Errors reported by: Matt Breden, Jennifer Chester, Luke Everett, Rik Farrow, Greg Gagne, Don Heller, Pete Galvin, Zach Kissel, Alvin Mao, Amir Mehmood, Mohammad Javad Naderi, Ojas Mehta, Pierre Poulin, Alireza Rouhi, Michael Shaw, Filipe Valeriano, Sitaram Yaji,
Errata - page 2

Page 131, lines 2, 7: O_RDRW → O_RDWR
Page 131, line 17: Figure 3.17 and 3.18 → Figures 3.17 and 3.18
Page 132, Figure 3.17, line 2: <stdlib.h> → <stdlib.h>
Page 132, Figure 3.17, line 10: SIZE 4096 → SIZE = 4096
Page 132, Figure 3.17, line 20: O_RDRW → O_RDWR
Page 133, Figure 3.18, line 2: <stdlib.h> → <stdlib.h>
Page 133, Figure 3.18, line 10: SIZE 4096 → SIZE = 4096
Page 143, Figure 3.24: fd(0) → fd[0]
Page 143, Figure 3.24: fd(1) → fd[1]
Page 144, Figure 3.26, line -5: close the write end of the pipe → close the read end of the pipe
Page 152, line 9: which which → which
Page 154, line -2: Chpater → Chapters
Page 178, Figure 4.12 caption: integer → integers
Page 181, line 30: are there are → as there are
Page 188, line 6: run at at → run at
Page 194, Fig 4.16: Remove line 3 (#include types.h)
Page 199, line 14: shared cross → shared across
Page 201, line 31: *value == exeected → *value == expected
Page 212, line -1: false;; → flase;
Page 253, line -6: pthread_cond_wait(&mutex, &cond_var) → pthread_cond_wait(&cond_var, &mutex)
Page 257, line 24: Semaphore → Sem
Page 258, line -11: Odersky et al. () → Odersky et al. (2006)
Page 288, lines 17, 18: consequently, P2 misses the deadline .. → consequently, P2 finishes its burst at time 85, after the deadline for completion of its CPU burst at time 80.
Page 295, line 10: classes → class
Page 296, line 11: thread’s the base → thread’s base
Page 345, line 33: remove “(the request has been granted)”
Page 359, line 16: swap time is 200 → swap time is 2000
Errata - page 3

Page 362, line 9:  MFT) but  ➔  MFT) but

Page 365, line 23:  user-defined  ➔  programmer-defined

Page 366, line -6:  1,000  ➔  1000

Page 370, line -14:  amount data  ➔  amount of data

Page 371, line 34:  4 TB  ➔  4 GB

Page 375, line -14:  to invalid  ➔  to invalid

Page 387, line 6:  Intel Mac OS X  ➔  Mac OS X

Page 393, line 4, add a new line:  a. A conventional single-level page table

Page 393, line 5, add a new line:  b. An inverted page table

Page 433, line 12:  consumer  ➔  producer

Page 439, line 24:  less than 1,024 bytes  ➔  less than the size of a page

Page 545, line 20:  Chapters  ➔  Chapters

Page 553, line -8:  disk address and length (in block units) of the first block  ➔  disk address of the first block and length (in block units) of the file

Page 562, line 11:  requires 256  ➔  requires 32

Page 603, line 31:  vectored I/O  ➔  Vectored I/O

Page 603, line 32:  IO operations  ➔  IO operations

Page 603, line 32:  UNIX readv  ➔  UNIX readv

Page 604, line 11:  IO involving  ➔  IO involving

Page 634, line 15:  is a of  ➔  is a transfer of

Page 713, line 7:  RedHat  ➔  Red Hat

Page 713, line -6:  VM370  ➔  VM/370


Page 720, line -9:  For example, AMD  ➔  For example, AMD

Page 725, line 5:  RedHat  ➔  Red Hat

Page 735, line -7:  x86  ➔  x86

Page 789, line -6:  A conflict-resolution  ➔  A conflict-resolution
Open-source operating systems, virtual machines, and clustered computing are among the leading fields of operating systems and networking that are rapidly changing. He is a coauthor of the textbook Database System Concepts. He has also written Op-Ed articles for the New York Times, the Boston Globe, and the Hartford Courant, among others. Peter Baer Galvin is the chief technologist for Corporate Technologies (www.cp tech.com), a computer facility reseller and integrator.