MINIMAL ESTRADA INDICES OF THE TREES
WITH A PERFECT MATCHING∗

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Abstract. Let \( H_n \) be the set of the trees having a perfect matching with \( n \) vertices. The ordering of the trees in \( H_n \) according to their minimal Estrada indices is investigated. The trees with the smallest and the second smallest Estrada indices among \( H_n \), with \( n \geq 6 \), are obtained.

Key words. Estrada indices, Perfect matching, Trees.

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