

1. Record Nr.	UNINA9911018806703321
Autore	Li Fan <1962->
Titolo	Developing chemical information systems : an object-oriented approach using enterprise Java // Fan Li
Pubbl/distr/stampa	Hoboken, N.J., : Wiley-Interscience, c2007
ISBN	9786610721504 9781280721502 1280721502 9780470068793 0470068795 9780470068786 0470068787
Descrizione fisica	1 online resource (230 p.)
Disciplina	025.06/54
Soggetti	Chemistry Information storage and retrieval systems - Chemistry Java (Computer program language) Object-oriented programming (Computer science)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references (p. 207-208) and index.
Nota di contenuto	Introductions -- Software development principles : high-low open-closed principles -- Introduction to object-oriented approach and its benefits -- Build versus buy -- Agile and iterative development process -- UML modeling -- Deployment architecture -- Software architecture -- A case study : develop a chemical registration system (CRS) -- A chemical informatics domain analysis object model -- Presentation layer -- Business layer -- Entity dictionary -- Chemistry intelligence API -- Data persistence layer -- Put everything together.
Sommario/riassunto	Develop and manage chemical information systems This text provides a comprehensive overview of analyzing chemical problems using computer-aided methods for both newcomers and advanced computer scientists and chemists. In addition to practical how-to information and step-by-step descriptions, this resource includes case studies from

Merck & Co., Inc., to further aid your understanding. This guide covers a wide range of cheminformatics topics, including: * Software development principles * Object-oriented approach * Building and buying * Agile and Iterative Development
