Erratum to: Some Higher Order Newton-Like Methods for Solving System of Nonlinear Equations and Its Applications

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Published online: 19 August 2017
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Erratum to: Int. J. Appl. Comput. Math (2017) 3:2213–2230 DOI 10.1007/s40819-016-0234-z

The authors regret the fact that throughout the section of Efficiency of the Methods, due to MATLAB code typos, the following errors were found in Table 1 and Fig. 1. For example, we have used 2nd *NM*, EI is $\frac{2^1}{n+n^2}$ instead of $2\frac{1}{n+n^2}$ and CE is $\frac{2^1}{\frac{1}{3}n^3+2n^2+\frac{2}{3}n}$ instead of $2\frac{1}{\frac{1}{3}n^3+2n^2+\frac{2}{3}n}$. Similarly we have used all the methods.

The authors would like to apologise for any inconvenience caused.

It was displayed as follows:

The online version of the original article can be found under doi:[10.1007/s40819-016-0234-z](https://doi.org/10.1007/s40819-016-0234-z).

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Table 1 Comparison of EI and CE

Method	EI	$n = 5$	$n = 10$	CE	$n = 5$	$n = 10$
2nd <i>NM</i>	$2 \frac{1}{n+2n^2}$	0.0666	0.0181	$2 \frac{1}{\frac{1}{3}n^3+2n^2+\frac{2}{3}n}$	0.0210	0.0037
4th <i>BCST</i>	$4 \frac{1}{n+2n^2}$	0.0727	0.0190	$4 \frac{1}{\frac{2}{3}n^3+5n^2+\frac{1}{3}n}$	0.0190	0.0034
5th <i>GGN</i>	$5 \frac{1}{2n+2n^2}$	0.0833	0.0227	$5 \frac{1}{\frac{2}{3}n^3+5n^2+\frac{4}{3}n}$	0.0232	0.0042
6th <i>CTV</i>	$6 \frac{1}{3n+2n^2}$	0.0923	0.0260	$6 \frac{1}{\frac{2}{3}n^3+6n^2+\frac{7}{3}n}$	0.0244	0.0046
4th <i>PM</i>	$4 \frac{1}{n+2n^2}$	0.0727	0.0190	$4 \frac{1}{\frac{1}{3}n^3+4n^2+\frac{2}{3}n}$	0.0275	0.0054
5th <i>PM</i>	$5 \frac{1}{2n+2n^2}$	0.0833	0.0227	$5 \frac{1}{\frac{1}{3}n^3+5n^2+\frac{5}{3}n}$	0.0285	0.0058
6th <i>PM</i>	$6 \frac{1}{2n+2n^2}$	0.1000	0.0272	$6 \frac{1}{\frac{1}{3}n^3+5n^2+\frac{5}{3}n}$	0.0342	0.0070

Fig. 1 Comparison of efficiency index and computational efficiency index

But, it must be as follows:

Table 1 Comparison of EI and CE

Method	EI	$n = 5$	$n = 10$	CE	$n = 5$	$n = 10$
2nd <i>NM</i>	$2 \frac{1}{n+2n^2}$	1.0234	1.0063	$2 \frac{1}{\frac{1}{3}n^3+2n^2+\frac{2}{3}n}$	1.0073	1.0013
4th <i>BCST</i>	$4 \frac{1}{n+2n^2}$	1.0255	1.0066	$4 \frac{1}{\frac{2}{3}n^3+5n^2+\frac{1}{3}n}$	1.0066	1.0012
5th <i>GGN</i>	$5 \frac{1}{2n+2n^2}$	1.0272	1.0073	$5 \frac{1}{\frac{2}{3}n^3+5n^2+\frac{4}{3}n}$	1.0075	1.0014
6th <i>CTV</i>	$6 \frac{1}{3n+2n^2}$	1.0279	1.0078	$6 \frac{1}{\frac{2}{3}n^3+6n^2+\frac{7}{3}n}$	1.0073	1.0014
4th <i>PM</i>	$4 \frac{1}{n+2n^2}$	1.0255	1.0066	$4 \frac{1}{\frac{1}{3}n^3+4n^2+\frac{2}{3}n}$	1.0096	1.0019
5th <i>PM</i>	$5 \frac{1}{2n+2n^2}$	1.0272	1.0073	$5 \frac{1}{\frac{1}{3}n^3+5n^2+\frac{5}{3}n}$	1.0092	1.0019
6th <i>PM</i>	$6 \frac{1}{2n+2n^2}$	1.0303	1.0082	$6 \frac{1}{\frac{1}{3}n^3+5n^2+\frac{5}{3}n}$	1.0103	1.0021

Fig. 1 Comparison of efficiency index and computational efficiency index