

Contents

Preface	vii
A personal appreciation of Sam Gitler E. MICHA	ix
List of Participants	xv
The mathematical work of Sam Gitler, 1960–2003 D. M. DAVIS	1
The topology of the category of open and closed strings N. A. BAAS, R. L. COHEN, and A. RAMÍREZ	11
A spectral sequence approach to normal forms M. BENDERSKY and R. C. CHURCHILL	27
On the degree 2 map for a sphere F. R. COHEN and I. JOHNSON	83
On the fibrewise Poincaré-Hopf theorem C. L. DOUGLAS	101
A localization principle for orbifold theories T. DE FERNEX, E. LUPERCIO, T. NEVINS, and B. URIBE	113
On classifying spaces for the family of virtually cyclic subgroups D. JUAN-PINEDA and I. J. LEARY	135
Symmetric products of two dimensional complexes S. KALLEL and P. SALVATORE	147
Block bundle obstruction to Kervaire invariant one K. Y. LAM and D. RANDALL	163
Upper bounds for the span of projective Stiefel manifolds P. SANKARAN and P. ZVENGROWSKI	173
On \mathbb{Z}_2 -equivariant loop spaces M. A. XICOTÉNCATL	183

