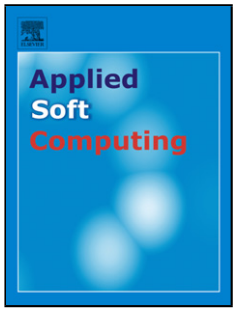

Title: Modelling and scheduling multi-objective flow shop problems with interfering jobs

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PII: S1568-4946(16)30670-6
DOI: http://dx.doi.org/doi:10.1016/j.asoc.2016.12.041
Reference: ASOC 3980

To appear in: *Applied Soft Computing*

Received date: 17-11-2015
Revised date: 3-11-2016
Accepted date: 22-12-2016

Please cite this article as: M.Torkashvand, B.Naderi, S.A.Hosseini, Modelling and scheduling multi-objective flow shop problems with interfering jobs, Applied Soft Computing Journal http://dx.doi.org/10.1016/j.asoc.2016.12.041

Modelling and scheduling multi-objective flow shop problems with interfering jobs

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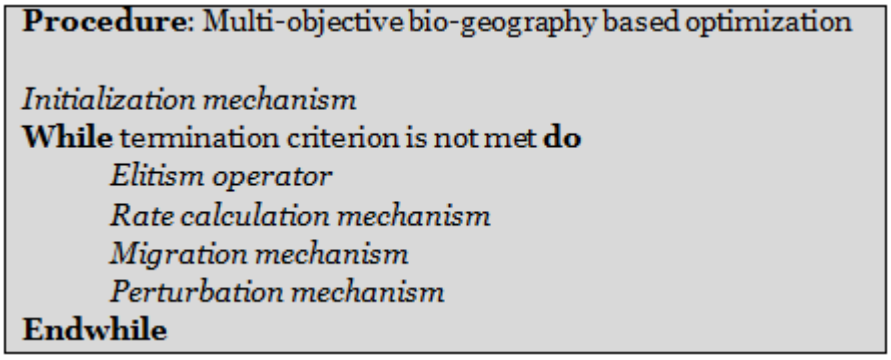
Graphical abstract



Highlights

1. This paper considers multi-objective flow shops with interfering jobs.
2. The problem is modeled by a mixed integer linear program.
3. A novel biogeography-based optimization is proposed.
4. The performance is compared with three well-known algorithms.