

Contents

Acknowledgments	v
Introduction	vii
1. Δ -Methods in Group Rings	1
2. The Jacobson Radical of Group Rings	7
3. Zero Divisors in Group Rings	14
4. Polycyclic Group Rings	22
5. Crossed Products of Finite Groups	29
6. Crossed Products of Infinite Groups	37
7. Computing the Symmetric Ring of Quotients	44
8. Galois Theory and Crossed Products	51
9. Galois Theory of Prime Rings	58
10. Rings and Fixed Rings	65