CONTENTS

1.	Controlling the Industrial Process Sources of Sulfur Oxides	1
2.	The Allied Chemical Sulfur Dioxide Reduction Process for Metallurgical Emissions	23
3.	Reduction of Sulfur Dioxide to Sulfur: The Elemental Sulfur Pilot Plant of ASARCO Co.	
	and Phelps Dodge Corp	35
4.	Sulfuric Acid Plants for Copper Converter Gas	48
5.	Dual-Catalyst Beds to Reduce Sulfur Dioxide to Elemental Sulfur in Presence of Water	
	Vapor	60
6.	Effect of Basicity of the Catalyst on Claus Reaction	75
7.	Beavon Sulfur Removal Process for Claus Plant Tail Gas	93
8.	Sulfur Recovery in Oil Refineries Using IFP Processes	100
9.	The Shell Claus Offgas Treating (SCOT) Process	111
10.	Commercialization of Lime-Limestone Flue Gas Scrubbing Technology	120
11.	Lime-Limestone Scrubbing: Factors Affecting the Concentration of Sulfur Dioxide-	
	Absorbing Species in Solution	130
12.	Kinetics of the Reaction of Half-Calcined Dolomite with Sulfur Dioxide	149
13.	Recent Experience of the Wellman-Lord Sulfur Dioxide Recovery Process	158
14.	Regenerative Aqueous Carbonate Process for Utility and Industrial Sulfur Dioxide	
	Removal	164
15.	Removal and Reduction of Sulfur Dioxides from Polluted Gas Streams	180
16.	Sulfur Dioxide Absorption and Conversion to Sulfur by the Citrate Process	192
Inde	index	