

Contents

Preface	v
Finite dimensional Hecke algebras	
<i>Susumu Ariki</i>	1
Semi-invariants of quivers and their zero sets	
<i>Grzegorz Bobiński, Christine Riedmann and Andrzej Skowroński</i>	49
Maximal Cohen–Macaulay modules over surface singularities	
<i>Igor Burban and Yuriy Drozd</i>	101
Rank varieties	
<i>Jon F. Carlson</i>	167
Periodic algebras	
<i>Karin Erdmann and Andrzej Skowroński</i>	201
Preprojective algebras and cluster algebras	
<i>Christof Geiss, Bernard Leclerc and Jan Schröer</i>	253
Symplectic reflection algebras	
<i>Iain G. Gordon</i>	285
Auslander–Reiten theory revisited	
<i>Osamu Iyama</i>	349
Calabi–Yau categories and Poincaré duality spaces	
<i>Peter Jørgensen</i>	399
Representation types of algebras from the model theory point of view	
<i>Stanisław Kasjan</i>	433
Calabi–Yau triangulated categories	
<i>Bernhard Keller</i>	467

A panorama of diagram algebras <i>Steffen Koenig</i>	491
Spectral analysis of finite dimensional algebras and singularities <i>Helmut Lenzing and José Antonio de la Peña</i>	541
Moduli of representations of quivers <i>Markus Reineke</i>	589
Selfinjective algebras of quasitilted type <i>Andrzej Skowroński and Kunio Yamagata</i>	639
List of contributors	709