

TABLE OF CONTENTS

<u>Kawakubo, K.:</u> Invariants for Semi-Free $S^1$ Actions .....	1
<u>Kawakubo, K.:</u> Topological $S^1$ and $Z_{2k}$ Actions on Spheres .....	14
<u>Ku, H.T. and Ku, M.C.:</u> Characteristic Invariants of Free Differentiable Actions of $S^1$ and $S^3$ on Homotopy Spheres ....	19
<u>Montgomery, D. and Yang, C.T.:</u> Differentiable Pseudo-Free Circle Actions on Homotopy Seven Spheres .....	41
<u>Schultz, R.:</u> Semi-Free Circle Actions with Twisted Fixed Point Sets .....	102
<u>Schultz, R.:</u> $Z_2$ -Torus Actions on Homotopy Spheres .....	117
<u>Wang, K.:</u> Free and Semi-Free Smooth Actions of $S^1$ and $S^3$ on Homotopy Spheres .....	119
<u>Boardman, J.M.:</u> Cobordism of Involutions Revisited .....	131
<u>tom Dieck, T.:</u> Bemerkungen über äquivariante Euler-Klassen .....	152
<u>tom Dieck, T.:</u> Existence of Fixed Points .....	163
<u>Giambalvo, V.:</u> Cobordism of Line Bundles with Restricted Characteristic Class .....	170
<u>Hamrick, G. and Ossa, E.:</u> Unitary Bordism of Monogenic Groups and Isometries .....	172
<u>Lazarov, C.:</u> Quillen's Theorem for $MU^*$ .....	183
<u>Lee, C.N. and Wasserman, A.:</u> Equivariant Characteristic Numbers .....	191
<u>López de Medrano, S.:</u> Cobordism of Diffeomorphisms of $(k-1)$ - Connected $2k$ -Manifolds .....	217
<u>Kawakubo, K. and Raymond, F.:</u> The Index of Manifolds with Toral Actions and Geometric Interpretations of the $\sigma(\infty, (S^1, M^n))$ Invariant of Atiyah and Singer .....	228
<u>Petrie, T.:</u> Involutions on Homotopy Complex Projective Spaces and Related Topics .....	234
<u>Orlik, P.:</u> On the Homology of Weighted Homogeneous Manifolds ...	260
<u>Orlik, P. and Wagreich, P.:</u> Equivariant Resolution of Singu- larities with $C^*$ Actions .....	270
<u>Bredon, G.E.:</u> Strange Circle Actions on Products of Odd Dimensional Spheres .....	291
<u>Davis, M.:</u> Examples of Actions on Manifolds Almost Diffeomor- phic to $V_{n+1,2}$ .....	300

<u>Erle, D.:</u> On Unitary and Symplectic Knot Manifolds .....	314
<u>Goldstein, R.Z. and Lininger, L.:</u> A Classification of 6- Manifolds with Free $S^1$ Actions .....	316
<u>Grove, E.A.:</u> $SU(n)$ Actions on Manifolds with Vanishing First and Second Integral Pontrjagin Classes .....	324
<u>Hsiang, W.Y.:</u> On the Splitting Principle and the Geometric Weight System of Topological Transformation Groups, I .....	334
<u>Illman, S.:</u> Equivariant Singular Homology and Cohomology for Actions of Compact Lie Groups .....	403
<u>Kauffman, L.:</u> Cyclic Branched Covers and $O(n)$ -Manifolds .....	416
<u>Ku, H.T., Mann, L.N., Sicks, J.L. and Su, J.C.:</u> Degree of Symmetry of Closed Manifolds .....	430
<u>Kwun, K.W.:</u> Transfer Homomorphisms of Whitehead Groups of Some Cyclic Groups, II .....	437
<u>Shaneson, J.L.:</u> Surgery on Four-Manifolds and Topological Transformations Groups .....	441