

CONTENTS

Series Editor's Introduction	5
1. Basic Concepts	7
The S-Shaped Curve	8
Diffusion Models	10
A Need for Integration	10
Structure of Presentation	11
2. The Fundamental Diffusion Model	12
External-Influence Model	15
Internal-Influence Model	17
Mixed-Influence Model	21
Parameter Estimation Considerations	22
Comment	24
Example	25
3. Flexible Diffusion Models	26
Reexamination	27
Flexible Models	29
Comment	34
4. Extensions and Refinements	35
Dynamic Diffusion Models	36
Multi-Innovation Diffusion Models	39
Space and Time Diffusion Models	41
Multistage Diffusion Models	44
Multiadoption Diffusion Models	47
Diffusion Models with Influencing/Change Agents	50
Comment	54

5. Illustrative Applications	54
Diffusion of CAT Scanners	54
Diffusion of Longwall Mining Technologies	57
Diffusion of Oral Contraceptives (The Pill) in Thailand	61
Diffusion of Computer Terminals in an Established Engineering Environment	64
Diffusion of Telephone-Based Banking Services	68
Comment	70
6. Status and Outlook	70
Appendix	74
Notes	79
References	82
About the Authors	87