Electronic Journal: Southwest Journal of Pure and Applied Mathematics
Internet: http://rattler.cameron.edu/swjpam.html
ISSN 1083-0464
Issue 2, December 2001, pp. 19–23.
Submitted: October 25, 2001. Published: December 31 2001.

CONVERGENCE THEOREMS FOR NEWTON-LIKE METHODS USING DATA FROM A SET OR A SINGLE POINT AND OUTER INVERSES

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Abstract. Semilocal convergence theorems for Newton-like methods are provided using information from a set or a single point and outer inverses.

A.M.S. (MOS) Subject Classification Codes. 65H10, 47H17, 49M15.

Key Words and Phrases. Newton-like methods, Banach space, semilocal convergence theorem, outer inverse.

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