

## **A SIMPLE APPROACH FOR SOLVING SINGLE AND MULTI-OBJECTIVE SHORTEST PATH PROBLEM**

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### **Abstract**

In this paper, we propose a simple algorithm for solving single objective shortest path problem and extend the same algorithm for solving multi objective shortest path problem by changing it to single objective shortest path problem using Geoffrion's approach.

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Key Words : Single objective shortest path problem, Multi-objective shortest path problem, Geoffrion technique, Properly efficient solution.