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Titolo	Harmony Search Algorithm : Proceedings of the 2nd International Conference on Harmony Search Algorithm (ICHSA2015) // edited by Joong Hoon Kim, Zong Woo Geem
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Lingua di pubblicazione	Inglese
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Part I Various Aspects of Optimization Algorithms -- Part II Large scale applications of HSA -- Part III Recent Variants of HSA -- Part IV Other Nature-inspired Algorithms -- Part V Related Areas and Computational Intelligence -- Part VI Optimization in Civil Engineering -- Part VII Multi-objectives variants of HSA.
Sommario/riassunto	The Harmony Search Algorithm (HSA) is one of the most well-known techniques in the field of soft computing, an important paradigm in the science and engineering community. This volume, the proceedings of the 2nd International Conference on Harmony Search Algorithm 2015 (ICHSA 2015), brings together contributions describing the latest developments in the field of soft computing with a special focus on HSA techniques. It includes coverage of new methods that have potentially immense application in various fields. Contributed articles cover aspects of the following topics related to the Harmony Search Algorithm: analytical studies; improved, hybrid and multi-objective variants; parameter tuning; and large-scale applications. The book

also contains papers discussing recent advances on the following topics: genetic algorithms; evolutionary strategies; the firefly algorithm and cuckoo search; particle swarm optimization and ant colony optimization; simulated annealing; and local search techniques. This book offers a valuable snapshot of the current status of the Harmony Search Algorithm and related techniques, and will be a useful reference for practising researchers and advanced students in computer science and engineering.
