## 544.1 MIL

## CONTENTS

1.	Introduction	1
2.	Definitions and Classifications	4
3.	Heterogeneous Equilibrium and Thermodynamics	31
4.	Kinetics	43
5.	Physical and Mechanical Forces in Separations	55
6.	Chemical Reactions and Processes	70
7.	Distillation	86
8.	Zone Broadening in Multistep Processes	101
9.	Zone Disengagement and the Achievement of Separation	128
10.	Liquid-Liquid Extraction	135
11.	Chromatography: General	148
12.	Gas Chromatography	166
13.	Liquid Chromatography in Columns: General	210
14.	Liquid Chromatography in Columns: Individual Techniques	230
15.	Plane Chromatography	265
16.	Zone Electrophoresis	280
17.	Differential Dialysis	289
18.	Selection of a Separation Method	294