Discussiones Mathematicae
Graph Theory 38 (2018) 39–48
doi:10.7151/dmgt.1990

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DMGT Page

A NOTE ON THE INTERVAL FUNCTION OF A DISCONNECTED GRAPH

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Abstract

In this note we extend the Mulder-Nebeský characterization of the interval function of a connected graph to the disconnected case. One axiom needs to be adapted, but also a new axiom is needed in addition.

Keywords: interval function, transit function, axiomatic characterization, disconnected graph.

2010 Mathematics Subject Classification: 05C12, 05C38, 05C05.

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Received 21 May 2016
Revised 13 September 2016
Accepted 14 September 2016