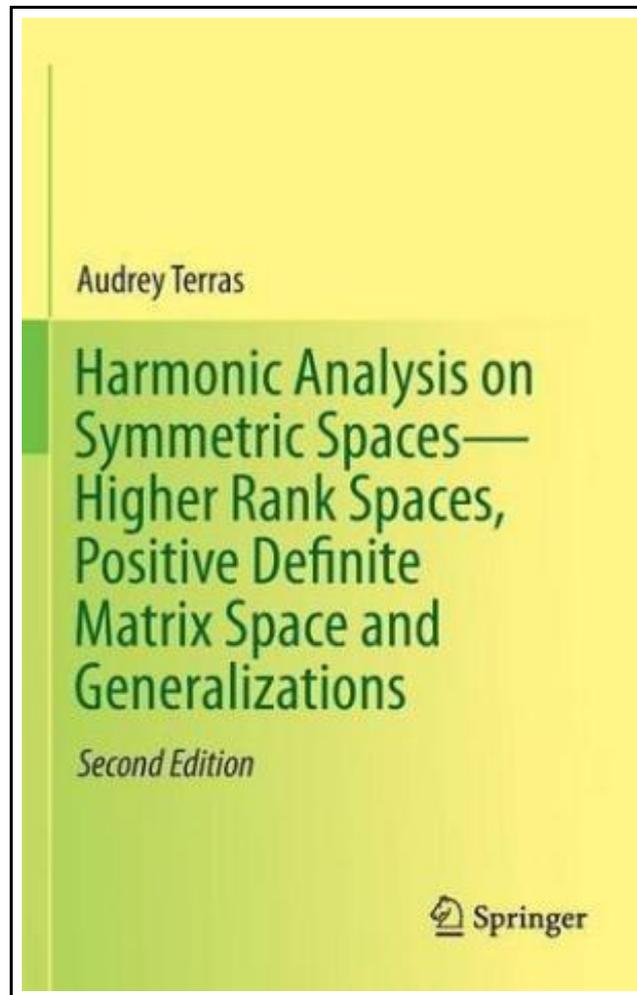


Harmonic Analysis on Symmetric Spaces-Higher Rank Spaces, Positive Definite Matrix Space and Generalizations 2016 (Hardback)



Filesize: 9.27 MB

Reviews

Comprehensive guide for pdf lovers. It generally is not going to charge too much. You may like just how the article writer write this book.

(Neva Hammes MD)

HARMONIC ANALYSIS ON SYMMETRIC SPACES-HIGHER RANK SPACES, POSITIVE DEFINITE MATRIX SPACE AND GENERALIZATIONS 2016 (HARDBACK)



Springer-Verlag New York Inc., United States, 2016. Hardback. Book Condition: New. 2nd Revised edition. 235 x 155 mm. Language: English . Brand New Book. This text is an introduction to harmonic analysis on symmetric spaces, focusing on advanced topics such as higher rank spaces, positive definite matrix space and generalizations. It is intended for beginning graduate students in mathematics or researchers in physics or engineering. As with the introductory book entitled Harmonic Analysis on Symmetric Spaces - Euclidean Space, the Sphere, and the Poincare Upper Half Plane, the style is informal with an emphasis on motivation, concrete examples, history, and applications. The symmetric spaces considered here are quotients $X=G/K$, where G is a non-compact real Lie group, such as the general linear group $GL(n,P)$ of all $n \times n$ non-singular real matrices, and $K=O(n)$, the maximal compact subgroup of orthogonal matrices. Other examples are Siegel s upper half plane and the quaternionic upper half plane . In the case of the general linear group, one can identify X with the space P_n of $n \times n$ positive definite symmetric matrices. Many corrections and updates have been incorporated in this new edition. Updates include discussions of random matrix theory and quantum chaos, as well as recent research on modular forms and their corresponding L-functions in higher rank. Many applications have been added, such as the solution of the heat equation on P_n , the central limit theorem of Donald St. P. Richards for P_n , results on densest lattice packing of spheres in Euclidean space, and $GL(n)$ -analogs of the Weyl law for eigenvalues of the Laplacian in plane domains. Topics featured throughout the text include inversion formulas for Fourier transforms, central limit theorems, fundamental domains in X for discrete groups Γ (such as the modular group $GL(n,Z)$ of $n \times n$ matrices with...



[Read Harmonic Analysis on Symmetric Spaces-Higher Rank Spaces, Positive Definite Matrix Space and Generalizations 2016 \(Hardback\) Online](#)



[Download PDF Harmonic Analysis on Symmetric Spaces-Higher Rank Spaces, Positive Definite Matrix Space and Generalizations 2016 \(Hardback\)](#)

Relevant eBooks



My Windows 8.1 Computer for Seniors (2nd Revised edition)

Pearson Education (US). Paperback. Book Condition: new. BRAND NEW, My Windows 8.1 Computer for Seniors (2nd Revised edition), Michael Miller, Easy, clear, readable, and focused on what you want to do Step-by-step instructions for the...

[Save ePub »](#)



My Life as a Third Grade Zombie: Plus Free Online Access (Hardback)

Gallopade International, United States, 2013. Hardback. Book Condition: New. 224 x 142 mm. Language: English . Brand New Book. When you purchase the Library Bound mystery you will receive FREE online eBook access! Carole Marsh...

[Save ePub »](#)



I Am Reading: Nurturing Young Children s Meaning Making and Joyful Engagement with Any Book (Paperback)

Heinemann Educational Books, United States, 2015. Paperback. Book Condition: New. 234 x 185 mm. Language: English . Brand New Book. It s vital that we support young children s reading in ways that nurture healthy...

[Save ePub »](#)



Oxford Reading Tree Read with Biff, Chip, and Kipper: Phonics: Level 3: Such a Fuss (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 ePub »](#)



Oxford Reading Tree Read with Biff, Chip, and Kipper: Phonics: Level 6: Gran s New Blue Shoes (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 ePub »](#)