

TABLE OF CONTENTS

Organic Synthesis; Introduction	1
Economy and Yields	4
Separation Techniques	9
Solution Reactions	12
Heterogeneous Liquid-Liquid Systems	22
Onium Salts	24
Crown Ethers	26
Reactions in Micelles	29
Reactions in Reversed Micelles	34
Cyclodextrins	35
Solid State Reactions	38
Solid Phase Reactions	39
Thermochemical Processes	45
Microwave Irradiation	53
Sonochemistry	56
Preparative Electrochemistry	59
Preparative Photochemistry	65
Enzymes and Microorganisms in Organic Synthesis	69