FOUNDATIONS OF COMPUTER SCIENCE

Errata

Chapter 3

Page	Location	Correction		
49	Two's Complement	Change 0110 to 0111 & change 0111 to 1000		
	Representation, line 6			
54	Storing reals, line 2	Change 27 to 23		
55	Example 3.18	Change 7,452 to 7,425		
60	Example 3.23 solution	In line c, change (1.1011) ₂ to (1.0111) ₂		
		In line d, change M=1011 to M=0111		
		In line e, $M = 011100000000000000000000000000000000$		
		The number is stored in the computer as		
		010000001 <mark>0111</mark> 0000000000000000000		
62	Truncation errors, line	Change 27 to 26		
	7			
63	Line 1	Change nine to ten		
67	True-Color, line 4	Change 256 to 255		

Chapter 4

Page	Location	Correction	
92	Example 4.23, solution	Change $S_B = \overline{S}_B$ to $B_S = \overline{B}_S$	
93	Figure 4.8, line 6	Change 1.00010 to 1.000111	

Chapter 5

Page	Location	Correction		
102	Line 4	Change Figure 5.2 to Figure 5.1		
111	Format, line c	Change 96 to 98		
133	Cycle 1, line 3	Change (1040) to (40) ₁₆		
137	Read Operation	Change M _{EF} to M _{FE}		
		Change EF ₁₆ to FE ₁₆		

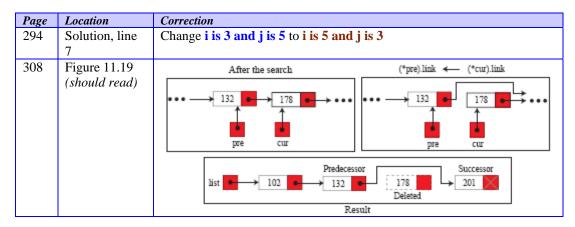
Chapter 8

Page	Location	Correction
220	Example 8.2, solution,	Change Algorithm 8.3 to Algorithm 8.2
	line 4	

Chapter 10

Page	Location	Correction	
272	Figure 10.1	Change absolete to obsolete	

Chapter 11



Chapter 12

Page	Location	Correction
325	Line 2	Change figure 12.3 to figure 12.9

Chapter 14

Page	Location	Correction		
379	Union, line 7	Change on the lower left to on the upper right		
381	Figure 14.15	Change result of operation from		
		Student-ID	F-Name	L-Name
		145-67-6754	John	Brown
		232-56-5690	George	Yellow
		to		
		Student-ID	F-Name	L-Name
		345-89-6580	Anne	Green
		459-98-6989	Ted	Purple
382	Figure 14.16	Change STUDENT P-ID to S-ID Change PROFESSOR S-ID to P-ID		

Chapter 16

Page	Location	Correction
418	Paragraph 5, line 3	Change m to n

Chapter A Unicode

Page	Location	Correction
500	A.1 Planes, line 4	Change 65,536 to 65,535
501	Table A.1	Change All instances of (##)16 to (##) ₁₆