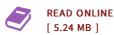# Lecture Notes on Local Rings

By Birger Iversen, Holger Andreas Nielsen

World Scientific Publishing Co Pte Ltd. Hardback. Book Condition: new. BRAND NEW, Lecture Notes on Local Rings, Birger Iversen, Holger Andreas Nielsen, The content in Chapter 1–3 is a fairly standard one-semester course on local rings with the goal to reach the fact that a regular local ring is a unique factorization domain. The homological machinery is also supported by Cohen–Macaulay rings and depth. In Chapters 4–6 the methods of injective modules, Matlis duality and local cohomology are discussed. Chapters 7–9 are not so standard and introduce the reader to the generalizations of modules to complexes of modules. Some of Professor Iversen's results are given in Chapter 9. Chapter 10 is about Serre's intersection conjecture. The graded case is fully exposed. The last chapter introduces the reader to Fitting ideals and McRae invariants.

READ ONLINE
[5.24 MB]

Reviews

This kind of publication is every thing and taught me to seeking ahead and a lot more. It really is rally interesting throgh reading through time. I realized this ebook from my i and dad recommended this publication to understand.
-- Dax Herzog

This pdf is definitely not straightforward to get started on studying but extremely exciting to see. It generally does not charge an excessive amount of. Your lifestyle period is going to be convert once you full looking over this publication.
-- Elliott Rempel MD