

ERRATA FOR EARLY FOURIER ANALYSIS BY HUGH L. MONTGOMERY

Current as of March 16, 2015

page, line	Correction
3, -5	Replace ' <i>sequenceif</i> ' by ' <i>sequence if</i> '.
24, -11	Delete 'and only if'.
45, 2	Replace ' $e((m^2 - n^2)/p)$ ' by ' $e(k(m^2 - n^2)/p)$ '.
46, 10	Replace 'an arithmetic function' by 'an even arithmetic function'.
46, 11	Replace ' $\widehat{f}(-n)/q$ ' by ' $\widehat{f}(n)/\sqrt{q}$ '.
46, 11	Replace ' $\widehat{g}(k) = g(k)$ ' by ' $\widehat{g}(k) = \sqrt{q}g(k)$ for all k '.
47, 7	Replace ' $(p * q)(n)$ ' by ' $(p * r)(n)$ '.
57, 10	Replace ' $e(-nm/m)$ ' by ' $e(-nx/m)$ '.
57, 10	Replace ' $e(-n(k + x)/m)$ ' by ' $e(-n(k - 1 + x)/m)$ '.
57, 10	Append ' dx ' at the right end of the line.
62, 2	Replace '4' by '2'.
74	Replace Exercise 1 by the following: Suppose that f and g are members of $L^1(\mathbb{T})$, and that c is a constant. Show that $(cf) * g = f * (cg) = c(f * g)$.
81, 6	Replace ' $x_K < x < x_1$ ' by ' $x_K < x < x_1 + 1$ '.
81, 18	Replace 'for all x ' by 'for all k '.
81, -1	Replace '4' by '2'.
84, -9	Between '=' and ' $\cos 2\pi Nx$ ' insert '1+'.
221, -13	Replace 'IF' by 'If'.