

CONTENTS

Preface	v
Introduction	ix
0. Notation, terminology, and background information	1
1. Quasidecomposition functions	29
2. Assassin functions	41
3. Radical functions	45
4. Associated ideal functions	53
5. The function δ	61
6. Coirreducible modules	69
7. Decompositions	89
8. Quasidimension functions	97
9. The function ε	107
10. Relations between quasidecomposition functions and quasidimension functions	111
11. Linearization of quasidecomposition and quasidimension functions	117
12. Gabriel dimension	121
13. Torsion-theoretic Krull dimension	133
14. GRK-dimension	143
15. Classical Krull dimension	163
References	169
Index of notation	177
Index of terminology	181