CHARACTERIZATION OF EXTREMAL \((A,2B)\)-EDGE COLOURED TREES

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In the talk we present some properties connected with a special kind of edge-shade colouring in graphs namely \((A,2B)\)-edge colouring. We consider this colouring in the class of trees and we present the successive extremal trees with respect to the number of all \((A,2B)\)-edge colouring. Moreover we show that obtained results are closely related to a graph interpretation of Fibonacci numbers.

Keywords: edge colouring, tripod, Fibonacci numbers.

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References