## CONTENTS

**Preface** xii  
**Acknowledgements** xv

### Section I  
**THE CONTROL FUNCTION OF MANAGEMENT**

1 Management and Control 3  
Management and control 6  
Causes of management control problems 10  
Characteristics of good management control 12  
Control problem avoidance 13  
Control alternatives 16  
Outline of this book 17  
Notes 18  
*Leo's Four-Plex Theater* 19  
*Wong's Pharmacy* 20  
*Private Fitness, Inc.* 20  
*Atlanta Home Loan* 22

### Section II  
**MANAGEMENT CONTROL ALTERNATIVES AND THEIR EFFECTS**

2 Results Controls 29  
Prevalence of results controls 30  
Results controls and the control problems 32  
Elements of results controls 33  
Conditions determining the effectiveness of results controls 36  
Conclusion 40  
Notes 40  
*Armco, Inc.: Midwestern Steel Division* 41  
*Loctite Company de México, S.A. de C.V.* 55  
*Puente Hills Toyota* 61  
*Houston Fearless 76, Inc.* 74

3 Action, Personnel, and Cultural Controls 81  
Action controls 81  
Action controls and the control problems 84  
Prevention versus detection 85  
Conditions determining the effectiveness of action controls 86  
Personnel controls 88  
Cultural controls 90  
Personnel/cultural controls and the control problems 94  
Effectiveness of personnel/cultural controls 95  
Conclusion 95  
Notes 96  
*The Platinum Pointe Land Deal* 98  
*Axeon N.V.* 105  
*Alcon Laboratories, Inc.* 112

4 Control System Tightness 123  
Tight results control 123  
Tight action controls 126  
Tight personnel/cultural controls 130  
Conclusion 131  
Notes 133  
*Controls at the Bellagio Casino Resort* 134  
*The Lincoln Electric Company* 160  
*PCL: A Breakdown in the Enforcement of Management Control* 181

5 Control System Costs 186  
Direct costs 186  
Indirect costs 186  
Conclusion 195  
Notes 196  
*Philip Anderson* 197  
*Sunshine Fashion: Fraud, Theft, and Misbehavior Among Employees* 199  
*Fit Food, Inc.* 203

6 Designing and Evaluating Management Control Systems 209  
What is desired? and What is likely? 209  
Choice of controls 209  
Choice of control tightness 215