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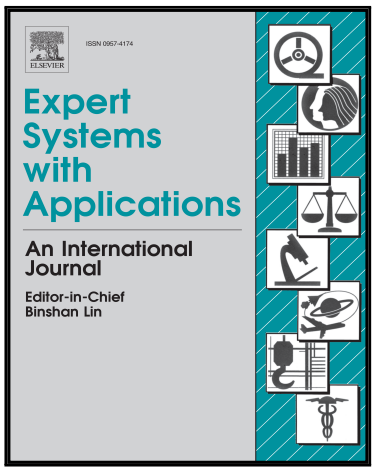

A multi-objective discrete invasive weed optimization for multi-objective blocking flow-shop scheduling problem

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PII: S0957-4174(18)30366-X
DOI: 10.1016/j.eswa.2018.06.020
Reference: ESWA 12014

To appear in: *Expert Systems With Applications*

Received date: 15 January 2018
Revised date: 17 May 2018
Accepted date: 8 June 2018

Please cite this article as: Zhongshi Shao , Dechang Pi , Weishi Shao , A multi-objective discrete invasive weed optimization for multi-objective blocking flow-shop scheduling problem, *Expert Systems With Applications* (2018), doi: 10.1016/j.eswa.2018.06.020

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Highlights

- The multiple objectives are considered in the BPSP.
- A multi-objective IWO (MODIWO) is proposed to solve MOBFSP with makespan and total tardiness.
- The phases of MODIWO are redesigned according to the features of problem.
- A self-adaption phase is introduced into the framework of IWO.
- Outperforms several state-of-the-art multi-objective algorithms on the well-known benchmark instances.

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