## **Brief Contents**

Preface 19	
SHOULD MANUFACTURE IN NO. 100 SECOND RESIDENCE STATES OF	Conceptual Foundations of Accounting Information Systems 27
CHAPTER 1	Accounting Information Systems: An Overview 28
CHAPTER 2	Overview of Transaction Processing and Enterprise Resource Planning Systems 56
CHAPTER 3	Systems Documentation Techniques 84
PART II	Pata Analytics 117
CHAPTER 4	Relational Databases 118
CHAPTER 5	Introduction to Data Analytics in Accounting 162
CHAPTER 6	Transforming Data 188
CHAPTER 7	Data Analysis and Presentation 214
PART III	Control of Accounting Information Systems 247
CHAPTER 8	Fraud and Errors 248
CHAPTER 9	Computer Fraud and Abuse Techniques 282
CHAPTER 1	O Control and Accounting Information Systems 322
CHAPTER 1	1 Controls for Information Security 360
CHAPTER 1	2 Confidentiality and Privacy Controls 394
CHAPTER 1	3 Processing Integrity and Availability Controls 422
PART IV	Accounting Information Systems Applications 451
CHAPTER 1	4 The Revenue Cycle: Sales to Cash Collections 452
CHAPTER 1	5 The Expenditure Cycle: Purchasing to Cash Disbursements 494
CHAPTER 1	6 The Production Cycle 532

CHAPTER 17 The Human Resources Management and Payroll Cycle 562

**CHAPTER 18 General Ledger and Reporting System** 592

PART V The REA Data Model 625

**CHAPTER 19 Database Design Using the REA Data Model 626** 

CHAPTER 20 Implementing an REA Model in a Relational Database 660

CHAPTER 21 Special Topics in REA Modeling 684

PART VI The Systems Development Process 717

CHAPTER 22 Introduction to Systems Development and Systems
Analysis 718

**CHAPTER 23 AIS Development Strategies 754** 

CHAPTER 24 Systems Design, Implementation, and Operation 784

Glossary 812

Index 829