Review of: "Analysis of Traub's method for cubic"

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Potential competing interests: No potential competing interests to declare.

The paper provides a thorough examination of the stability of Traub's method in the context of root-finding for polynomials of degree three. The exploration of Traub's method in three dimensions, as opposed to the more commonly studied two-dimensional analyses in the literature, adds a novel dimension to the research. The conclusion effectively asserts the complete stability of Traub's method for cubic polynomials, supported by the proof that the only attractors for any parameter value are the roots of the polynomial. This contribution enhances our understanding of numerical methods for root-finding and warrants consideration for publication. This is a fantastic paper.