

On decomposing $2n$ -regular circulant graphs into forests with n edges

Nolan Boone*, Northern Kentucky University

Kyle Kimball, Northern Illinois University

Saad El-Zanati and Maggie Kopp, Illinois State University

Let G be a forest with n edges and let H be a $2n$ -regular graph. El-Zanati conjectures that H is necessarily decomposable into subgraphs isomorphic to G . We show that this conjecture holds when G is a forest of caterpillars and H is a $2n$ -regular circulant of order $2n + 1$ or higher.

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