

[DOWNLOAD](#)

Learning Modern Algebra (Hardback)

By Al Cuoco, Joseph J. Rotman

Mathematical Association of America, United States, 2015. Hardback. Book Condition: New. 269 x 190 mm. Language: English . Brand New Book. Much of modern algebra arose from attempts to prove Fermat's Last Theorem, which in turn has its roots in Diophantus' classification of Pythagorean triples. This book, designed for prospective and practising mathematics teachers, makes explicit connections between the ideas of abstract algebra and the mathematics taught at high-school level. Algebraic concepts are presented in historical order, and the book also demonstrates how other important themes in algebra arose from questions related to teaching. The focus is on number theory, polynomials, and commutative rings. Group theory is introduced near the end of the text to explain why generalisations of the quadratic formula do not exist for polynomials of high degree, allowing the reader to appreciate the work of Galois and Abel. Results are motivated with specific examples, and applications range from the theory of repeating decimals to the use of imaginary quadratic fields to construct problems with rational solutions.



[READ ONLINE](#)
[5.99 MB]

Reviews

It is one of my personal favorite pdf. This really is for all those who state there was not a really worth looking at. I realized this book from my dad and he encouraged this pdf to understand.

-- **Katlynn Haag**

This ebook will be worth acquiring. It is actually written in basic phrases instead of hard to understand. It is extremely difficult to leave it before concluding, once you begin to read the book.

-- **Trystan Yundt**

Related Books



[Fox at School: Level 3](#)

Penguin Young Readers Group, United States, 1993. Paperback. Book Condition: New. James Marshall (illustrator). Reissue. 224 x 147 mm. Language: English . Brand New Book. Using their cache of already published easy-to-read books, Puffin launched their Easy-to-Read program. Favorite stories by such...



[DK Readers Day at Greenhill Farm Level 1 Beginning to Read](#)

DK CHILDREN. Paperback. Book Condition: New. Paperback. 32 pages. Dimensions: 8.8in. x 5.7in. x 0.2in. This Level 1 book is appropriate for children who are just beginning to read. When the rooster crows, Greenhill Farm springs to life. Join the ducklings, cows, and...



[Primary language of primary school level evaluation: primary language happy reading \(grade 6\)\(Chinese Edition\)](#)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Paperback. Pub Date :2012-07-01 Pages: 92 Publisher: Tibet People's Publishing House basic information about the title: the primary school level evaluation...



[Some of My Best Friends Are Books : Guiding Gifted Readers from Preschool to High School](#)

Book Condition: Brand New. Book Condition: Brand New.



[Bully, the Bullied, and the Not-So Innocent Bystander: From Preschool to High School and Beyond: Breaking the Cycle of Violence and Creating More Deeply Caring Communities](#)

HarperCollins Publishers Inc, United States, 2016. Paperback. Book Condition: New. Reprint. 203 x 135 mm. Language: English . Brand New Book. An international bestseller, Barbara Coloroso's groundbreaking and trusted guide on bullying-including cyberbullying-arms parents and teachers with real solutions for a...



[Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications .](#)

Rarebooksclub.com, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****. This historic book may have numerous typos and missing text. Purchasers can usually download a free scanned copy of the...