

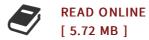
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Lectures on Kahler Geometry (Hardback)

By Andrei Moroianu

CAMBRIDGE UNIVERSITY PRESS, United Kingdom, 2012. Hardback. Book Condition: New. 230 x 156 mm. Language: English . Brand New Book ***** Print on Demand *****.Kahler geometry is a beautiful and intriguing area of mathematics, of substantial research interest to both mathematicians and physicists. This self-contained graduate text provides a concise and accessible introduction to the topic. The book begins with a review of basic differential geometry, before moving on to a description of complex manifolds and holomorphic vector bundles. Kahler manifolds are discussed from the point of view of Riemannian geometry, and Hodge and Dolbeault theories are outlined, together with a simple proof of the famous Kahler identities. The final part of the text studies several aspects of compact Kahler manifolds: the Calabi conjecture, Weitzenbock techniques, Calabi-Yau manifolds, and divisors. All sections of the book end with a series of exercises and students and researchers working in the fields of algebraic and differential geometry and theoretical physics will find that the book provides them with a sound understanding of this theory.



Reviews

Very beneficial to all category of folks. We have study and that i am sure that i will planning to go through yet again again in the future. Its been printed in an extremely straightforward way in fact it is just soon after i finished reading this pdf where actually changed me, alter the way i really believe.

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Comprehensive information! Its this sort of great go through. It really is rally interesting through studying time. I am just quickly can get a satisfaction of looking at a created pdf.

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