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Nota di contenuto	Part I: Background 1. Conceptual Modelling Methods: The AMME Agile Engineering Approach 2. Development of Conceptual Models and Realization of Modelling Tools Within the ADOxx Meta-Modelling Environment: A Living Paper 3. Challenging Digital Innovation Through the OMiLAB Community of Practice Part II: Previous Volume: Synopsis 4. The Purpose-Specificity Framework for Domain-Specific Conceptual Modeling Part III: Enterprise Management 5. Enterprise Modeling with 4EM: Perspectives and Method 6. PGA 2.0: A Modeling Technique for the Alignment of the Organizational Strategy and Processes 7. The LiteStrat Modelling Method: Towards the Alignment of Strategy and Code 8. itsVALUE: Modelling and Analysing Value Streams for IT Services Part IV: Enterprise Information Systems 9. Enterprise Construction Modeling Method 10. Tool Support for Fractal Enterprise Modeling 11. The Integration

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	of Risk Aspects into Business Process Management: The e-BPRIM Modeling Method 12. Modeling the Phenomenon of Capability Change: The KYKLOS Method 13. A Security Assessment Platform for Stochastic Petri Net (SPN) Modelling in the Internet of Things (IoT) Ecosystem Part V: Business Ecosystems and Services 14. A Modeling Tool for Exploring Business Ecosystems in a (Pre-)conceptual Phase 15. A Capability-Based Method for Modeling Resilient Data Ecosystems 16. Space of Services Method (SoS) 17. Design and Engineering of Product-Service Systems (PSS): The SEEM Methodology and Modeling Toolkit Part VI: Knowledge Engineering 18. Model- Based Guide Toward Digitization in Digital Business Ecosystems 19. Generating ROS Codes from User-Level Workflow in PRINTEPS 20. ECAVI: An Assistant for Reasoning About Actions and Change with the Event Calculus Part VII: Technology Enhanced Education 21. Tree Diagrams and Unit Squares 4.0: Digitizing Stochastic Classes with the Didactic Modeling Tool PROVIS 22. Improving Student Mobility Through Automated Mapping of Similar Courses Part VIII: Digital Humanities 23. Aggregation and Curation of Historical Archive Information Part IX: Modelling Method S in the Context of Categorical Mechanisms 25. Conceptualizing Design Thinking Artefacts: The Scene2Model Storyboard Approach 26. An Approach to the Information System Conceptual Modelling Based on the Form Types Part X: Conceptual Modelling Language Extension 27. BPMN4MoPla: Mobility Planning Based on Business Decision-Making 28. BPMN Extension for Multi-Protocol Data Orchestration.
Sommario/riassunto	This book demonstrates the significance of domain-specific conceptual modeling through new research and development approaches that are manifested in each of the chapters. They include novel modelling methods and tools that emphasize the recent results accomplished and their adequacy to assess specific aspects of a domain. Each chapter offers detailed instructions on how to build models in a particular domain, such as product-service engineering, enterprise engineering, digital business ecosystems, and enterprise modelling and capability management. All chapters are enriched with case studies, related information, and tool implementations. The tools are based on the ADOxx metamodelling platform and are provided free of charge via OMiLAB. Furthermore, the book emphasizes possible future developments and potential research directions. The collection of works presented here will benefit experts and practitioners from academia and industry alike, including members of the conceptual modeling community as well as lecturers and students.