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ERRATUM TO "PERMUTATION-PARTITION PAIRS: A COMBINATORIAL GENERALIZATION OF GRAPH EMBEDDINGS"

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Lemma 3 of [1] makes a false assertion about the winding number $\omega(P, \Pi)$. A counterexample to the lemma is obtained by choosing $P_1 = (123)$, $P_2 = (654)$, and $\Pi = \{\{1, 4\}, \{2, 5\}, \{3, 6\}\}$. Here $\omega(P_1, \Pi) = \omega(P_2, \Pi) = 1$, whereas $\omega(P_1P_2, \Pi) = 0$. This also invalidates the proof of the lower bound of Theorem 22 of [1] on the genus of the amalgamation of graphs over three points. More details will appear in [2].

REFERENCES

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