

ERRATUM TO: ON THE DJL CONJECTURE FOR ORDER 6

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Abstract. In this note an erratum is provided to the article “On the DJL conjecture for order 6” by Naomi Shaked-Monderer, published in *Operators and Matrices* 11(1), 2017, 71–88. We will demonstrate and correct two errors in this article. The first error is in the statement of a proposition, which omits a certain category of extreme matrices. The second error is in the proof of a lemma. Fortunately the lemma itself is correct, and in this note we will in fact show that a stronger result holds.

Mathematics subject classification (2010): 15B48, 15A23.

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REFERENCES

- [1] N. SHAKED-MONDERER, *On the DJL conjecture for order 6*, *Operators and Matrices* **11** (1), 71–88, 2017.
- [2] M. HALL JR. AND M. NEWMAN, *Copositive and Completely Positive Quadratic Forms*, *Mathematical Proceedings of the Cambridge Philosophical Society*, **59**: 329–339, 1963.
- [3] P. J. C. DICKINSON, *The Copositive Cone, the Completely Positive Cone and their Generalisations* PhD Thesis, University of Groningen, 2013.
- [4] R. HILDEBRAND, *Minimal zeros of copositive matrices*, *Linear Algebra and Its Applications* **459**, 154–174, 2014.