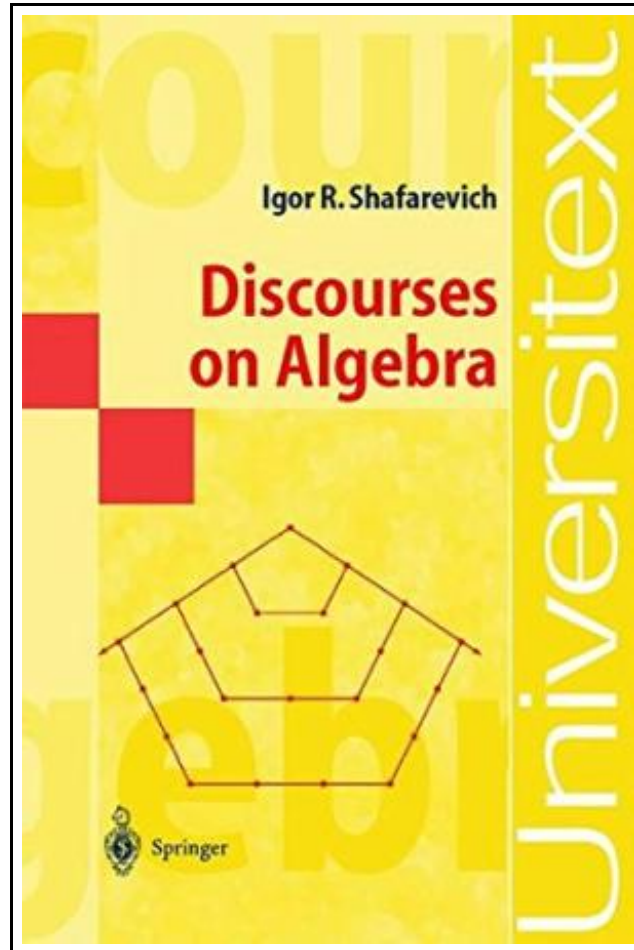


## Discourses on Algebra



Filesize: 2.8 MB

### ***Reviews***

*This publication could be worth a read through, and far better than other. This is certainly for all those who statte there was not a worth reading through. You may like just how the author compose this publication.*

***(Dr. Kayley Kovacek PhD)***

## DISCOURSES ON ALGEBRA

DOWNLOAD



Book Condition: New. Publisher/Verlag: Springer, Berlin | The classic geometry of Euclid has attracted many for its beauty, elegance, and logical cohesion. In this book, the leading Russian algebraist I.R. Shafarevich argues with examples that algebra is no less beautiful, elegant, and logically cohesive than geometry. It contains an exposition of some rudiments of algebra, number theory, set theory and probability presupposing very limited knowledge of mathematics. I.R. Shafarevich is known to be one of the best mathematicians of the 20th century, as well as one of the leading mathematical writers. | 1. Integers (Topic: Numbers).- 1.  $\sqrt{2}$  Is Not Rational.- 2. The Irrationality of Other Square Roots.- 3. Decomposition into Prime Factors.- 2. Simplest Properties of Polynomials (Topic: Polynomials).- 4. Roots and the Divisibility of Polynomials.- 5. Multiple Roots and the Derivative.- 6. Binomial Formula.- Supplement: Polynomials and Bernoulli Numbers.- 3. Finite Sets (Topic: Sets).- 7. Sets and Subsets.- 8. Combinatorics.- 9. Set Algebra.- 10. The Language of Probability.- Supplement: The Chebyshev Inequality.- 4. Prime Numbers (Topic: Numbers).- 11. The Number of Prime Numbers is Infinite.- 12. Euler's Proof That the Number of Prime Numbers is Infinite.- 13. Distribution of Prime Numbers.- Supplement: The Chebyshev Inequality for  $\pi(n)$ .- 5. Real Numbers and Polynomials (Topic: Numbers and Polynomials).- 14. Axioms of the Real Numbers.- 15. Limits and Infinite Sums.- 16. Representation of Real Numbers as Decimal Fractions.- 17. Real Roots of Polynomials.- Supplement: Sturm's Theorem.- 6. Infinite Sets (Topic: Sets).- 18. Equipotence.- 19. Continuum.- 20. Thin Sets.- Supplement: Normal Numbers.- 7. Power Series (Topic: Polynomials).- 21. Polynomials as Generating Functions.- 22. Power Series.- 23. Partition Numerorum.- Supplement 1: The Euler Pentagon Theorem.- Supplement 2: Generating Function for Bernoulli Numbers.- Dates of Lives of Mathematicians Mentioned in the Text. | Format: Hardback | Language/Sprache: english | 458 gr | 279 pp.



