

CONTENTS

Introduction	9
General description of cotton	9
Chemistry of cotton	13
The morphology of cotton	14
The fine structure of cotton	25
The action of alkaline swelling agents on the gross structure of cotton	55
The sorptive capacity of cotton for alkalis and water	71
Chemical reactivity of alkali – cellulose	106
Structure and properties of mercerized cotton	117
The action of other swelling agents on cotton	154
The addition of metallic compounds to amines to produce solvents for cellulose	193
General conclusions	196
Appendix	200
Bibliography	219

