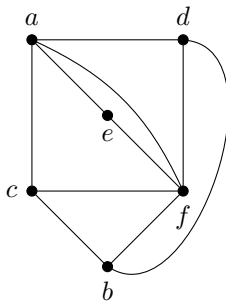


Exercises 6

软件工程一班 张逸松 57 号

November 25, 2019

7.4



7.5

It is nonplanar.

7.10

- a) It becomes to a K_4 , is planar.
- b) It becomes to a K_5 , is nonplanar.
- c) It becomes to a $K_{2,3}$, is planar.
- d) It becomes to a $K_{2,4}$, is planar.

7.13

It contains a subgraph homeomorphic to K_5 , so it is nonplanar.