
Contents

Chapter 1	Introduction	1
 Part 1: Modeling Concepts		
Chapter 2	Modeling as a Design Technique	7
Chapter 3	Class Modeling	10
Chapter 4	Advanced Class Modeling	34
Chapter 5	State Modeling	46
Chapter 6	Advanced State Modeling	52
Chapter 7	Interaction Modeling	61
Chapter 8	Advanced Interaction Modeling	74
Chapter 9	Concepts Summary	83
 Part 2: Analysis and Design		
Chapter 10	Process Overview	85
Chapter 11	System Conception	86
Chapter 12	Domain Analysis	91
Chapter 13	Application Analysis	110
Chapter 14	System Design	126
Chapter 15	Class Design	135
Chapter 16	Process Summary	149

Part 3: Implementation

Chapter 17	Implementation Modeling	151
Chapter 18	OO Languages	155
Chapter 19	Databases	194
Chapter 20	Programming Style	219