

Reversibility in Dynamics and Group Theory

Anthony G. O'Farrell,
*National University of Ireland,
Maynooth*

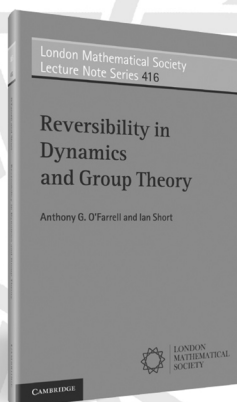
Ian Short,
The Open University, Milton Keynes

- The subject matter crosses many mathematical disciplines
- Numerous open problems are presented that will be of interest to PhD students
- Accessible at the advanced undergraduate level and above

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The Bloch–Kato Conjecture for the Riemann Zeta Function

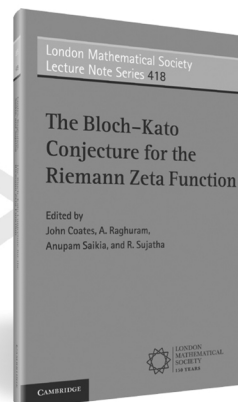
John Coates,
University of Cambridge

A. Raghuram,
*Indian Institute of Science
Education and Research, Pune*

Anupam Saikia,
*Indian Institute of Technology,
Guwahati*

R. Sujatha,
*University of British Columbia,
Vancouver*

- Brings together results scattered throughout the literature to present a proof of the Bloch–Kato conjecture for the Riemann zeta function at odd positive integers
- Includes a new approach to the key motivic arguments needed for the proof, which is proving useful in the study of L-functions
- Reminds mathematicians that we still do not know many key questions about these zeta values, and their p-adic analogues



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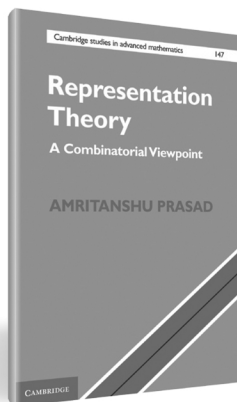
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Representation Theory

A Combinatorial Viewpoint

Amritanshu Prasad,
*Institute of Mathematical Sciences,
Chennai*

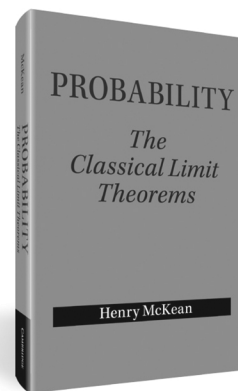
- Follows a geometric, modern and accurate approach to the subject
- Presents detailed discussion on symmetric functions and polynomial representations of general linear groups, in separate chapters
- Provides solutions to selected problems



Probability: The Classical Limit Theorems

Henry McKean,
New York University

- This highly distinguished author has made major contributions to the field
- Readers have the opportunity to benefit from the author's 60 years of experience
- Touches on many active research topics, including thermodynamics and random matrix theory



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Cambridge Studies in Advanced Mathematics, No. 147

Hardback | 9781107082052 | February 2015

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