

Review of: "From Complex to Real Numbers: A Reverse Detour for Solving Polynomial Equations Using Complex Numbers"

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Potential competing interests: No potential competing interests to declare.

The paper presents an intriguing approach to solving polynomial equations, challenging the conventional progression from real to complex numbers. While the quality of the paper is commendable, several improvements are necessary for academic rigor:

Recent References:

- To bolster the paper's relevance, incorporate more recent references. Cite recent research on complex number methods for polynomial equations.
- Ensure that these references are distributed appropriately throughout the paper, aligning them with relevant sections.

Comparison with Contemporary Methods:

- In the conclusion, emphasize the differences and comparisons between the proposed method and the most recent approaches in the field.
- Discuss advantages, limitations, and potential areas for improvement.
- Highlight how the reverse detour approach stands out in terms of efficiency, accuracy, or applicability.