

Accepted Manuscript

Title: A Hyper-heuristic Approach to Automated Generation of Mutation Operators for Evolutionary Programming

Author: Libin Hong John H. Drake John R. Woodward Ender Özcan



PII: S1568-4946(17)30605-1
DOI: <https://doi.org/doi:10.1016/j.asoc.2017.10.002>
Reference: ASOC 4497

To appear in: *Applied Soft Computing*

Received date: 3-5-2017
Revised date: 14-8-2017
Accepted date: 5-10-2017

Please cite this article as: Libin Hong, John H. Drake, John R. Woodward, Ender Özcan, A Hyper-heuristic Approach to Automated Generation of Mutation Operators for Evolutionary Programming, *Applied Soft Computing Journal* (2017), <https://doi.org/10.1016/j.asoc.2017.10.002>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Designing mutation operators for Evolutionary Programming involves much manual effort

Genetic Programming is used to evolve mutation operators for Evolutionary Programming

A train-and-test approach is used to evaluate performance over 23 function classes

The evolved mutation operators outperform existing operators on classes of functions

Operators evolved for specific classes also outperform other evolved operators

Accepted Manuscript

متن کامل مقاله

دریافت فوری ←

ISIArticles

مرجع مقالات تخصصی ایران

- ✓ امکان دانلود نسخه تمام متن مقالات انگلیسی
- ✓ امکان دانلود نسخه ترجمه شده مقالات
- ✓ پذیرش سفارش ترجمه تخصصی
- ✓ امکان جستجو در آرشیو جامعی از صدها موضوع و هزاران مقاله
- ✓ امکان دانلود رایگان ۲ صفحه اول هر مقاله
- ✓ امکان پرداخت اینترنتی با کلیه کارت های عضو شتاب
- ✓ دانلود فوری مقاله پس از پرداخت آنلاین
- ✓ پشتیبانی کامل خرید با بهره مندی از سیستم هوشمند رهگیری سفارشات