

CONTENTS

1. Analytical ultracentrifuge techniques	1
2. Viscometry	49
3. Osmosis	71
4. Thermodynamics of elastic deformation processes	103
5. D.C. Conduction in keratin and cellulose	133
6. Dielectric properties of keratin and cellulose	169
7. Solid – liquid interactions : inter – and intracrystalline reactions in cellulose fibres	206
8. Chromatography	239
9. Kinetics of polymerization	281
10. Some aspects of the degradation of polymers used in textile applications	321
11. Molecular weight and molecular weight distribution in fibre forming polymers and their consequences to fibre properties	429
12. The thermal and flammability behavior of textile materials	465
Subject index	503