

Dong, F. M.; Liu, Y. P.; Koh, K. M.

The chromaticity of odd wheels with a missing spoke. (English) [Zbl 0880.05038](#)

N. Z. J. Math. 26, No. 1, 31-44 (1997).

A graph G is said to be χ -unique if no graph not isomorphic with G has the same chromatic polynomial as G . *K. M. Koh* and *K. L. Teo* [*Graphs Comb.* 6, No. 3, 259-285 (1990; [Zbl 0727.05023](#))] asked if every wheel of odd order at least nine with a missing spoke is χ -unique. The present paper answers this question in the affirmative.

Reviewer: [A.T.White](#) ([Kalamazoo](#))

MSC:

[05C15](#) Coloring of graphs and hypergraphs

Cited in **2** Documents

Keywords:

chromatic polynomial; wheel