J. Austral. Math. Soc. 20 (Series B) (1977), 254

ERRATUM: FAST LOCAL CONVERGENCE WITH SINGLE AND MULTISTEP METHODS FOR NONLINEAR EQUATIONS[†]

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(Received 4 July 1977)

The authors have noticed an oversight in Section 3.1 of this paper. To correct this error it is necessary to assume a uniform differentiability condition on G(x,h). This is required, for example, to imply δ on line 4 of p. 178 can be chosen independent of h. For brevity we note that this oversight has been corrected in [1], which is available from the authors. Also, the results of subsequent sections are unaffected.

The sixth line of p. 187 should be

 $\eta(H) = 0$

and in the last line of p. 189 and the first two lines of p. 190, G should be replaced by \hat{G} .

Reference

[1] J. P. Abbott, Numerical continuation methods for nonlinear equations and bifurcation problems (Ph.D. Thesis, Computer Centre, Australian National University, 1977).

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5

[†] This Journal, 19 (1975), 173-199.