

1. Record Nr.	UNINA990000362370403321
Autore	Hirsch, Charles
Titolo	Numerical computation of internal and external flows / (by) Charles Hirsch
Pubbl/distr/stampa	Chichester : Wiley & sons, 1988
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Descrizione fisica	XIX,515 p. ill. 24 cm
Collana	Wiley series in numerical methods in engineering
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Collocazione	04 161-147/1
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Note generali	vol. 1: Fundamentals of numerical discretization

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Autore	Romero José Raúl
Titolo	Optimising the Software Development Process with Artificial Intelligence // edited by José Raúl Romero, Inmaculada Medina-Bulo, Francisco Chicano
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ISBN	9789811999482 9811999481
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Altri autori (Persone)	Medina-BuloInmaculada ChicanoFrancisco
Disciplina	005.1028563
Soggetti	Artificial intelligence Software engineering Machine learning Artificial Intelligence Software Engineering Machine Learning
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction -- Artificial Intelligence in Software Project Management -- Requirements Engineering -- Leveraging Artificial Intelligence for Model-based Software Analysis and Design -- Statistical Models and Machine Learning to Advance Code Completion -- Cloud development and deployment -- Automated Support for Unit Text Generation: A Tutorial Book Chapter -- Artificial Intelligence Techniques in System Testing -- Intelligent Software Maintenance -- Metaheuristics in a nutshell -- Foundations of Machine Learning for Software Engineering.
Sommario/riassunto	This book offers a practical introduction to the use of artificial intelligence (AI) techniques to improve and optimise the various phases of the software development process, from the initial project planning to the latest deployment. All chapters were written by leading experts in the field and include practical and reproducible examples. Following the introductory chapter, Chapters 2-9 respectively apply AI techniques to the classic phases of the software development process: project

management, requirement engineering, analysis and design, coding, cloud deployment, unit and system testing, and maintenance. Subsequently, Chapters 10 and 11 provide foundational tutorials on the AI techniques used in the preceding chapters: metaheuristics and machine learning. Given its scope and focus, the book represents a valuable resource for researchers, practitioners and students with a basic grasp of software engineering.

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