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

Mehmet Pakdemirli[1]

1 Celal Bayar University

Potential competing interests: No potential competing interests to declare.

The paper deals with determining roots of nonlinear algebraic equations. Traub's method and its extension is discussed as multipoint iteration algorithms. The paper extends the results of secant method and Kurchatov's scheme. Conical surfaces are used to exploit the ideas. It is proven that Traub's method is completely stable for any polynomial of degree three.

Comments for Improvement

1. The title may be revised "**Analysis of Traub's method for cubic polynomials**"
2. Language needs some minor improvements.
3. When discussing single point iteration algorithms, The Perturbation Iteration Algorithms can also be discussed as the method is a systematic way of producing single point algorithms of arbitrary order and precision.