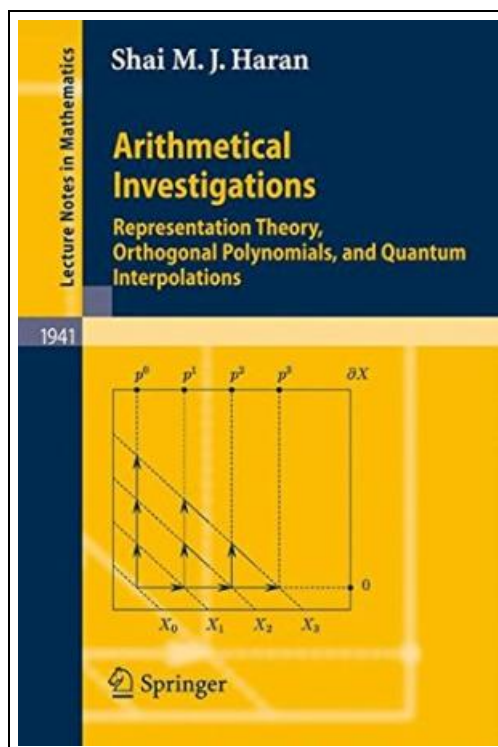


Arithmetical Investigations: Representation Theory, Orthogonal Polynomials, and Quantum Interpolations



Filesize: 3.38 MB

Reviews

It becomes an remarkable publication that we have possibly go through. It is among the most remarkable book i actually have read through. Your lifestyle period will likely be transform when you total reading this publication.
(Dominique Bergstrom)

ARITHMETICAL INVESTIGATIONS: REPRESENTATION THEORY, ORTHOGONAL POLYNOMIALS, AND QUANTUM INTERPOLATIONS

[DOWNLOAD](#)

Springer. Paperback. Book Condition: New. Paperback. 222 pages. Dimensions: 9.3in. x 6.1in. x 0.6in. In this volume the author further develops his philosophy of quantum interpolation between the real numbers and the p-adic numbers. The p-adic numbers contain the p-adic integers \mathbb{Z}_p which are the inverse limit of the finite rings \mathbb{Z}_p^n . This gives rise to a tree, and probability measures w on \mathbb{Z}_p correspond to Markov chains on this tree. From the tree structure one obtains special basis for the Hilbert space $L^2(\mathbb{Z}_p, w)$. The real analogue of the p-adic integers is the interval $[-1, 1]$, and a probability measure w on it gives rise to a special basis for $L^2([-1, 1], w)$ - the orthogonal polynomials, and to a Markov chain on finite approximations of $[-1, 1]$. For special (gamma and beta) measures there is a quantum or q-analogue Markov chain, and a special basis, that within certain limits yield the real and the p-adic theories. This idea can be generalized variously. In representation theory, it is the quantum general linear group $GL_n(q)$ that interpolates between the p-adic group $GL_n(\mathbb{Z}_p)$, and between its real (and complex) analogue - the orthogonal O_n (and unitary U_n) groups. There is a similar quantum interpolation between the real and p-adic Fourier transform and between the real and p-adic (local unramified part of) Tate thesis, and Weil explicit sums. This item ships from multiple locations. Your book may arrive from Roseburg, OR, La Vergne, TN. Paperback.



[Read Arithmetical Investigations: Representation Theory, Orthogonal Polynomials, and Quantum Interpolations Online](#)



[Download PDF Arithmetical Investigations: Representation Theory, Orthogonal Polynomials, and Quantum Interpolations](#)

Other eBooks



Growing Up: From Baby to Adult High Beginning Book with Online Access

Cambridge University Press, 2014. UNK. Book Condition: New. New Book. Shipped from US within 10 to 14 business days. Established seller since 2000.

[Save eBook »](#)



Games with Books : 28 of the Best Childrens Books and How to Use Them to Help Your Child Learn - From Preschool to Third Grade

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

[Save eBook »](#)



Games with Books : Twenty-Eight of the Best Childrens Books and How to Use Them to Help Your Child Learn - from Preschool to Third Grade

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

[Save eBook »](#)



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...

[Save eBook »](#)



The Trouble with Trucks: First Reading Book for 3 to 5 Year Olds

Anness Publishing. Paperback. Book Condition: new. BRAND NEW, The Trouble with Trucks: First Reading Book for 3 to 5 Year Olds, Nicola Baxter, Geoff Ball, This is a super-size first reading book for 3-5 year...

[Save eBook »](#)

**Children s Educational Book: Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius. Age 7 8 9 10 Year-Olds. [Us English]**

Createspace, United States, 2013. Paperback. Book Condition: New. 254 x 178 mm. Language: English . Brand New Book ***** Print on Demand *****.ABOUT SMART READS for Kids . Love Art, Love Learning Welcome. Designed to

[Read Book »](#)

**Joey Green's Rainy Day Magic: 1258 Fun, Simple Projects to Do with Kids Using Brand-name Products**

Fair Winds Press, 2006. Paperback. Book Condition: New. Brand new books and maps available immediately from a reputable and well rated UK bookseller - not sent from the USA; despatched promptly and reliably worldwide by

[Read Book »](#)

**You Shouldn't Have to Say Goodbye: It's Hard Losing the Person You Love the Most**

Sourcebooks, Inc. Paperback / softback. Book Condition: new. BRAND NEW, You Shouldn't Have to Say Goodbye: It's Hard Losing the Person You Love the Most, Patricia Hermes, Thirteen-year-old Sarah Morrow doesn't think much of the

[Read Book »](#)

**Comic Illustration Book For Kids With Dog Farts FART BOOK Blaster Boomer Slammer Popper, Banger Volume 1 Part 1**

CreateSpace Independent Publishing Platform. Paperback. Book Condition: New. This item is printed on demand. Paperback. 234 pages. Dimensions: 9.0in. x 6.0in. x 0.5in.BONUS - Includes FREE Dog Farts Audio Book for Kids Inside! For a

[Read Book »](#)

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

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

[Read Book »](#)