**Corrections to First Edition of *Interferometry and Synthesis in Radio Astronomy*, Printing by Wiley, 1986.** (Dec. 10, 2007)

p. xi, line 18, change initials "P. J." to "P. A."
p. 22, 5 lines up from end of first paragraph, "compiled" is misspelled, i.e. should be "...was rapidly compiled...".
p. 29, last line of second paragraph, "Bure" is misspelled.
p. 32, line 12 of text, insert "of". ("The great potential of...").
p. 34, "Braccesi" is misspelled.
p. 35, line 6, change 0"0002 to 0".0002, i.e. add decimal point.
p. 51, first line below equation (2.18), end of line, $R(\xi)$ should be $R(\xi')$.
p. 77, line 2, there should be a circumflex (^) on $V$ when it is a function of $\nu$, but not when it is function of $t$.
p. 96, 2 lines above Eq. (4.30), change $H_X$ to $I_X$.
p. 105, expressions numbered (4.49), bottom line (i.e. for sense of rotation $L,R$), delete the minus sign in the exponent.
p. 149, 6 lines up from bottom of page, change 100 kHz to 10 kHz.
p. 162, Eq. (6.46), insert square brackets around the whole expression to the right of the summation symbol.
p. 164, second paragraph, line 8, in the expression change the exponent of $n_\ell$ to –2.
p. 168, Add the following sentence to footnote "a" of Table 6.1: "For double sideband systems the double sideband value of $T_S$ is taken to be equal to $T_S$ for single sideband systems."
p 193, line 15 is missing. The sentence involved should read: "They are especially suitable for long transmission lines because the noise bandwidth of the loop is correspondingly small."
p. 202, 6 lines below Equation (7.32), there is a missing $\Delta$. The sentence beginning on this line should read: "A value of $\Delta\chi = 3.6^o$ corresponds...".
p. 215, 6 lines below Eq. (8.13), change to "is of order $1/\sqrt{(\Delta\nu\tau)}$,"
p. 235, section 8.7, line 9, change "1/4" to "1/3" and "-1/4" to "-1/3".
p. 287, line 9, change (see Fig. 9.14) to (see Fig. 9.16).
p. 288, 9 lines up from bottom of page, change (see Fig. 9.14) to (see Fig. 9.16).
p. 289, 2 lines below Eq. (9.123), change "Fig. 9.13" to "Fig. 9.14".
p. 295, line 2, change "number of samples" to "number of bits per sample".
p. 309, four lines above equation (9.148), change "so that its power is" to "so that its voltage is".
p. 309, 3 lines above Equation (9.148), the expression $T_{Ai}/T_{Si}$ should have a square root sign in the numerator, i.e. $(\sqrt{T_{Ai}})/T_{Si}$.
p. 309, ten lines up from the bottom of the page, delete the sentence that begins "If the signal from...", and also delete the two following sentences (i.e. delete to the end of the paragraph). Replace with the following: "In a correctly phased array the signals from a source combine coherently (the voltages add): in a randomly phased array they combine incoherently (the powers add), just as the noise components do. A randomly phased array is, on average, no more sensitive than a single antenna

because the ratio of the signal to noise is not increased. Also poor phasing makes calibration difficult."
p.310, Bibliography, Fanti et al., Setti is misspelled.
p. 346, line 1 of caption to Fig. 11.1, change "3C10" to "3C310".
p. 370, 2 lines above Equation (12.2), change "$h$ = B/2" to "$h$ = -B/2". In Eq. (12.2), insert minus sign in front of first term on right-hand side.
p. 389, Eq. (A12.4), change "$\Phi_1$" to "$\Phi_i$" in the denominator of first term on the right-hand side.
p. 425, Eq. (13.69), delete the factor of 2 immediately preceding the summation sign.
p. 433, 5 lines below equation (13.100), change "proportional to $8^{1/5}$ " to "proportional to $8^{-1/5}$ ".
p. 440, Table 13.3, fourth row (Phase Change), right-hand column, change $\nu^{-2}$ to $\nu^{-1}$.
p. 456, Figure 13.7, lower-case italic "z" should be same style used in text.
p. 465, line 13, change "*Astrophys. J.*, 228" to "*Astrophys. J.*, 288".
p. 488, delete $R_m^2$ in the right hand side of Eq. (15.13).
p. 493, Table 15.1, change "Wavelength (nm)" to "Wavelength (μm)".
p. 499, Equation (15.34), the exponent should be $2B[u(\xi_i - \xi_k) + v(\eta_i - \eta_k)]$, i.e., the sign immediately preceding "v" should be "+".
p. 502, lines 11 and 12, Swenson et al., should be *Proc.S.P.I.E.*, 643, 129-140, 1986.