1 Comments on the presentation

1.1 Definition 7.2.1

This is a repetition. I found the same text in **Definition 1.8.2**. In a way, it is good to have this on every chapter to make them self contained. However, I think we should use the word **recall** when we are repeating content. Same concern goes for **Figure 7.1**.

1.2 7.3 Partition Problems and Scheduling

"we'll introduce PARTITION (This is sometimes also called PARTITION)" is a little confusing. The reader might be wondering if this is a typo or not.

1.3 Exercise 7.3.9

If I am not mistake, we never formally defined what "Cook-Levin theorem" is in the introductory chapter. We talked about their results in an informal way.

1.4 Three Dimensional Matching (3DM) INSTANCE (Page 185)

It might be in the best interests of the book to not get into political/touchy subjects like the number of sexes.

1.5 Theorem 7.4.1

- The proof line is not justified properly. The text goes to the margin. This might be an issue if the book goes into print.

- "2nd, 3rd" should be "$2^{nd}, 3^{rd}$"

1.6 Page 188

"Packing Squares into a Rectangle SQ-RECT PACKING" should be **bold** as per the convention in the book.

1.7 SIGNED EDGE MATCHING PUZZLE (SEMP)

- The question should end with a question mark (?).

- Here, we have used a, A in a particular font. On the next paragraph, we abuse the notation by writing it as a&A in a different font. I think it is good to keep these consistent.
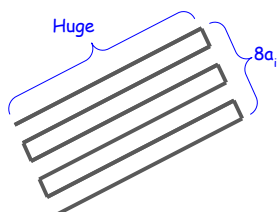
Figure 1: Figure 7.21 for the book

1.8   General comment about punctuation

This chapter has multiple occurances of the following usage of full stops within brackets.

- Sentence (not a full sentence.)

This is wrong. The correct one should be either of the following.

- Full sentence. (full sentence.)

- Full sentence (not a full sentence).

1.9   Figure 7.21

The figure is hand drawn. Figure 1 can be used instead.

1.10   Figures 7.22-7.23

These figures are also hand drawn.

1.11   Theorem 7.7.5

Explaining what congruent is in brackets may be better.