

Which of the following algorithm employs dynamic programming?

- (A) Prim's algorithm for finding a minimum spanning tree
- (B) Dijkstra algorithm for solving the single source shortest path problem
- (C) Floyd-Warshall for solving the all-pairs shortest path problem
- (D) Huffman algorithm for constructing a Huffman code
- (E) Kruskal's algorithm for finding a minimum spanning tree

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解 (C)