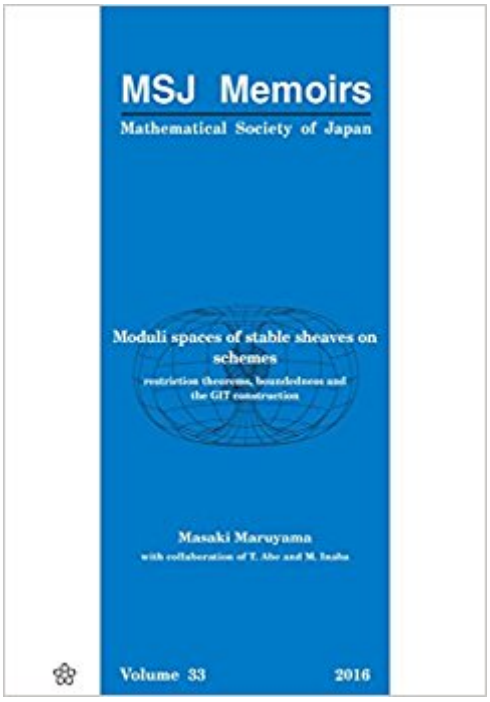
Ebook Directory
the best source of ebook

The book was found

Moduli Spaces Of Stable Sheaves On Schemes: Restriction Theorems, Boundedness And The GIT Construction (Mathematical Society Of Japan Memoirs)



PDF
Adobe
DOWNLOAD EBOOK

Synopsis

The notion of stability for algebraic vector bundles on curves was originally introduced by Mumford, and moduli spaces of semi-stable vector bundles were studied intensively by Indian mathematicians. The notion of stability for algebraic sheaves was generalized to higher dimensional varieties. The study of moduli spaces of algebraic sheaves not only on curves but also on higher dimensional algebraic varieties has attracted much interest for decades and its importance has been increasing not only in algebraic geometry but also in related fields as differential geometry, mathematical physics. Masaki Maruyama is one of the pioneers in the theory of algebraic vector bundles on higher dimensional algebraic varieties. This book is a posthumous publication of his manuscript. It starts with basic concepts such as stability of sheaves, Harder-Narasimhan filtration and generalities on boundedness of sheaves. It then presents fundamental theorems on semi-stable sheaves: restriction theorems of semi-stable sheaves, boundedness of semi-stable sheaves, tensor products of semi-stable sheaves. Finally, after constructing quote-schemes, it explains the construction of the moduli space of semi-stable sheaves. The theorems are stated in a general setting and the proofs are rigorous.

Book Information

Series: Mathematical Society of Japan Memoirs (Book 33)
Paperback: 154 pages
Publisher: Mathematical Society of Japan (September 18, 2016)
Language: English
ISBN-10: 4864970343
ISBN-13: 978-4864970341
Product Dimensions: 6.8 x 0.4 x 9.7 inches
Shipping Weight: 11.2 ounces (View shipping rates and policies)
Average Customer Review: Be the first to review this item
Best Sellers Rank: #1,770,105 in Books (See Top 100 in Books) #81 inÃ Â Books > Science & Math > Mathematics > Research #264 inÃ Â Books > Science & Math > Mathematics > Geometry & Topology > Algebraic Geometry #968 inÃ Â Books > Textbooks > Science & Mathematics > Mathematics > Geometry

Customer Reviews

The notion of stability for algebraic vector bundles on curves was originally introduced by Mumford, and moduli spaces of semi-stable vector bundles were studied intensively by Indian

mathematicians. The notion of stability for algebraic sheaves was generalized to higher dimensional varieties. The study of moduli spaces of algebraic sheaves not only on curves but also on higher dimensional algebraic varieties has attracted much interest for decades and its importance has been increasing not only in algebraic geometry but also in related fields as differential geometry, mathematical physics. Masaki Maruyama is one of the pioneers in the theory of algebraic vector bundles on higher dimensional algebraic varieties. This book is a posthumous publication of his manuscript. It starts with basic concepts such as stability of sheaves, Harder-Narasimhan filtration and generalities on boundedness of sheaves. It then presents fundamental theorems on semi-stable sheaves: restriction theorems of semi-stable sheaves, boundedness of semi-stable sheaves, tensor products of semi-stable sheaves. Finally, after constructing quote-schemes, it explains the construction of the moduli space of semi-stable sheaves. The theorems are stated in a general setting and the proofs are rigorous.

