

## CONTENTS

### Preface

1. The mass – transfer operations	1
<b>Part 1 Diffusion and mass transfer</b>	
2. Molecular diffusion in fluids	21
3. Mass- transfer coefficients	45
4. Diffusion in solids	88
5. Interphase mass transfer	104
<b>Part 2 Gas – liquid operations</b>	
6. Equipment for gas – liquid operations	139
7. Humidification operations	220
8. Gas absorption	275
9. Distillation	342
<b>Part 3 Liquid – liquid operations</b>	
10. Liquid extraction	477
<b>Part 4 Solid – fluid operations</b>	
11. Adsorption and ion exchange	565
12. Drying	655
13. Leaching	717
14. Index	767