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(old chapter 1 with revisions. Add section 1.7 to discuss history of database applications)
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1.3 Characteristics of the Database Approach
1.4 Actors on the Scene
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1.6 Advantages of Using the DBMS Approach
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Chapter 6 Relational Algebra and Relational Calculus
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6.1 Unary Relational Operations—SELECT and PROJECT (old sections 7.4.1, 7.4.2, 7.4.3)
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9.5 Database Programming With Function Calls: SQL/CLI and JDBC (new section)
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PART 3: DATABASE DESIGN THEORY AND METHODOLOGY

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  11.2 Algorithms for Relational Database Schema Design (second half of old section 15.1)
  11.3 Multi-valued Dependencies and Fourth Normal Form (old section 15.2)
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and a new section on public key encryption)
  23.1 Introduction to Database Security Issues (expanded)
  23.2 Discretionary Access Control in SQL Based on Granting/Revoking of Privileges
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Chapter 24 Enhanced Data Models for Advanced Applications
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