

Mod $(2p + 1)$ -orientations and $K_{1,2p+1}$ -decompositions

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Abstract

In this paper, we established an equivalence between the contractible graphs with respect to the mod $(2p + 1)$ -orientability and the graphs with $K_{1,2p+1}$ -decompositions. Furthermore, it is applied to disprove a conjecture proposed by Barat and Thomassen.