Errata:
Solid State Electronic Devices, Sixth Edition

Page Number/Location	Detail of Correction	Specific Correction
p. 9/Eq. (1-2b)	Right-hand side should have curly brackets	$\cos\theta = \{h_1h_2 + k_1k_2 + l_1l_2\}/\{(h_1^2 + k_1^2 + l_1^2)^{1/2}(h_2^2 + k_2^2 + l_2^2)\}^{1/2}$
p. 11/ Example 1-3	Solution text edit	For Si, we have 8 corner lattice points, 6 face centered points, and 2 atoms in the basis
p. 27/ Problem 1.18	Text edit	A Si crystal is to be pulled…
p. 34/ Text	In-line text equation above Eq. (2-2b)	$p = mv$
p. 34/ Eq. (2-2b)	Right-hand side, last nu should be italic ve	$\lambda = h/p = h/mv$
p. 38/Eqs. (2-9), (2-10)	Long dash should be reduced Planck's constant (h bar)	
p. 39/ Eq. (2-17)	Long dash should be reduced Planck's constant (h bar)	
p. 107/ Eq. (3-50)	Lowercase omega should be italic "w"	
p. 108/ Eq. (3-51)	Lowercase omega should be italic "w"	
p. 111/Problem 3.7	In-line text equation: superscripts/subscripts should be switched	n_i^2
p. 152/Question 3	Display art should be edited	Delete arrow at top of figure
p. 300/Example 6-2	Solution text	For $V_G = 5$ V and $V_D = 0.1$ V…
p. 327/Problem 6.11	Problem text	Calculate the V_T of a Si-p-channel
p. 350/Figure 7-7(b)	Variable on left-hand curve should be edited	$n_p + \delta n$
p. 355/Example 7-3	Solution text, second display equation	D_n^n should be D_n^p
p. 390/Text	First paragraph should be edited	It is possible to smooth out such discontinuities in the bands by grading the composition of the alloy between the two materials (Fig. 7-27).
p. 410/Figure 8-10	Upper right-hand corner, graph line for variable AlInGaN	Line should be blue

p. 485/Figure 9-29	Overbar at bottom of figure	Reading from left to right, remove overbar from bitline for the first and third occurrence
p. 496/Text	First paragraph should be edited	Third line should read: We will then interpret the selected cell as being in state "0". Sixth line should read: "… be interpreted as state "1".
p. 532/Problem 10.4, display Eq.	dE	"E" should be script "E"
p. 558/Answer for Chapter 1, Question 4	Text edit	4. 0-D: impurities; 1-D: dislocations…
p. 560/Answer for Chapter 6, Questions 1, 2, & 3	Order change	1) The answers labeled for Question 1 are for Question 3 2) The answers labeled for Question 2 are for Question 1 3) The answers labeled for Question 3 are for Question 2