

Errata to Computational Methods for Numerical Analysis with R

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This document contains a list of known errors and corrections to *Computational Methods for Numerical Analysis with R*.

1. On page 20, equation 1.3 should be,

$$f(x) = a_n x^n + a_{n-1} x^{n-1} + \cdots + a_1 x + a_0.$$

This error was identified by Vahab Khademi, a doctoral student at the University of Massachusetts Amherst

2. On page 23, equation 1.6 should be,

$$\begin{aligned} f(x) &= a_n x^n + a_{n-1} x^{n-1} + \cdots + a_1 x + a_0 \\ &= a_0 + a_1 x + \cdots + a_{n-1} x^{n-1} + a_n x^n \\ &= a_0 + x(a_1 + \cdots + a_{n-1} x^{n-2} + a_n x^{n-1}) \\ &= a_0 + x(a_1 + \cdots + x(a_{n-1} + x(a_n)) \cdots). \end{aligned}$$

This error was also identified by Vahab Khademi