

CONTENTS

1.	STRUCTURE-PROPERTY RELATIONSHIPS FOR ELASTOMERIC MATERIALS	1
2.	THE HISTORICAL BACKGROUND OF SYNTHETIC ELASTOMERS WITH PARTICULAR EMPHASIS ON THE EARLY PERIOD	21
3.	THE STATUS AND FUTURE OF ELASTOMER TECHNOLOGY	95
4.	ELASTOMERS BY RADICAL AND REDOX MECHANISMS	
A.	BUTADIENE-STYRENE RUBBERS (SBR) AND RUBBERS FROM SUBSTITUTED BUTADIENES AND STYRENES	127
B.	NITRILE RUBBER AND OTHER NITROGEN-CONTAINING RUBBERS EXCEPT POLYURETHANES	185
C.	NEOPRENE	227
D.	ACRYLIC ELASTOMERS	253
E.	FLUORINE-CONTAINING ELASTOMERS	273
5.	ELASTOMERS BY CATIONIC MECHANISMS	
A.	POLYISOBUTENE AND BUTYL RUBBER	291
B.	POLY (VINYL ETHERS)	331
C.	ELASTOMERS FROM CYCLIC ETHERS	377
D.	ELASTOMERIC POLYACETALS	419
	AUTHOR INDEX	455
	SUBJECT INDEX	477