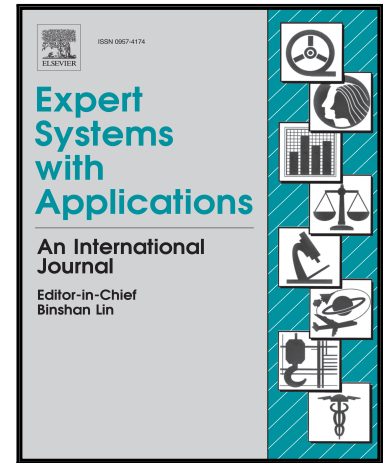


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A closed loop based facility layout design using a cuckoo search algorithm

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Highlights

- We propose a novel approach to solve the closed loop layout design problem.
- The material travel distance between cells is evaluated along a closed loop.
- A cuckoo search based algorithm is applied to layout problems.
- Random-key based encoding is used to represent a combinatorial solution

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