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*Comparing the Local Convergence Analysis of Some Two-Step Newtons Method for Solving Equations.* Preliminary report.

We compare the local convergence analysis of some two step Newton methods used to approximate a locally unique solution of a non-linear equation in Banach Space setting. In particular we compute the radii of convergence of the popular two-step Newton method and the two-step midpoint method. Moreover, we find the error bounds on the distances involved using Lipschitz constants. The theoretical results are applied on concrete numerical examples. (Received August 16, 2017)