We consider convex domination in maximal outerplanar graphs (mops). We compare connected domination with convex domination in such graphs; then we show that the switching an edge can arbitrarily change the convex domination number of a mop. We give also some bounds on convex domination number in mops in terms of the number of vertices of a mop $G$ and characterize the extremal graphs. Finally we consider some dual graphs for extremal mops.

Keywords: convex domination, maximal outerplanar graphs.

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References


