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An Alternative Artificial Bee Colony Algorithm with Destructive-Constructive Neighbourhood Operator for the Problem of Composing Medical Crews

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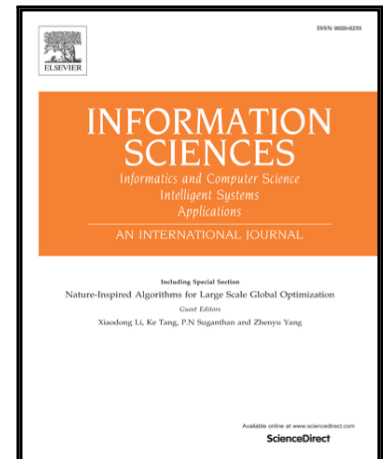
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**Highlights**

- We address the problem of composing medical crews according to the principles of Equity and Efficiency.
- An artificial bee colony algorithm and a local search procedure are proposed for this problem.
- Bees partially destroy and heuristically construct previous solutions to produce new candidate configurations.
- The results on three context with increasing difficult levels show the proposal as a tool of choice for the problem.

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