

Contents

<i>Preface</i>	<i>page</i> vii
1 <i>Roe Goodman</i> Harmonic analysis on compact symmetric spaces	1
2 <i>Erik van den Ban</i> Weyl, eigenfunction expansions, symmetric spaces	24
3 <i>W.N. Everitt and H. Kalf</i> Weyl's work on singular Sturm–Liouville operators	63
4 <i>Markus J. Pflaum</i> From Weyl quantization to modern algebraic index theory	84
5 <i>A.M. Hansson and A. Laptev</i> Sharp spectral inequalities for the Heisenberg Laplacian	100
6 <i>Ursula Hamenstädt</i> Equidistribution for quadratic differentials	116
7 <i>Werner Müller</i> Weyl's law in the theory of automorphic forms	133
8 <i>Daniel W. Stroock</i> Weyl's Lemma, one of many	164
9 <i>Christopher Deninger</i> Analysis on foliated spaces and arithmetic geometry	174
10 <i>R.E. Howe, E.-C. Tan and J.F. Willenbring</i> Reciprocity algebras and branching	191
11 <i>Jens Carsten Jantzen</i> Character formulae from Hermann Weyl to the present	232
12 <i>Richard M. Weiss</i> The Classification of affine buildings	271
13 <i>Peter Roquette</i> Emmy Noether and Hermann Weyl	285