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Titolo	Scala: From a Functional Programming Perspective : An Introduction to the Programming Language // by Vicenç Torra
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ISBN	3-319-46481-7
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (XIII, 124 p. 7 illus.)
Collana	Programming and Software Engineering ; ; 9980
Disciplina	005.114
Soggetti	Programming languages (Electronic computers) Computer programming Software engineering Mathematical logic Computers Pattern recognition Programming Languages, Compilers, Interpreters Programming Techniques Software Engineering Mathematical Logic and Formal Languages Models and Principles Pattern Recognition
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	An introduction to functional programming languages -- The basics of the language -- Lazy and eager evaluation -- Object-oriented programming in Scala -- Types and classes revisited: polymorphism -- Scala: OOL and FP -- Algebraic data types -- Parallelism.
Sommario/riassunto	This book gives an introduction to the programming language Scala. It presents it from a functional programming perspective. The book explains with detail functional programming and recursivity, and includes chapters on lazy and eager evaluation, streams, higher-order functions (including map, fold, reduce, and aggregate), and algebraic data types. The book also describes the object-oriented aspects of

Scala, as they are a fundamental part of the language. In addition, the book includes a chapter on parallelism in Scala, giving an overview of the actor model.

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