

Errata

Radar for Meteorological and Atmospheric Observations

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S. Fukao and K. Hamazu, Radar for Meteorological and Atmospheric Observations,
DOI 10.1007/978-4-431-54334-3, © Springer Japan 2014

DOI 10.1007/978-4-431-54334-3

FM

Front matter, page xxvi, line 3, EIK should read EIA.

Chapter 3

Radar Measurements and Scatterer Parameters

Page 49, Line 1, "... can be calculated from (3.38)" should read "... can be calculated from (3.40)".

Page 50, Line 1, "... when multiplied by the incident power, gives the total power taken from the incident wave (Battan 1973, p. 67)" should be read "... when multiplied by the incident power, the total power taken from the incident wave (Battan 1973, p. 67)".

Page 65, Footnote 19, "... in Sect. 7.3.2" should read "... in Sect. 7.3.3".

Chapter 5

Reception and Processing of Signals

Page 108, Equation 5.10, “ $\Delta P_{no} = 7gkT_e B_n$ ” should read “ $\Delta P_{no} = gkT_e B_n$ ”.

Page 163, Line 19, “If samples are independent, $\text{var}([\hat{v}_t])$ is expressed ...” should read “If samples are independent, $\text{var}[\hat{v}_t]$ is expressed...”.

Chapter 6

Radar Observations of Precipitation

Page 188, Equation 6.69, “ $A_{\text{prp}} = a_0 R_0^b$ ” should read “ $A_{\text{prp}} = a_0 R^{b_0}$ ”.

Page 217, Line 17, “... can be expressed as $a_0 R_0^b = \dots$ ” should read “... can be expressed as $a_0 R^{b_0} = \dots$ ”.

Chapter 8

Overview of Radar

Page 279, Line 11, Equation number 8.8 “ $g_D \simeq \frac{4100}{\vartheta_B \phi_B}$ ” should read “ $g_D \simeq \frac{41000}{\vartheta_B \phi_B}$ ”.

Page 296, Line 12, “Figure 8.18a shows the received noise power of Cassiopeia measured with ...” should read “Figure 8.18a shows the received noise power of Cassiopeia A measured with ...”.

Page 333, Line 10, “Appendix B” should read “Appendix C”.

Page 337, Line 17, “(8.61), where ...” should read “(8.64), where ...”.