



## Symmetry, Representations, and Invariants

By Nolan R. Wallach

Springer. Paperback. Book Condition: New. Paperback. 716 pages. Dimensions: 9.3in. x 6.0in. x 1.8in. Symmetry is a key ingredient in many mathematical, physical, and biological theories. Using representation theory and invariant theory to analyze the symmetries that arise from group actions, and with strong emphasis on the geometry and basic theory of Lie groups and Lie algebras, *Symmetry, Representations, and Invariants* is a significant reworking of an earlier highly-acclaimed work by the authors. The result is a comprehensive introduction to Lie theory, representation theory, invariant theory, and algebraic groups, in a new presentation that is more accessible to students and includes a broader range of applications. The philosophy of the earlier book is retained, i. e. , presenting the principal theorems of representation theory for the classical matrix groups as motivation for the general theory of reductive groups. The wealth of examples and discussion prepares the reader for the complete arguments now given in the general case. Key Features of *Symmetry, Representations, and Invariants*: (1) Early chapters suitable for honors undergraduate or beginning graduate courses, requiring only linear algebra, basic abstract algebra, and advanced calculus; (2) Applications to geometry (curvature tensors), topology (Jones polynomial via symmetry), and combinatorics (symmetric group and Young...



**READ ONLINE**  
[ 8.34 MB ]

### Reviews

*This pdf is worth buying. It is actually written in basic words and not confusing. It's been printed in a remarkably basic way in fact it is merely following the finished reading of this publication through which really altered me, affect the way I really believe.*

-- **Dr. Linwood Lehner IV**

*Most of these ebooks is the best publication available. It is definitely simplistic but unexpected situations within the 50 percent of the book. You will not sense monotony at any moment of the time (that's what catalogs are for relating to in the event you request me).*

-- **King Wunsch**

## Relevant Books



### **TJ new concept of the Preschool Quality Education Engineering: new happy learning young children (3-5 years old) daily learning book Intermediate (2)(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 :2005-09-01 Publisher: Chinese children before making Reading: All books are the Youth Pre-employment Training software download generated pictures...



### **TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (3-5 years) Intermediate (3)(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 :2005-09-01 Publisher: Chinese children before making Reading: All books are the Youth Pre-employment Training software download generated pictures...



### **McGraw-Hill Reading Phonics And Phonemic Awareness Practice Book, Grade 3 (2001 Copyright)**

McGraw-Hill, 2001. Soft cover. Book Condition: Brand New. Dust Jacket Condition: No Dust Jacket. Brand New 2001 Copyright, Grade 3 Student Phonics And Phonemic Awareness Practice Book With Units 1-6, Unit Reviews, Take-Home Stories, Illustrations And Pictorial Green Cover Green With Sock,...



### **A Widow for One Year: A Novel**

Random House. Hardcover. Book Condition: New. 0375501371 Never Read-12+ year old Hardcover book with dust jacket-may have light shelf or handling wear-has a price sticker or price written inside front or back cover-publishers mark-Good Copy- I ship FAST with FREE tracking!! \*...



### **NIV Soul Survivor New Testament in One Year**

Paperback. Book Condition: New. Not Signed; 'The whole Bible, in just one year? You've got to be kidding.' Don't panic! How about just the New Testament to start off with? Take thousands of young people all committed to reading the word together...



### **Posie Pixie and the Torn Tunic Book 3 in the Whimsy Wood Series**

Paperback. Book Condition: New. Sarah Mauchline (illustrator). Paperback. COME and meet some more of the quirky woodland characters in the 3rd book of this delightful series! Find out what happens when Posie accidentally tears her purple tunic. Posie Pixie just gets better and...