations of Hodge structures and mirror symmetry. The techniques employed cover a wide range of methods borrowed from the heart of mathematics: elliptic PDE theory, complex differential geometry, algebraic geometry in characteristic  $p$ , cohomological and sheaf-theoretic methods, deformation theory of complex varieties, Calabi-Yau manifolds, singularity theory, etc. A special effort has been made to approach the various themes from their most natural starting points. Each of the three chapters is supplemented with a detailed introduction and numerous references. The reader will find precise statements of quite a number of open problems that have been the subject of active research in recent years. The reader should have some familiarity with differential and algebraic geometry, with other prerequisites varying by chapter. The book is suitable as an accompaniment to a second course in algebraic geometry.



[Read Introduction to Hodge Theory Online](#)



[Download PDF Introduction to Hodge Theory](#)



[Download ePUB Introduction to Hodge Theory](#)

## See Also



**[PDF] Genuine] kindergarten curriculum theory and practice(Chinese Edition)**

Follow the link beneath to read "Genuine] kindergarten curriculum theory and practice(Chinese Edition)" PDF document.

[Save ePub](#)

»



**[PDF] The Well-Trained Mind: A Guide to Classical Education at Home (Hardback)**

Follow the link beneath to read "The Well-Trained Mind: A Guide to Classical Education at Home (Hardback)" PDF document.

[Save ePub](#)

»



**[PDF] Children s Educational Book: Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius. Age 7 8 9 10 Year-Olds. [Us English]**

Follow the link beneath to read "Children s Educational Book: Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius. Age 7 8 9 10 Year-Olds. [Us English]" PDF document.

[Save ePub](#)

»



**[PDF] Children s Educational Book Junior Leonardo Da Vinci : An Introduction to the Art, Science and Inventions of This Great Genius Age 7 8 9 10 Year-Olds. [British English]**

Follow the link beneath to read "Children s Educational Book Junior Leonardo Da Vinci : An Introduction to the Art, Science and Inventions of This Great Genius Age 7 8 9 10 Year-Olds. [British English]" PDF document.

[Save ePub](#)

»



**[PDF] Crochet: Learn How to Make Money with Crochet and Create 10 Most Popular Crochet Patterns for Sale: ( Learn to Read Crochet Patterns, Charts, and Graphs, Beginner s Crochet Guide with Pictures)**

Follow the link beneath to read "Crochet: Learn How to Make Money with Crochet and Create 10 Most Popular Crochet Patterns for Sale: ( Learn to Read Crochet Patterns, Charts, and Graphs, Beginner s Crochet Guide with Pictures)" PDF document.

[Save ePub](#)

»



**[PDF] The Trouble with Trucks: First Reading Book for 3 to 5 Year Olds**

Follow the link beneath to read "The Trouble with Trucks: First Reading Book for 3 to 5 Year Olds" PDF document.

[Save ePub](#)

»

**[PDF] scientific literature retrieval practical tutorial(Chinese Edition)**

Click the web link under to download "scientific literature retrieval practical tutorial(Chinese Edition)" document.

[Download Book](#)

»

**[PDF] Kingfisher Readers: What Animals Eat (Level 2: Beginning to Read Alone) (Unabridged)**

Click the web link under to download "Kingfisher Readers: What Animals Eat (Level 2: Beginning to Read Alone) (Unabridged)" document.

[Download Book](#)

»

**[PDF] Do Monsters Wear Undies Coloring Book: A Rhyming Children s Coloring Book**

Click the web link under to download "Do Monsters Wear Undies Coloring Book: A Rhyming Children s Coloring Book" document.

[Download Book](#)

»

**[PDF] Dont Line Their Pockets With Gold Line Your Own A Small How To Book on Living Large**

Click the web link under to download "Dont Line Their Pockets With Gold Line Your Own A Small How To Book on Living Large" document.

[Download Book](#)

»

**[PDF] My Brother is Autistic**

Click the web link under to download "My Brother is Autistic" document.

[Download Book](#)

»

**[PDF] The Mystery of God s Evidence They Don t Want You to Know of**

Click the web link under to download "The Mystery of God s Evidence They Don t Want You to Know of" document.

[Download Book](#)

»