Download to continue reading...

Moduli Spaces of Stable Sheaves on Schemes: Restriction Theorems, Boundedness and the GIT Construction (Mathematical Society of Japan Memoirs) Crime Pays! Scoundrels and Their Crooked Schemes: Volume One (Crime Pays: Scoundrels and Their Crooked Schemes Book 1) Japan: The Ultimate Japan Travel Guide By A Traveler For A Traveler: The Best Travel Tips; Where To Go, What To See And Much More (Japan Travel Guide, ... Guide, Japan Tour, History, Kyoto Guide,) Japan Travel Guide: The Ultimate Japan Travel Guide for Curious, Fun and Adventurous Travelers - Experience the Best of Japan's Culture, History, Tours, ... Japan Travel, Tokyo Guide, Kyoto Guide) Japan: The Ultimate Japan Travel Guide By A Traveler For A Traveler: The Best Travel Tips; Where To Go, What To See And Much More (Lost Travelers, ... Guide, Japan Tour, Best Of JAPAN Travel) Japan Travel Guide: The Ultimate Japan Travel Guide for Curious, Fun and Adventurous Travelers - Experience the Best of Japan's Culture, History, ... Japan Travel, Tokyo Guide, Kyoto Guide) Japan: The Ultimate Japan Travel Guide By A Traveler For A Traveler: The Best Travel Tips; Where To Go, What To See And Much More (Lost Travelers ... Kyoto Guide, Japan Tour, Budget Japan Travel) Japan: Japan Travel Guide: 101 Coolest Things to Do in Japan (Tokyo Travel, Kyoto Travel, Osaka Travel, Hiroshima, Budget Travel Japan) Japan: 101 Awesome Things You Must Do In Japan: Japan Travel Guide To The Land Of The Rising Sun. The True Travel Guide from a True Traveler. All You Need To Know About Japan. Japan: Japan Travel Guide: The 30 Best Tips For Your Trip To Japan - The Places You Have To See (Tokyo, Kyoto, Osaka, Japan Travel Book 1) Japan: Japan Travel Guide: The 30 Best Tips For Your Trip To Japan - The Places You Have To See (Tokyo, Kyoto, Osaka, Japan Travel) (Volume 1) Mathematical Handbook for Scientists and Engineers:

Definitions, Theorems, and Formulas for Reference and Review (Dover Civil and Mechanical Engineering) Recursion Theory, Godel's Theorems, Set Theory, Model Theory (Mathematical Logic: A Course With Exercises, Part II) Equivariant Sheaves and Functors (Lecture Notes in Mathematics) Pro Git Tokyo Travel Guide - Best of Tokyo - Your #1 Itinerary Planner for What to See, Do, and Eat in Tokyo, Japan (Tokyo Travel Guide, Tokyo Travel, Tokyo Japan) (Wanderlust Pocket Guides - Japan) Construction Contract Dispute and Claim Handbook, Introduction, and Division 01: A Primer on the Nature of Construction Contract Disputes for Attorneys, ... (Construction Contract Dispute Handbook) 2016 National Construction Estimator (National Construction Estimator) (National Construction Estimator (W/CD)) The Art and Science of Low Carbohydrate Living: An Expert Guide to Making the Life-Saving Benefits of Carbohydrate Restriction Sustainable and Enjoyable An Introduction to Sobolev Spaces and Interpolation Spaces (Lecture Notes of the Unione Matematica Italiana)

Contact Us

DMCA

Privacy

FAQ & Help