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*The Number of Minimum Dominating Sets of a Tree*

We present an upper bound on the number of minimum dominating sets of a tree in terms of the domination number, which in turn can be used to give an upper bound in terms of order. This bound is compared to known bounds for the number of minimal dominating sets of a tree. We also show a family of trees that possess many minimum dominating sets, thus answering a question posed by Fricke, Hedetniemi, Hedetniemi, and Hutson regarding the order of the gamma graph of a tree. Additional results concerning the gamma graph are also discussed.