

# IEEE TRANSACTIONS ON EVOLUTIONARY COMPUTATION

A PUBLICATION OF THE IEEE COMPUTATIONAL INTELLIGENCE SOCIETY

<http://cis.ieee.org/ieee-transactions-on-evolutionary-computation.html>



JUNE 2016

VOLUME 20

NUMBER 3

ITEVF5

(ISSN 1089-778X)

---

## PAPERS

A Modified Ant Colony Optimization Algorithm for Network Coding Resource Minimization .....	Z. Wang, H. Xing, T. Li, Y. Yang, R. Qu, and Y. Pan	325
Multifactorial Evolution: Toward Evolutionary Multitasking .....	A. Gupta, Y.-S. Ong, and L. Feng	343
A Unified Evolutionary Optimization Procedure for Single, Multiple, and Many Objectives .....	H. Seada and K. Deb	358
Analysis of Stability, Local Convergence, and Transformation Sensitivity of a Variant of the Particle Swarm Optimization Algorithm .....	M. R. Bonyadi and Z. Michalewicz	370
Visualization and Performance Metric in Many-Objective Optimization .....	Z. He and G. G. Yen	386
Automatic Component-Wise Design of Multiobjective Evolutionary Algorithms .....	L. C. T. Bezerra, M. López-Ibáñez, and T. Stützle	403
A Sparse Spectral Clustering Framework via Multiobjective Evolutionary Algorithm .....	J. Luo, L. Jiao, and J. A. Lozano	418
The Permutation in a Haystack Problem and the Calculus of Search Landscapes .....	V. A. Cicirello	434
Constraint Consensus Mutation-Based Differential Evolution for Constrained Optimization .....	N. M. Hamza, D. L. Essam, and R. A. Sarker	447
Computing Nash Equilibria and Evolutionarily Stable States of Evolutionary Games .....	J. Li, G. Kendall, and R. John	460

---

## LETTERS

The <i>N</i> -Player Trust Game and its Replicator Dynamics .....	H. Abbass, G. Greenwood, and E. Petraki	470
Constrained Subproblems in a Decomposition-Based Multiobjective Evolutionary Algorithm .....	L. Wang, Q. Zhang, A. Zhou, M. Gong, and L. Jiao	475

---

## ANNOUNCEMENTS

Call for Participation: IEEE World Congress on Computational Intelligence .....	481
Call for Papers: 2016 IEEE Symposium Series on Computational Intelligence .....	482