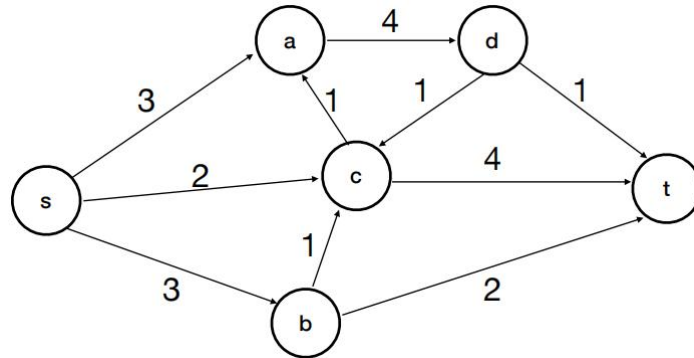


Report For Exercise Max Flow Problem

09019204

曹邹颖

1. Problem description / demand analysis 问题描述



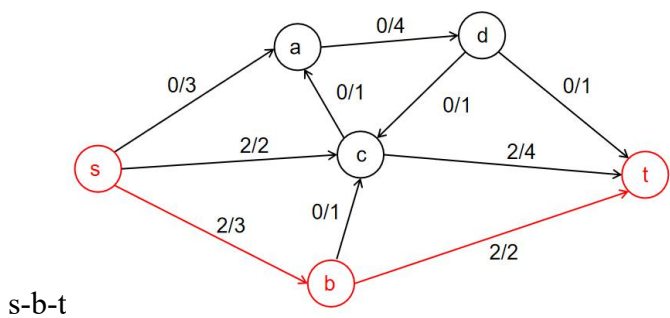
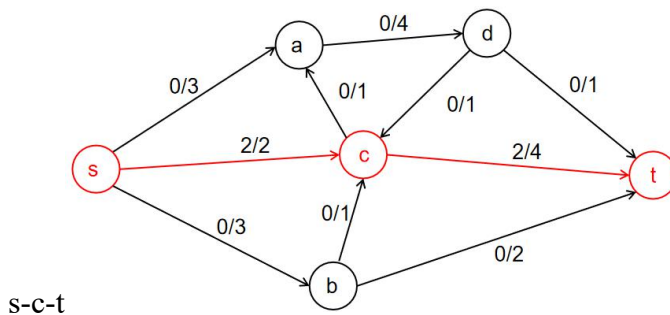
- 1) Give the order of the augmenting paths you are considering
- 2) Apply Edmonds-Karp algorithm and give the graph (current flow) at each step

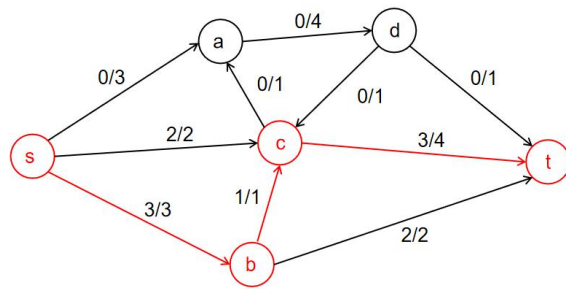
2. Results and analysis 结果和分析

- 1) 解: The order of the augmenting paths I am considering:

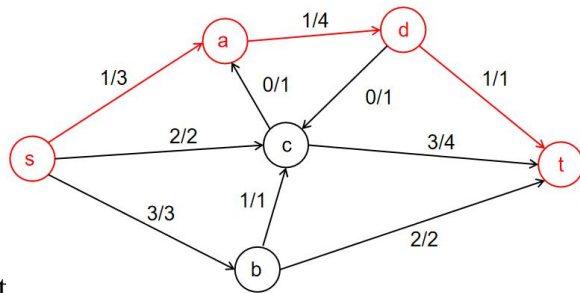
s-c-t
s-b-t
s-b-c-t
s-a-d-t
s-a-d-c-t

- 2) 解:

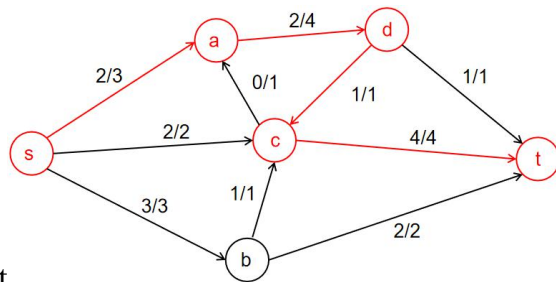




s-b-c-t



s-a-d-t



s-a-d-c-t

从而得到最大流结果：

