

Contents

1. Wreath Products and Representations	1
2. Tensor Power Constructions	10
3. τ -Rings	19
4. Operations and the Free τ -Ring S	27
5. Computations related to $R(\Sigma_k)$	34
6. λ -Rings, Adams Operations and Plethysms	58
7. Computations related to $R(\Sigma_k \langle \Gamma \rangle)$	72
8. Filtered τ -Rings	100
9. Problems and Analogues	110
Appendix - Proofs	118
References	139
Subject-Name Index	143
Index of Notations	146