[Read Discourses on Algebra Online](#)

[Download PDF Discourses on Algebra](#)

## Related eBooks



### **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...

[Save Document »](#)



### **Violet Rose and the Surprise Party**

Book Condition: New. Publisher/Verlag: Nosy Crow | With activities, 3D press-out models and over 175 stickers! Plus free games and printables online! | When busy rabbit, Violet Rose, discovers that her friend Lily has a...

[Save Document »](#)



### **Read Write Inc. Phonics: Orange Set 4 Storybook 2 I Think I Want to be a Bee (Paperback)**

Oxford University Press, United Kingdom, 2016. Paperback. Book Condition: New. Tim Archbold (illustrator). 209 x 149 mm. Language: N/A. Brand New Book. These engaging Storybooks provide structured practice for children learning to read the Read...

[Save Document »](#)



### **Too Old for Motor Racing: A Short Story in Case I Didnt Live Long Enough to Finish Writing a Longer One**

Balboa Press. Paperback. Book Condition: New. Paperback. 106 pages. Dimensions: 9.0in. x 6.0in. x 0.3in. We all have dreams of what we want to do and who we want to become. Many of us eventually decide...

[Save Document »](#)



### **The Lalaurie Horror**

Saint James Infirmary Books. Paperback. Book Condition: New. Paperback. 150 pages. Dimensions: 8.0in. x 5.0in. x 0.3in. Cited as a resource by world-renowned, French criminologist, Stphane Bourgoïn, a foremost authority on serial killers. Twice Nominated for...

[Save Document »](#)

**Oxford Reading Tree Read with Biff, Chip, and Kipper: Phonics: Level 2: Cat in a Bag (Hardback)**

Oxford University Press, United Kingdom, 2011. Hardback. Book Condition: New. 172 x 142 mm. Language: English . Brand New Book. Read With Biff, Chip and Kipper is the UK s best-selling home reading series. It

[Save eBook »](#)

**Who Am I in the Lives of Children? an Introduction to Early Childhood Education with Enhanced Pearson Etext -- Access Card Package (Paperback)**

Pearson, United States, 2015. Paperback. Book Condition: New. 10th. 251 x 203 mm. Language: English . Brand New Book. NOTE: Used books, rentals, and purchases made outside of Pearson If purchasing or renting from companies

[Save eBook »](#)

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

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

[Save eBook »](#)

**Read Write Inc. Phonics: Green Set 1 Storybook 9 Pip s Pizza (Paperback)**

Oxford University Press, United Kingdom, 2016. Paperback. Book Condition: New. Tim Archbold (illustrator). 163 x 148 mm. Language: N/A. Brand New Book. These engaging Storybooks provide structured practice for children learning to read the Read

[Save eBook »](#)

**Read Write Inc. Phonics: Set 7 Non-Fiction 3 the Ice and Snow Book (Paperback)**

Oxford University Press, United Kingdom, 2016. Paperback. Book Condition: New. 207 x 86 mm. Language: N/A. Brand New Book. These decodable non-fiction books provide structured practice for children learning to read. Each set of books

[Save eBook »](#)