

CONTENTS

CHAPTER 1	CHARACTERIZATION OF COMPLEX POLYMERS BY SIZE EXCLUSION CHROMATOGRAPHY AND HIGH- PERFORMANCE LIQUID CHROMATOGRAPHY	
	<i>Stephen T. Balke</i>	
CHAPTER 2	DATA REDUCTION IN SIZE EXCLUSION CHROMATOGRAPHY OF POLYMERS	67
	<i>Gregorio R. Meira</i>	
CHAPTER 3	MEASUREMENT OF LONG-CHAIN BRANCH FREQUENCY IN SYNTHETIC POLYMERS	103
	<i>Alfred Rudin</i>	
CHAPTER 4	POLYMER ANALYSIS BY FIELD-FLOW FRACTIONATION	113
	<i>Karin D. Caldwell</i>	
CHAPTER 5	POLYMER CHARACTERIZATION USING INVERSE GAS CHROMATOGRAPHY	151
	<i>Petr Munk</i>	
CHAPTER 6	MEASUREMENT OF MOLECULAR WEIGHTS OF POLYMERS BY OSMOMETRY	201
	<i>Jimmy W. Mays and Nikos Hadjichristidis</i>	
CHAPTER 7	POLYMER CHARACTERIZATION USING DILUTE SOLUTION VISCOMETRY	227
	<i>Jimmy W. Mays and Nikos Hadjichristidis</i>	
CHAPTER 8	POLYMER CHARACTERIZATION USING THE ULTRACENTRIFUGE	271
	<i>Petr Munk</i>	

CHAPTER 9	LOW-ANGLE LASER LIGHT SCATTERING (LALLS) OF MACROMOLECULES	
	<i>Jeffrey S. Lindner and Shyhchang S. Huang</i>	
CHAPTER 10	PHOTON CORRELATION SPECTROSCOPY	377
	<i>Richard B. Flippen</i>	
CHAPTER 11	NMR CHARACTERIZATION OF POLYMERS	
	<i>H. N. Chena</i>	
CHAPTER 12	POLYMER CHARACTERIZATION USING MASS SPECTROMETRY	495
	<i>Paul Vouros and John W. Wronka</i>	
INDEX		