Accepted Manuscript

Efficient computation of the search region in multi-objective optimization

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PII: \$0377-2217(16)30349-6 DOI: 10.1016/j.ejor.2016.05.029

Reference: EOR 13715

To appear in: European Journal of Operational Research

Received date: 1 September 2015 Revised date: 21 March 2016 Accepted date: 13 May 2016



Please cite this article as: Kerstin Dächert, Kathrin Klamroth, Renaud Lacour, Daniel Vanderpooten, Efficient computation of the search region in multi-objective optimization, *European Journal of Operational Research* (2016), doi: 10.1016/j.ejor.2016.05.029

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Highlights

- \bullet We define a neighborhood relation on search zones.
- We develop an algorithm to update the search region that uses this relation.
- We show by numerical experiments that it enables a much more efficient exploration of the search region than earlier approaches.

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