





Assignments 17.1

一、阅读 (Reading)

1. 阅读教材.
2. 课外阅读:

-  STUDENT TIME TABLE BY USING GRAPH COLORING ALGORITHM.pdf
-  An Improved Approach for Examination Time Tabling Problem Using Graph Coloring.pdf
-  Coloring (from MIT).pdf
-  Planar Graph (from MIT).pdf

二、问题解答 (Problems)

1. 教材第 11 章习题: 题 22、23、27.
2. Find the chromatic number of the map of the countries of S.America illustrated in Figure 1 below. Please construct the dual graph of the map and then show a proper coloring of the graph.



Figure 1