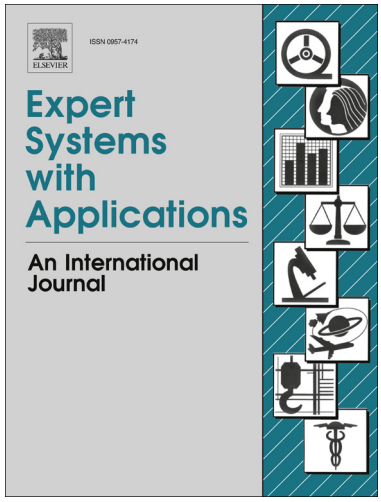

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An Improved Shuffled Complex Evolution Algorithm with Sequence Mapping Mechanism for Job Shop Scheduling Problems

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An Improved Shuffled Complex Evolution (ISCE) algorithm is proposed.
The sequence mapping mechanism was presented.
The sequence with job permutation, is adopted for encoding and decoding.
A new strategy is used to improve the individual's evolution to overcome stagnation.
The results show that the improved algorithm is effective to the job shop scheduling.