

**Accession number:** 20120614746145

**Title:** **Proceedings - 2011 7th International Conference on Computational Intelligence and Security, CIS 2011**

**Source title:** Proceedings - 2011 7th International Conference on Computational Intelligence and Security, CIS 2011

**Abbreviated source title:** Proc. - Int. Conf. Comput. Intell. Secur., CIS

**Monograph title:** Proceedings - 2011 7th International Conference on Computational Intelligence and Security, CIS 2011

**Issue date:** 2011

**Publication year:** 2011

**Language:** English

**ISBN-13:** [9780769545844](#)

**Document type:** Conference proceeding (CP)

**Conference name:** 2011 7th International Conference on Computational Intelligence and Security, CIS 2011

**Conference date:** December 3, 2011 - December 4, 2011

**Conference location:** Sanya, Hainan, China

**Conference code:** [88263](#)

**Sponsor:** Xidian University; HIC; Beijing Normal University; Guangdong University of Technology

**Publisher:** IEEE Computer Society, 445 Hoes Lane - P.O.Box 1331, Piscataway, NJ 08855-1331, United States

**Abstract:** The proceedings contain 348 papers. The topics discussed include: a genetic algorithm based on a new fitness function for constrained optimization problem; a hybrid simplex multi-objective evolutionary algorithm based on preference order ranking; a new filled function algorithm for constrained global optimization problems; energy-efficient multi-task scheduling based on MapReduce for cloud computing; exploring centrality-lethality rule from evolution constraint on essential hub and nonessential hub in yeast protein-protein interaction network; improved differential evolution algorithm with adaptive mutation and control parameters; multi-objective optimization of bus dispatching based on improved genetic algorithm; resource optimization for uncertain traffic demand in multi-radio multi-channel wireless networks; algorithm of distribution estimation for node localization in wireless sensor network; and an intelligent vehicle monitoring system based on Internet of things.

**Abstract type:** (Edited Abstract)

**Page count:** 1609

**Database:** Compendex

Compilation and indexing terms, © 2011 Elsevier Inc.

© 2011 Elsevier Inc. All rights reserved.