

A New Result on Problem A

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Abstract

Summarize your result here.

1 Introduction

For a set of points in the plane, we consider the Problem A posed by Ahmadi [1]. This is important and will be interesting for geometers.

Conjecture 1 *This year, all submissions will be created using this template.*

Observation 1 *The statement in Conjecture 1 did not hold true last year.*

Invariant 1 *Her is an invariant.*

2 Results

We do expect all proofs to be available for reviewers. If some proofs and details do not fit in these four pages, you can leave them for the appendix.

2.1 Preliminary results

Proposition 1 *Here is a proposition.*

Lemma 2 *Here is a lemma.*

The proof is omitted due to lack of space. It can be found in the appendix, and in our publicly available tech report.

Theorem 3 *Here is a theorem.*

Proof. This relies on Lemma 2. \square

2.2 Algorithm

1. Do Alg 1.
2. Go to step 1.

3 Remarks

Please avoid changing anything in this template that will cause the fonts and margins to look different.

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4 Discussion

Here, you can add a discussion, and pose open problems.

References

- [1] A. Yari and A. Kazemi A new result. *Journal of Geometry*, 59(2):58–75, 2010.

Appendix

Submissions should not exceed four pages, must be submitted electronically, and must be prepared using LaTeX, this template.

Authors who feel that additional details are necessary should include a clearly marked appendix, which will be read at the discretion of the Program Committee.