-1-

Further Additions and Corrections

Interpolation 11. Pages: Generalisation to n-degree polynomials Li(n) = (x-x0) ... (x-xi-1)(x-xi+1) ... (x-xn)

(xi-x0) ... (xi-xi-1)(xi-xi+1) ... (xi-xn) At n= ni, Li(ni) = 1 To the case of [=0] [Lo(x) = (x-x1)(x-x2)...(x-xn) When x=x0 (x0-x1)(x0-x2)...(x0-xn) Lo(x0)=1. 2/. Page 16: [f[x1, x2, x3] = f[x2, x3] - f[x1, x2] x3 - x1, (correction) 3/. Page 21: Pn(a)= fo+(-1) 2 7fo+(-1) 2/210 + (-1)3 2(2)-1)(2-2) 73fo+...+(-1)n2 (CORRECTED) 2! In the last term the Correction is (-1)" | the dots (...) Numerical Integration and Differentiation 11. Page 14: At the bottom of the page all terms with he should be read as h2 f(4)(t) -> The fourth derivative of f(t), who se argument is t