

Contents of Volume 1

1	The work of J. F. Adams J. P. May	1
	Bibliography of J. F. Adams	22
2	Twisted tensor products of DGA's and the Adams-Hilton model for the total space of a fibration Kathryn P. Hess	29
3	Hochschild homology, cyclic homology and the cobar construction J. D. S. Jones and J. McCleary	53
4	Hermitian A_∞ -rings and their K -theory Z. Fiedorowicz, R. Schwanzl and R. Vogt	67
5	A splitting result for the second homology group of the general linear group Dominique Arlettaz	83
6	Low dimensional spinor representations, Adams maps and geometric dimension K. Y. Lam and D. Randall	89
7	The characteristic classes for the exceptional Lie groups Mamoru Mimura	103
8	How can you tell two spaces apart when they have the same n -type for all n ? C. A. McGibbon and J. M. Møller	131

9	A generalized Grothendieck spectral sequence David Blanc and Christopher Stover	145
10	Localization of the homotopy set of the axes of pairings Nobuyuki Oda	163
11	Fibrewise reduced product spaces I. M. James	179
12	Computing homotopy types using crossed n -cubes of groups Ronald Brown	187
13	On orthogonal pairs in categories and localization Carles Casacuberta, Georg Peschke and Markus Pfenninger	211
14	A note on extensions of nilpotent groups Carles Casacuberta and Peter Hilton	225
15	On the Swan subgroup of metacyclic groups Victor P. Snaith	235
16	Fields of spaces M. C. Crabb, J. R. Hubbuck and Kai Xu	241
17	Maps between p -completed classifying spaces, III Zdzisław Wojtkowiak	255
18	Retracts of classifying spaces Kenshi Ishiguro	271
19	On the dimension theory of dominant summands John Martino and Stewart Priddy	281