

2 Disjoint Paths Problem in Oriented Mesh Network

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Abstract

Given a graph $G = (V, E)$ and two distinct pairs of vertices (s_1, t_1) and (s_2, t_2) , the 2- DPP is to find two disjoint paths P_1 from s_1 to t_1 and P_2 from s_2 to t_2 . In this paper we define orientation in the mesh and identify the pairs of vertices in which 2 DPP is not solvable.
