







Home ▶ All Journals ▶ Engineering Optimization ▶ List of Issues ▶ Volume 42, Issue 2 ▶ Interactive multi-objective particle swa

Engineering Optimization > Volume 42, 2010 - Issue 2

483 22

0

Views CrossRef citations to date Altmetric

Original Articles

Interactive multi-objective particle swarm optimization with heatmap-visualization-based user interface

Jan Hettenhausen ≥, Andrew Lewis & Sanaz Mostaghim

Pages 119-139 | Received 21 Oct 2008, Published online: 29 Oct 2009

Sample our
Mathematics & Statistics
Journals

>> Sign in here to start your access to the latest two volumes for 14 days

Full Ar

Repri

Abstra

This arti
(MOPSO

based or

prescomb

decreasi

The met compare preferen specific

was able

We Care About Your Privacy

We and our 854 partners store and access personal data, like browsing data or unique identifiers, on your device. Selecting "I Accept" enables tracking technologies to support the purposes shown under "we and our partners process data to provide," whereas selecting "Reject All" or withdrawing your consent will disable them. If trackers are disabled, some content and ads you see may not be as relevant to you. You can resurface this menu to change your choices or withdraw consent at any time by clicking the ["privacy preferences"] link on the bottom of the webpage [or the floating icon on the bottom-left of the webpage, if applicable]. Your choices will have effect within our Website. For more details, refer to our Privacy Policy. Here

We and our partners process data to provide:

I Accept

Reject All

Show Purpose ation

tion process

s article also

hich,

reby

Its were

-specific

search on a
ed method

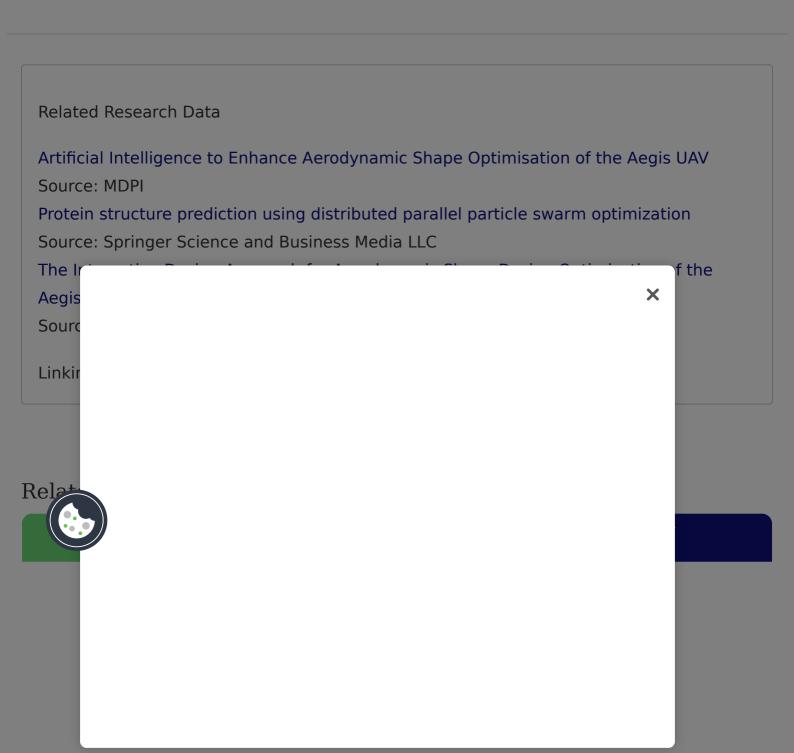
in terms of

convergence towards the true Pareto-front and the number and spread of focused solutions.

Q Keywords: interactive multi-objective particle swarm optimization heatmap visualization multi-objective optimization interactive optimization

Acknowledgements

The authors would like to thank Andy Pryke for his encouragement and assistance with the heatmap visualization method.



Information for Open access Authors Overview R&D professionals Open journals Editors **Open Select** Librarians **Dove Medical Press** Societies F1000Research Opportunities Help and information Reprints and e-prints Advertising solutions Newsroom Accelerated publication Corporate access solutions Books Keep up to date Register to receive personalised research and resources by email Sign me up X or & Francis Group Copyright Registered 5 Howick Pl