

CONTENTS

Chapter 1	Introduction	1
Chapter 2	Polydienes by Coordination Catalysts	21
Chapter 3	Theory of Coordination Catalysts	79
Chapter 4	Polydienes by Anionic Catalysts	139
Chapter 5	Anionic Polymerization of Vinyl Monomers in Hydrocarbon Solvents	215
Chapter 6	Ring Opening Polymerizations	285
Chapter 7	Olefin Copolymers	365
Chapter 8	Network Formation	433
Chapter 9	Aging and Degradation	511
Chapter 10	Some Basic Physical Properties	583
Chapter 11	Viscoelastic Behavior of Solution Rubbers	613
Chapter 12	Uniaxial Rupture of Elastomers	679
Chapter 13	Some Physical Aspects of Elastomers Used in Tires	805
	Index	881