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A NOTE ON LONGEST PATHS IN CIRCULAR ARC GRAPHS

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Abstract

As observed by Rautenbach and Sereni [SIAM J. Discrete Math. **28** (2014) 335–341] there is a gap in the proof of the theorem of Balister *et al.* [Combin. Probab. Comput. **13** (2004) 311–317], which states that the intersection of all longest paths in a connected circular arc graph is nonempty. In this paper we close this gap.

Keywords: circular arc graphs, longest paths intersection.

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