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Titolo	Engineering modeling languages : turning domain knowledge into tools // Benoit Combemale, University of Rennes I, France, Robert B. France, Colorado State University, USA, Jean-Marc Jezequel, University of Rennes I, France, Bernhard Rumpe, RWTH Aachen University and Fraunhofer FIT, Germany, James Steel, AEHRC, CSIRO, Australia, Didier Vojtisek, Inria, France
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Edizione	[1st ed.]
Descrizione fisica	1 online resource (403 pages) : illustrations
Collana	Chapman & Hall/CRC Innovations in Software Engineering and Software Development
Disciplina	620.00113513
Soggetti	Engineering - Data processing Modeling languages (Computer science) Computer software - Development Computer simulation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"A Chapman & Hall Book."
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Chapter 1. What's a model? -- Chapter 2. What's a modeling language? -- Chapter 3. Metamodeling with MOF and Ecore -- Chapter 4. Metamodeling with OCL -- Chapter 5. Building editors and viewers -- Chapter 6. Model transformation : from contemplative to productive models -- Chapter 7. Interpreter -- Chapter 8. Refactoring and refinement -- Chapter 9. Generators -- Chapter 10. Variability management -- Chapter 11. Scaling up modeling -- Chapter 12. Wrapup : metamodeling process -- Chapter 13. Language engineering : the logo example -- Chapter 14. Model-driven engineering of a role-playing game -- Chapter 15. Civil/construction engineering : the BIM example.
Sommario/riassunto	This book introduces model-driven approaches in software

development using a pragmatic presentation that includes foundational
sidebars and industrial experiences.
