Chapter 4 Confusions

Please see my answers below in *italics*

Generals:
Many times units are missing
Closed loop is shown in the graph as CL and sometimes as CI

SA: Time units have been added. CI has been corrected to CL everywhere. There are errors in the book where it is referred to as CI. (see errata).

Particulars:
Slide 30:
Speed 200/150/100 (same as book); units missing

SA: Added units

Slide 31:
Speed 200/100/50 (not in the book and not in 30)

SA: Fixed to 200/150/100

Slide has f and book p in the algorithm

SA: All slides now use p

Slide 32:
Platform in 32 and Fig 4.21 not the same (missing DMA)

SA: DMA needs to be added to make a fully connected platform for LPT (see explanation on slide 35 in the new ppt (v3))

What is the meaning and units for edges (300/200/100) in graph
Delay or communication speed (kB/sec???)

SA: Transaction speed in kbps (see explanation on slide 35 in the new ppt (v3))

Slide 33:
200/150/100 again, and edges 1/2/4 (different from 32)

SA: 200/150/100 is correct (see above). Edge weights should not exist. This is an errata in book (see errata document).

Fig 4.23 not the same (p or f; Cost or C)
SA: Fixed to "p" and "C". Cost function is C(p, PE)

Slide 38
Table 4.1 and 38 have *3 and *6 in capacity

SA: Slides are correct. Book uses 6 in the text (correct), but the table in book has 3! I recall fixing this while making the final version of the chapter. Very odd! (see errata).

Slide 39:
Fig 4.26 and slide 39 have 1/2/4 and 1/2/1
Algorithm flowcharts different between 4.25 and 39
See f and p, slack and cost and general flow
HW0 or HW? Text says HW0 and slides say HW.
There is no CPU0 and CPU1 in Fig.4.26

SA: All of these issues have been fixed in the slides.

Probably more. I did not check.

SA: Most of the problems were in the algorithms parts (Slides 29-41) because I was tinkering with it till the last moment. I have redone this part and checked thoroughly and made the slides consistent with the book, except in cases where the error was in the book.

Chapter 4 Errata in Book

1. Figures 4.18 and 4.26, and pages 150-151
   "CI" should be replaced with "CL" (Closed Loop)

2. Pages 141-142
   "Mops" or "MOps" in the equations should be replaced with "#ops"

3. Figure 4.23
   "#Ops" should be replaced with "#ops" (all lower case)

4. Table 4.1
   "* 3 sec" should be replaced with "* 6 sec"

5. Pages 148 - 151
   "MOps" in equations should be replaced with "#ops"
   "MOps" in text should be replaced with "M operations"

6. Figure 4.26 (b)
   There should be no edge weights in the platform graph