

**Interferometry and Synthesis in Radio Astronomy, Thompson, Moran, and Swenson.
Corrections to the second edition, Wiley second printing (2002)
and Wiley-VCH (2004).**

- p. 108, Eq. (4.43), in the right-hand equation, a negative sign has been omitted from the exponent, i.e., the equation should be: $D_\ell = \exp(-j2\psi_\ell)\tan\Delta\chi_\ell$. Also, in the right-hand equation, subscripts "t" should be "l".
- p. 111, Eq. (4.55), delete angle brackets, $\langle \rangle$, and the terms within them.
- p. 184, Eq. (6.35), $\rho_f(t)$ should be $\rho_f(\tau)$.
- p. 188, Eq. (6.50), $\sqrt{\Delta\nu_{IF}} \tau_a$ should be in the denominator.
- p. 210, Reference, Goldstein, S. J., change *Astron.* to *Astrophys.*
- p. 230, last bullet, second line, should be $7 \times 10^{-6} \text{ K}^{-1}$.
- p. 233, subsection Effects of Phase Errors, third line, replace "of" by "is". Eq. (7.33), replace subscripts 1 and 2 by m and n. Eq. (7.34), replace "proportional" sign by "approximately equal".
- p. 243, seventh line below figure caption, orthogonal is misspelled.
- p. 249, third line of Eq. (A7.1), change $(t+\Delta t)$ to $(t-\Delta t)$: fourth line of Eq. (A7.1), change $(t-\Delta t)$ to $(t+\Delta t)$.
- p. 250, two lines above Eq. (A7.2), change "RF" to "optical frequency". Line above Eq. (A7.3), v_m missing from expression at beginning of the line.
- p. 252, First reference to Payne, 993-1071 should be 993-1017.
- p. 263, end of line below Eq. 8.30, ρ^2 should be ρ_2^2 , (i.e. subscript 2 missing).
- p. 259, Eq. (8.14), missing square root sign in the denominator: should be $\sqrt{1+\rho^2}$.
- p. 273, Eq. (8.60), second exponent $(m-1)$ should be $(m+1)$.
- p. 317, Eq. (9.37), delete f within the second set of brackets.
- p. 417, two lines above Eq. (A10.7), should be $\theta = 0$ or 180° . On the right-hand side of Eq. (A10.7), under the square-root sign, change $-$ to $+$ in the numerator, and $+$ to $-$ in the denominator. The treatment is then consistent with positive velocity for recession and $\theta < 90^\circ$ for a receding source.
- p. 538, lines 6, 7, and 9 below Eq. (13.110), change approximately equal sign to proportional sign, once in each line.
- p. 651, reference Cash et al., change 147 (volume number) to 407.
- p. 668, under Carlson, B. R., change 297 to 298.
- p. 680, under Delta function, Shah function, change 392-293 to 392-393.
- p. 681, Filters, spectral-line, change 220-297 to 290-297.

A. R. T., J. M. M., G. W. S. April 8, 2011