1. Record Nr. UNINA9910825690403321

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Titolo	Functional programming using F# / / Michael R. Hansen, Technical University of Denmark, Lyngby, Hans Rischel, Technical University of Denmark, Lyngby [[electronic resource]]
Pubbl/distr/stampa	Cambridge : , : Cambridge University Press, , 2013
ISBN	1-316-08975-4 1-107-06505-4 1-107-25547-3 1-107-05900-3 1-107-05772-8 1-107-05553-9 1-139-09399-1
Descrizione fisica	1 online resource (xi, 361 pages) : digital, PDF file(s)
Disciplina	005.1/14
Soggetti	Functional programming (Computer science) F (Computer program language)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from publisher's bibliographic system (viewed on 05 Oct 2015).
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Machine generated contents note: 1. Getting started; 2. Values, operators, expressions, and functions; 3. Tuples, records, and tagged values; 4. Lists; 5. Collections: Lists, maps, and sets; 6. Finite trees; 7. Modules; 8. Imperative features; 9. Efficiency; 10. Text processing programs; 11. Sequences; 12. Computation expressions; 13. Asynchronous and parallel computations.
Sommario/riassunto	This comprehensive introduction to the principles of functional programming using F# shows how to apply basic theoretical concepts to produce succinct and elegant programs. It demonstrates the role of functional programming in a wide spectrum of applications including databases and systems. Coverage also includes advanced features in the .NET library, the imperative features of F# and topics such as text processing, sequences, computation expressions and asynchronous computation. With a broad spectrum of examples and exercises, the book is perfect for courses in functional programming and for self-

study. Enhancing its use as a text is an accompanying website with downloadable programs, lecture slides, mini-projects and links to further F# sources.