



## Algebraic Surfaces and Holomorphic Vector Bundles

By Friedman, Robert

Book Condition: New. Publisher/Verlag: Springer, Berlin | A novel feature of the book is its integrated approach to algebraic surface theory and the study of vector bundle theory on both curves and surfaces. While the two subjects remain separate through the first few chapters, they become much more tightly interconnected as the book progresses. Thus vector bundles over curves are studied to understand ruled surfaces, and then reappear in the proof of Bogomolov's inequality for stable bundles, which is itself applied to study canonical embeddings of surfaces via Reider's method. Similarly, ruled and elliptic surfaces are discussed in detail, before the geometry of vector bundles over such surfaces is analysed. Many of the results on vector bundles appear for the first time in book form, backed by many examples, both of surfaces and vector bundles, and over 100 exercises forming an integral part of the text. Aimed at graduates with a thorough first-year course in algebraic geometry, as well as more advanced students and researchers in the areas of algebraic geometry, gauge theory, or 4-manifold topology, many of the results on vector bundles will also be of interest to physicists studying string theory. | 1 Curves on a Surface.- Invariants...



**READ ONLINE**  
[ 1.28 MB ]

### Reviews

*An extremely amazing book with lucid and perfect reasons. It is actually written in easy words and phrases and never confusing. Your life period will likely be transformed the instant you fully look over this ebook.*

-- Tracy Keeling

*This publication can be worth a read through, and far better than other. It normally will not charge too much. Your life period will likely be enhanced as soon as you comprehensively read this article pdf.*

-- Joyce Boyle

See Also



[Read Write Inc. Phonics: Blue Set 6 Non-Fiction 2 How to Make a Peach Treat](#)

Oxford University Press, United Kingdom, 2016. Paperback. Book Condition: New. 205 x 74 mm. Language: N/A. Brand New Book. These decodable non-fiction books provide structured practice for children learning to read. Each set of books is carefully levelled to match childrens growing...



[Read Write Inc. Phonics: Grey Set 7 Non-Fiction 2 a Flight to New York](#)

Oxford University Press, United Kingdom, 2016. Paperback. Book Condition: New. 213 x 98 mm. Language: N/A. Brand New Book. These decodable non-fiction books provide structured practice for children learning to read. Each set of books is carefully levelled to match childrens growing...



[101 Ways to Beat Boredom: NF Brown B/3b](#)

Pearson Education Limited. Paperback. Book Condition: new. BRAND NEW, 101 Ways to Beat Boredom: NF Brown B/3b, Anna Claybourne, This title is part of Bug Club, the first whole-school reading programme to combine books with an online reading world to teach today's...



[Would It Kill You to Stop Doing That?](#)

Book Condition: New. Publisher/Verlag: Little, Brown Book Group | A Modern Guide to Manners | A laugh-out-loud guide to modern manners by acclaimed humorist, author, and Vanity Fair columnist Henry Alford. | A few years ago, humorist and journalist Henry Alford found...



[Read Write Inc. Phonics: Yellow Set 5 Non-Fiction 3 Fun at the Fair](#)

Oxford University Press, United Kingdom, 2016. Paperback. Book Condition: New. 207 x 170 mm. Language: N/A. Brand New Book. These decodable non-fiction books provide structured practice for children learning to read. Each set of books is carefully levelled to match childrens growing...



[Read Write Inc. Phonics: Blue Set 6 Non-Fiction 3 on Your Bike](#)

Oxford University Press, United Kingdom, 2016. Paperback. Book Condition: New. 199 x 97 mm. Language: N/A. Brand New Book. These decodable non-fiction books provide structured practice for children learning to read. Each set of books is carefully levelled to match childrens growing...