1. | | |
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   | Record Nr. | UNINA990009178180403321 |
   | Autore | Glick, Thomas F. |
   | Titolo | Islamic and Christian Spain in the early Middle Ages / by Thomas F. Glick |
   | Pubbl/distr/stampa | Princeton : Priceton University press, 1979 |
   | Descrizione fisica | XI, 376 p. ; 25 cm |
   | Disciplina | 946 |
   | Locazione | SDI |
   | Collocazione | SDI-2KD 106 |
   | Lingua di pubblicazione | Inglese |
   | Formato | Materiale a stampa |
   | Livello bibliografico | Monografia |

2. | | |
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   | Record Nr. | UNINA9910254294603321 |
   | Autore | Audet Charles |
   | Titolo | Derivative-Free and Blackbox Optimization / / by Charles Audet, Warren Hare |
   | Pubbl/distr/stampa | Cham : , : Springer International Publishing : , : Imprint : Springer, , 2017 |
   | ISBN | 3-319-68913-4 |
   | Edizione | [1st ed. 2017.] |
   | Descrizione fisica | 1 online resource (XVIII, 302 p. 38 illus.) |
   | Collana | Springer Series in Operations Research and Financial Engineering, , 2197-1773 |
   | Disciplina | 519.3 |
   | Soggetti | Mathematical optimization |
   | | Numerical analysis |
   | | Optimization |
   | | Numerical Analysis |
   | Lingua di pubblicazione | Inglese |
   | Formato | Materiale a stampa |
   | Livello bibliografico | Monografia |

Nota di contenuto	Part I: Introduction and Background Material -- Introduction: Tools and Challenges -- Mathematical Background -- The Beginnings of DFO Algorithms -- Part I: Some Remarks on DFO -- Part II: Popular Heuristic Methods -- Genetic Algorithms -- Nelder-Mead -- Part II: Further Remarks on Heuristics -- Part III: Direct Search Methods -- Positive bases and Nonsmooth Optimization -- Generalized Pattern Search -- Mesh Adaptive Direct Search -- Part III: Further Remarks on Direct Search Methods -- Part IV: Model-based Methods -- Model-based Descent -- Model-based Trust Region -- Part IV: Further Remarks on Model-based Methods -- Part V: Extensions and Refinements -- Variables and Constraints -- Optimization Using Surrogates and Models -- Biobjective Optimization -- Part V: Final Remarks on DFO/BBO -- Part VI: Appendix: Comparing Optimization Methods -- Solutions to Selected Exercises.
Sommario/riassunto	This book is designed as a textbook, suitable for self-learning or for teaching an upper-year university course on derivative-free and blackbox optimization. The book is split into 5 parts and is designed to be modular; any individual part depends only on the material in Part I. Part I of the book discusses what is meant by Derivative-Free and Blackbox Optimization, provides background material, and early basics while Part II focuses on heuristic methods (Genetic Algorithms and Nelder-Mead). Part III presents direct search methods (Generalized Pattern Search and Mesh Adaptive Direct Search) and Part IV focuses on model-based methods (Simplex Gradient and Trust Region). Part V discusses dealing with constraints, using surrogates, and bi-objective optimization. End of chapter exercises are included throughout as well as 15 end of chapter projects and over 40 figures. Benchmarking techniques are also presented in the appendix.