

CONTENTS

PREFACE	v
CHAPTER I. Axiomatic Development of the Steenrod Algebra $\mathfrak{A}(2)$	1
CHAPTER II. The Dual of the Algebra $\mathfrak{A}(2)$	16
CHAPTER III. Embeddings of Spaces in Spheres	30
CHAPTER IV. The Cohomology of Classical Groups and Stiefel Manifolds.	37
CHAPTER V. Equivariant Cohomology.	58
CHAPTER VI. Axiomatic Development of the Algebra $\mathfrak{A}(p)$	76
CHAPTER VII. Construction of the Reduced Powers.	97
CHAPTER VIII. Relations of Adem and the Uniqueness Theorem.	115
APPENDIX: Algebraic Derivations of Certain Properties of the Steenrod Algebra.	133