

# 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