Erratum to: On the Extremal Zagreb Indices of Graphs with Cut Edges

Yanqin Feng · Xia Hu · Shuchao Li

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We correct Theorem 5.2, which relates the sharp upper bound for the second Zagreb index of graphs with k cut edges, as the following:

Theorem 5.2 *Let $G \in \mathcal{G}_n^k$, then*

$$4n + 4 \leq M_2(G) \leq \frac{1}{2}(n - k - 1)^3(n - k - 2) + (n - 1)[(n - k - 1)^2 + k],$$

the left equality holds if and only if $G \cong P_n^k$ and the right equality holds if and only if $G \cong K_n^k$.

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Y. Feng · X. Hu
School of Mathematics and Statistics, Wuhan University, Wuhan 430072, China

S. Li (✉)
Faculty of Mathematics and Statistics, Hubei Key Laboratory of Mathematical Science, Central China
Normal University, Wuhan 430079, China
e-mail: lscmath@mail.ccnu.edu.cn