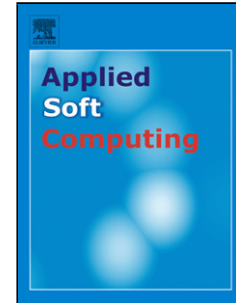


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for solving a bi-objective cell formation problem considering alternative  
process routings and machine duplication**

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