Abstract

This paper focuses on the intelligent object cutting approach for optimizing manufacturing problem in manufacturing industries. The main motive behind inscribing this paper is to scale back or minimize the wastage from the unessential cutting of stuff because it has been a key issue. In other words, minimizing the wastage and maximizing the profit is the main goal. As per the current scenario in the manufacturing industries, the manufacturers are observing a huge loss of materials resulting in minimized profit. So, in order to overcome this problem an algorithm must be designed which gives an optimal solution for object cutting problem.

References

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**Index Terms**

Computer Science  
Artificial Intelligence

**Keywords**

Manufacturing problem, Heuristic function, Optimization