CORRECTIONS
TO
W. Gautschi, "Numerical analysis: an introduction", Birkhäuser, Boston, 1997

p. iv, line 6 insert
Email: `wxg@cs.purdue.edu`
Homepage: `http://www.cs.purdue.edu/people/wxg`

p. xii, line 2 insert comma after "equations"

p. 6, line 5 update "Iserles [1992–1996]" to "Iserles [1992–1997]"

p. 33, footnote 3 insert period at the end of the footnote

p. 36, line −9 omit comma after "where"

p. 39, Notes at the end of 1st paragraph replace "[preprint]" by "[1997]"

p. 42, Ex. 5 replace "algorithm" by "fortran program"

p. 45, Ex. 18 replace "associative" by "distributive"

p. 73, Eq. (1.33) replace "$(2k!)$" by "$(2k)!$"

p. 95, Eq. (2.1′) in the denominator replace i by j (3 times)

p. 120, §1.4, line 7 insert closing parenthesis after the closing bracket

p. 143, Ex. 7(a) read "polynomial" instead of "polymomial"

p. 144, Ex. 9(a) set "tri(n,a,b,c,u,v)" in typewriter style

p. 144, Ex. 9(b) set "tri" in typewriter style and interchange closing parenthesis with period

p. 160, line −7 replace "$(t-a)(b-t)$" by "$(t-a)(b-t)w(t)$"

p. 171, line 6 replace approximate sign by equal sign

p. 192, Ex. 4, line 2 insert "and $P_1 = \left(\frac{1}{2}, \frac{1}{2}\right)$" after "circle"

p. 202, Ex. 48 replace $E(f)$ by $E^S(f)$ (3 times)

p. 206, Ex. 3, lines 16–17 replace "1.809045218947..." by "1.809048475800..." and ".620549071924..." by ".620536603446..."

p. 221 3 lines before last display
replace "d numbers" by "numbers"
replace "$\alpha_0 + \sqrt{\beta_1}$" by "$\alpha_0 \pm \sqrt{\beta_1}$"
replace "$\alpha_1 + \sqrt{\beta_1} + \sqrt{\beta_2}$" by "$\alpha_1 \pm (\sqrt{\beta_1} + \sqrt{\beta_2})$"
replace "$\alpha_{d-2} + \sqrt{\beta_{d-2}} + \sqrt{\beta_{d-1}}$" by "$\alpha_{d-2} \pm (\sqrt{\beta_{d-2}} + \sqrt{\beta_{d-1}})$"
replace "$\alpha_{d-1} + \sqrt{\beta_{d-1}}$" by "$\alpha_{d-1} \pm \sqrt{\beta_{d-1}}$"

p. 247, §8.2 replace "Theorem 4.8.2" by "Theorem 4.8.1"

p. 262, line −2 insert "and $s = 1$ or $s = 2$" after "$n = 2$"

p. 304, Eq. (5.13) replace "$(n + k)!$" by "$(n + m)!$"

p. 311, lines 3–4 delete "exact" and delete "(if, as we assume, $\lambda_{jj} \neq 0$ for all j)"

p. 316, lines 17–18 replace μ_0 by μ_1 (twice)

p. 459 update reference: Edelman, Alan [1997]. The mathematics of the Pentium division bug, *SIAM Rev. 39*, 54–67.

p. 462 update reference: Gautschi, Walter [1997]. Moments in quadrature problems. Approximation theory and applications, *Comput. Math. Appl. 33*, 105–118.
update reference: Gautschi, Walter and Milovanović, Gradimir V. [1997]. S-orthogonality and construction of Gauss-Turán-type quadrature formulae, *J. Comput. Appl. Math. 86*, 205–218.

p. 464 update reference: Griewank, Andreas, Juedes, David, and Utke, Jean [1996]. Algorithm 755: ADOL-C: a package for the automatic differentiation of algorithms written in C/C++, *ACM Trans. Math. Software 22*, 131–167.

p. 467 update reference: Iserles, Arieh, ed. [1992–1997]. *Acta numerica*, Cambridge University Press, Cambridge.

p. 468 update reference: Laurie, D.P. [1997]. Calculation of Gauss-Kronrod quadrature rules, *Math. Comp. 66*, 1133–1145.

p. 474 correct reference: Resnikoff, Howard L. and Wells, Raymond O., Jr. [1998]. *Wavelet analysis. The scalable structure of information*, Springer, New York.

p. 500 in the item "Padé approximation" replace "318" by "319"