

# ERRATA

## RADIOLOGICAL ASSESSMENT

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Location	As Is	Change to
p. 53, Table 2.1, line 9, col. 1	5.0	15.0
p. 53, Eq. (2.48), denominator	$Y(T)$	$T$
p. 55, 4 lines above Eq. (2.49)	$\leq 150$	$\geq 150$
p. 81, Table 2.7, headings over cols. 2, 4 & 6	(cGy cm)	(cGy cm <sup>2</sup> )
p. 120, Eq. (3.26)	$RBE = \frac{\zeta_H D + D^2}{\zeta_L D + D^2}$	$RBE = \frac{\zeta_H + D_H}{\zeta_L + RBE D_H}$
p. 120, 1 line below Eq. (3.26)	$D \gg \zeta_H$	$D_H \gg \zeta_H$
p. 120, 2 lines below Eq. (3.26)	$D \ll \zeta_L$	$D_H \ll \zeta_L$
p. 176, 3 lines from bottom	k... Reference Man is 2 percent.	...Reference Man is 0.2 percent.
p. 172, Fig. 4.5 caption, 2nd line		delete second "solid contours"
p. 193, 2nd para, Sec. 4.6.6	<i>activity mean diameter</i> (AMD)	<i>activity median aerodynamic diameter</i> (AMAD)
p. 201, Problem 6	<sup>220</sup> Rn	<sup>222</sup> Rn
p. 203, Problem 15	<sup>220</sup> Rn	<sup>222</sup> Rn
p. 230, last text line	Eq. (5.5)	Eq. (5.6)
p. 254, Problem 4	0.5 pCi/kg	500 pCi/kg
p. 273, Eq. (6.26)	$e^{b \text{sec} x}$	$e^{-b \text{sec} x}$
p. 273, 2 lines below Eq. (6.26)	$\bar{F}(\theta, b) = \theta e^{-b} F(\theta, b)$	$F(\theta, b) = \theta e^{-b} \bar{F}(\theta, b)$
p. 274, Table 6.6, line 14	0.0	9.0
p. 276, 1 line above Eq. (6.33)	Eq. (6.30)	Eq. (6.33)
p. 277, Eq. (6.37)	$\text{sec} \theta$	$\text{sec} \theta_o$
p. 306, Fig. 6.27	$\psi$	$\varphi$
p. 306, Eqs. (6.101) and (6.105)	$\cos \theta / \cos \theta_o$	$\cos \theta_o / \cos \theta$
p. 307, Eq. (6.105)	$FC_e \sigma_{ce} \times 10^{26} + C'$	$F[C_e \sigma_{ce} \times 10^{26} + C']$
p. 307, Eq. (6.106)	$\text{vers}^3 \theta$	$\text{vers}^2 \theta$
p. 319, Problem 3, first sentence		insert "of 1-MeV photons"
p. 327, Eq. (7.4), last term	$2\epsilon(\epsilon + 1)$	$2\epsilon + 1$
p. 347, lines 8 & 9 from end	... in B is $\xi^2$ times ... point in A	... in A is $\xi$ times ... point in B
p. 388, Eq. (8.17)	$\lambda_{rj} A_s^{j-1}$	$\lambda_{r,j-1} A_s^{j-1}$
p. 462, Table 9.5, heading over cols. 2-4	$\alpha_y(x)$	$\sigma_y(x)$
p. 468, line above Sec. 9.8	Sec. 9.5	SDec. 9.6
p. 502, Eq. (10.65)	$(\lambda_2 - \omega_2)$	$(\lambda_2 + \omega_2)$

<b>Location</b>	<b>As Is</b>	<b>Change to</b>
p. 522, Problem 12, line 4	0.02 m <sup>2</sup> s <sup>-1</sup>	0.02 m y <sup>-1</sup>
p. 522, Problem 14, line 6	0.05 m <sup>2</sup> s <sup>-1</sup>	0.05 m y <sup>-1</sup>
p. 553, Table A.3, first line	10 <sup>18</sup> exa G	10 <sup>18</sup> exa E
p. 580, Entry for <sup>59</sup> Fe	496 d	44.496 d
p. 679, col. 1, 3 lines from bottom	<i>see also</i> Nuclear power	<i>see also</i> Nuclear power