

Chapra: Numerical Methods for Engineers, 7e Errata

Page 182: Figure 7.2, line 9 should read $r(j) = r(j) - q(k+1) * d(j-k)$

Also, delete the lines:

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DOFOR i = 0, n  
— a(i) = q(i+1)  
END DO
```

Page 304: Figure 11.3 caption should read: Pseudocode for Cholesky's decomposition algorithm.

Page 366: second equation on page following text "Substituting the initial guess yields": x_1 should be x_2

Page 368: Example 14.1 second line of text after E14.1.1 should read: Notice that a single maximum of 1.25 occurs at $x = -1$ and $y = 1.5$.

Page 884 Equation 30.17: $n = 0$ in the summation should be $n = 1$.