## CONTENTS

## Foliations and $C^*$ Algebras

Paul Baum and Alain Connes — Leafwise Homotopy Equivalence and Rational Pontrjagin Classes	1
Toshikazu Natsume — Topological K-Theory for Codimension	1
One Foliations without Holonomy	15
Haruo Suzuki — Lift Foliations in Flat Principal Bundles and Modular Functions	29
Characteristic Classes and Cobordisms of Foliations	
Takashi Tsuboi — On the Homology of Classifying Spaces for Foliated Products	37
Tadayoshi Mizutani — Foliated Cobordisms of <i>PA</i> Foliations Nobuo Tsuchiya — On Decompositions and Approximations of	121
Foliated Manifolds	135
Yoshihiko Mitsumatsu — A Relation between the Topological Invariance of the Godbillon-Vey Class and the Differen-	
tiability of Anosov Foliations	159
Shigeyuki Morita — Discontinuous Invariants of Foliations	169
Tôru Tsujishita — Characteristic Classes for Families of Foliations	195
Kenji Yamato — Exotic Characteristic Classes of Compact Rie-	
mannian Foliations	211
Dynamical Study of Transverse Foliations	
Itiro Tamura — Dynamical Systems on Foliations and Existence Problem of Transverse Foliations	229
Atsushi Sato — Every 3-Manifold Admits a Transverse Pair of	
Codimension One Foliations Which Cannot Be Raised to a Total Foliation	295
Shigenori Matsumoto — Foliations of Seifert Fibered Spaces over $S^2$	325
Koichi Yano — Non-Singular Morse-Smale Flows on 3-Manifolds	323
5	341

ii

Koichi Yano — Asymptotic Cycles on Two Dimensional Manifolds	359
Stability and Topology of Leaves	
Takashi Inaba — A Sufficient Condition for the $C^2$ -Reeb Stability of Noncompact Leaves of Codimension One Foliations Toshiyuki Nishimori — Average Euler Characteristic of Leaves	379
of Codimension One Foliations	395
Kazuhiko Fukui — Perturbations of Compact Foliations	417
Germs of Foliations	
Tatsuo Suwa — Determinacy of Analytic Foliation Germs Hiroko Kawabe — On the Conjugation of Local Diffeomorphisms	427
Infinitely Tangent to the Identity	161