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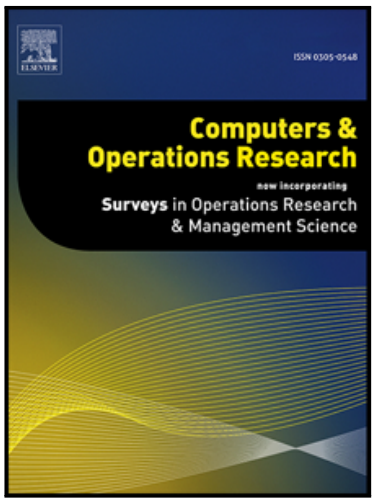

Two-mode Modularity Clustering of Parts and Activities for Cell Formation Problems

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Abstract

Cell formation in cellular manufacturing is a critical step to improving productivity by grouping parts and machines. Numerous heuristic search algorithms and several performance measures have been used in finding an effective cell formation solution. It is still a challenging task to find a good cell formation that satisfies several performance measures. Clustering approaches aim to find good clusters of parts and machines

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