



- page 6, line 9: delete one of the two consecutive  $\succeq 0$ .
- page 6, line 13:  $\dots$ , we get an  $i_{m-1} \times i_{m-1}$   $\dots$
- Why do you use Card instead of the usual  $|\cdot|$ ? Maybe introduce it in the initial notation paragraph.
- page 7, line 7:  $\dots$  if there exists a matrix  $\dots$
- page 7, proof of L3.1: Why don't you introduce  $\Delta$  already in the proof of Prop 3.1 and formulate the Lemma simply as a corollary? In the current form one has to go over the same proof once again to see whether anything changed.
- page 8, line 6:  $i = 1, 2, \dots, i_k$
- page 8, (13): The definition of  $\Delta$  is one of these very dense formulae I alluded to in the text above. It has an unfamiliar appearance to me. Here and later I always needed some time to pick apart the various objects and definitions that are compiled here.
- page 9, line 4: the notation  $\delta_j^i$  should be explained in the initial notation paragraph.
- page 9, line -4 (the big matrix): Please write zeros into the empty boxes (at first I thought, they should be continued in the same way).
- page 10, Proof of Prop 3.4: For me it would be easier to continue after the first sentence with: Because  $\inf_{X \succeq 0} \text{Tr}(XA) \geq 0 \Leftrightarrow A \succeq 0$ , this latter requirement is equivalent to  $[Z_{ij}]_{i,j \in J_k} \succeq 0$  for  $k = 1, \dots, m$ .
- page 12, (17): please remind the reader, that  $\mathcal{K}$  is defined in (3).
- page 12, line 10: Even if the correct interpretation is pretty obvious, please define  $\varepsilon$ -solution (there are so many notions of  $\varepsilon$ -solutions around  $\dots$ ).
- page 13, line -10: The  $k$ -th diagonal  $\dots$
- page 13, line -7: The  $k$ -th diagonal  $\dots$
- page 13, line -1: Note, I have not checked this since I didn't have [6] at hand (but I have no doubts that it is correct).
- page 14, line -11: Let  $v = (v_1, v_2, \dots$
- page 14, line -7: This sentence is hard to digest and does not quite sound like proper English.
- page 14, (30): as above, I did not check this.
- page 14, (31): This is a bit too easy, since this only refers to the work observed in practice, but it needs a comment that in strict theoretical terms the situation is somewhat more complicated.
- page 17, line 4: Then an  $\varepsilon$ -solution  $\dots$
- page 19, line 5: An opening [ is missing.