

[DOWNLOAD](#)

On Multi-objective Optimization Based on Ant Colony Optimization

By Masoud Rizk Allah, Rizk / Mousa, Abd Allah A.

Condition: New. Publisher/Verlag: LAP Lambert Academic Publishing | Developing an Ant Colony Optimization Algorithm for Engineering Applications | Ant Colony Optimization (ACO) is a meta-heuristic algorithm which has been successfully applied to tackle various combinatorial optimization problems, but its ability to cope with multi-objective optimization problems is yet to be explored widely. Since most real-world search and optimization problems are naturally posed as non-linear programming problems having multi-objective problems. Therefore, the principal goal of this work aims to implement a specialized version of the ant colony optimization algorithm capable of finding a set of solutions for multi-objective optimization problems. Features relevant to ant colony optimization include a highly efficient form of best-path exploitation (pheromone detection), and a sensible mechanism for exploration (probabilistic path selection). The results demonstrate superiority of the proposed algorithm and confirm its potential to solve the multi-objective problems and engineering applications. | Format: Paperback | Language/Sprache: english | 250 gr | 220x150x9 mm | 176 pp.



[READ ONLINE](#)
[6.98 MB]

Reviews

This book is really gripping and intriguing. It is written in easy words and never confusing. You can expect to like the way the blogger created this pdf.
-- **Summer Jacobson**

Complete guideline for pdf lovers. It is definitely basic but shocks within the 50 percent of your ebook. I am easily could get a pleasure of studying a created publication.
-- **Prof. Elwyn Boehm MD**

Other eBooks



The Honest Woodcutter/The Fox without a Tail

Discovery Publishing Pvt.Ltd. Paperback. Book Condition: new. BRAND NEW, The Honest Woodcutter/The Fox without a Tail, Discovery Kidz, This book is part of the Aesops Fables (Fun with 2 Stories) Series, titles in this series include: The Ant & The Dove/The Hungry...



Readers Clubhouse Set a Dan the Ant

Barron s Educational Series, United States, 2006. Paperback. Book Condition: New. Karen Stormer Brooks (illustrator). 214 x 149 mm. Language: English . Brand New Book. This is volume one, Reading Level 1, in a comprehensive program (Reading Levels 1 and 2) for...



Preventing Childhood Eating Problems : A Practical, Positive Approach to Raising Kids Free of Food and Weight Conflicts

Book Condition: Brand New. Book Condition: Brand New.



Read Write Inc. Phonics: Orange Set 4 Storybook 2 I Think I Want to be a Bee

Oxford University Press, United Kingdom, 2016. Paperback. Book Condition: New. Tim Archbold (illustrator). 209 x 149 mm. Language: N/A. Brand New Book. These engaging Storybooks provide structured practice for children learning to read the Read Write Inc. Set 1 and 2 sounds....



Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselues By. by Thomas Taylor Preacher of Gods Word to the Towne of Reding. (1624-1625)

Proquest, Eebo Editions, United States, 2010. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.EARLY HISTORY OF RELIGION. Imagine holding history in your hands. Now you can. Digitally preserved and previously accessible...



Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselues By. by Thomas Taylor Preacher of Gods Word to the Towne of Reding. (1625)

Proquest, Eebo Editions, United States, 2010. Paperback. Book Condition: New. 246 x 189 mm. Language: English Brand New Book ***** Print on Demand *****.EARLY HISTORY OF RELIGION. Imagine holding history in your hands. Now you can. Digitally preserved and previously accessible only...