

ERRATUM to:
Double domination edge removal critical graphs

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In Section 5 of [1], class \mathcal{H}_2 should be defined as follows:

Let \mathcal{H}_2 be the family of graphs whose vertex set contains a set D that induces a star $K_{1,r}$ (with $r \geq 1$), of center vertex x and leaves x_1, \dots, x_r , such that: for every vertex u of $V(G) - D$, $N(u)$ is equal to either $\{x_1, x_2\}$ or $\{x, x_i\}$ for some $i \in \{1, \dots, r\}$; moreover, if any vertex z of $V(G) - D$ satisfies $N(z) = \{x_1, x_2\}$, then no vertex u of $V(G) - D$ satisfies $N(u) = \{x, x_1\}$.

In [1] the proof of Theorem 18 (p. 298, line 4), the clause “all remaining vertices of $V(G) - D$ are either $x_l, x_{l'}$ or to x, x_l ” must be replaced by: then we may assume, up to symmetry, that no vertex u of $V(G) - D$ satisfies $N(u) = \{x, x_{l'}\}$.

[1] S. Khelifi, M. Blidia, M. Chellali and F. Maffray, Double domination edge removal critical graphs, *Australas. J. Combin.* **48** (2010), 285–299.

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