

Contents

List of Results	vi
Preface	vii
Chapter 1. Overview	1
Chapter 2. From class field theory	7
Chapter 3. Extension classes	11
Chapter 4. Locally free class groups	17
Chapter 5. Tate sequences	23
Chapter 6. Recognizing G -modules	33
Chapter 7. Local analogue	41
Chapter 8. Ω_m and the G -module structure of E	47
Chapter 9. Artin L -functions at $s = 0$	49
Chapter 10. q -indices	53
Chapter 11. Parallel properties of A_φ and q_φ	57
Chapter 12. \mathbb{Q} -valued characters	69
Chapter 13. Representing the Chinburg class	71
Chapter 14. Small S	79
Chapter 15. A cyclotomic example	85
Chapter 16. Notes	89
Bibliography	93
Subject Index	95