1. **Record Nr.**   UNISA996465338403316

   Titolo   Advances in Swarm Intelligence, Part I [[electronic resource]] : Second International Conference, ICSI 2011, Chongqing, China, June 12-15, 2011, Proceedings, Part I / / edited by Ying Tan, Yuhui Shi, Yi Chai, Guoyin Wang

   Pubbl/distr/stampa   Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2011

   ISBN   3-642-21515-7

   Edizione   [1st ed. 2011.]

   Descrizione fisica   1 online resource (XXVI, 639 p. 213 illus., 125 illus. in color.)

   Collana   Theoretical Computer Science and General Issues, , 2512-2029 ; ; 6728

   Disciplina   005.1

   Soggetti   Algorithms
   Application software
   Artificial intelligence
   Computer science
   Computer networks
   Information storage and retrieval systems
   Computer and Information Systems Applications
   Artificial Intelligence
   Theory of Computation
   Computer Communication Networks
   Information Storage and Retrieval

   Lingua di pubblicazione   Inglese

   Formato   Materiale a stampa

   Livello bibliografico   Monografia

   Note generali   Bibliographic Level Mode of Issuance: Monograph

   Nota di bibliografia   Includes bibliographical references and index.

   Sommario/riassunto   The two-volume set (LNCS 6728 and 6729) constitutes the refereed proceedings of the International Conference on Swarm Intelligence, ICSI 2011, held in Chongqing, China, in June 2011. The 143 revised full papers presented were carefully reviewed and selected from 298 submissions. The papers are organized in topical sections on theoretical analysis of swarm intelligence algorithms, particle swarm optimization, applications of pso algorithms, ant colony optimization algorithms, bee colony algorithms, novel swarm-based optimization

algorithms, artificial immune system, differential evolution, neural networks, genetic algorithms, evolutionary computation, fuzzy methods, and hybrid algorithms - for part I. Topics addressed in part II are such as multi-objective optimization algorithms, multi-robot, swarm-robot, and multi-agent systems, data mining methods, machine learning methods, feature selection algorithms, pattern recognition methods, intelligent control, other optimization algorithms and applications, data fusion and swarm intelligence, as well as fish school search - foundations and applications.