

Contents

<i>Preface</i>	v
<i>List of Contributors</i>	ix
1. Contraction Flows and New Theories for Estimating Extensional Viscosity	1
D. BINDING	
2. A Critical Appraisal of Available Methods for the Measurement of Extensional Properties of Mobile Systems	33
D. F. JAMES and K. WALTERS	
3. Surface Rheology	55
B. WARBURTON	
4. Large-Amplitude Oscillatory Shear	99
A. J. GIACOMIN and J. M. DEALY	
5. A Parsimonious Model for Viscoelastic Liquids and Solids ..	123
H. H. WINTER, M. BAUMGÄRTEL and P. R. SOSKEY	
6. Rheological Studies Using a Vibrating Probe Method	161
R. A. PETHRICK	
7. Dynamic Mechanical Analysis Using Complex Waveforms ..	197
B. I. NELSON and J. M. DEALY	
8. Rheological Measurements on Small Samples	225
M. E. MACKAY	
9. Rate- or Stress-Controlled Rheometry	259
W. GLEIBLE	
10. Rheometry for Process Control	285
J. M. DEALY and T. O. BROADHEAD	
<i>Index</i>	333