

分类: 题单 (5) ACM (115) 网络流 (7)

- 最大流
- POJ 1273 Drainage Ditches
- POJ 1274 The Perfect Stall (二分图匹配)
- POJ 1698 Alice's Chance
- POJ 1459 Power Network
- POJ 2112 Optimal Milking (二分)
- POJ 2455 Secret Milking Machine (二分)
- POJ 3189 Steady Cow Assignment (枚举)
- POJ 1637 Sightseeing tour (混合图欧拉回路)
- POJ 3498 March of the Penguins (枚举汇点)
- POJ 1087 A Plug for UNIX
- POJ 1149 Pigs (构图题)
- ZOJ 2760 How Many Shortest Path (边不相交最短路的条数)
- POJ 2391 Ombrophobic Bovines (必须拆点, 否则有BUG)
- WHU 1124 Football Coach (构图题)
- SGU 326 Perspective (构图题, 类似于 WHU 1124)
- UVa 563 Crimewave
- UVa 820 Internet Bandwidth
- POJ 3281 Dining (构图题)
- POJ 3436 ACM Computer Factory
- POJ 2289 Jamie's Contact Groups (二分)
- SGU 438 The Glorious Karlutka River =) (按时间拆点)
- SGU 242 Student's Morning (输出一组解)
- SGU 185 Two shortest (Dijkstra 预处理, 两次增广, 必须用邻接阵实现, 否则 MLE)
- HOJ 2816 Power Line
- POJ 2699 The Maximum Number of Strong Kings (枚举+构图)
- ZOJ 2332 Gems
- JOJ 2453 Candy (构图题)
- SOJ3312 Stockholm Knights
- SOJ3353 Total Flow
- SOJ2414 Leapin' Lizards
- 最小割
- SOJ3106 Dual Core CPU
- SOJ3109 Space flight
- SOJ3107 Select
- SOJ3185 Black and white
- SOJ3254 Rain and Fgj
- SOJ3134 windy和水星 -- 水星交通
- HOJ 2634 How to earn more
- ZOJ 2071 Technology Trader (找割边)
- HNU 10940 Coconuts
- ZOJ 2532 Internship (找关键割边)
- POJ 1815 Friendship (字典序最小的点割集)
- POJ 3204 Ikki's Story I - Road Reconstruction (找关键割边)
- POJ 3308 Paratroopers
- POJ 3084 Panic Room
- POJ 3469 Dual Core CPU
- ZOJ 2587 Unique Attack (最小割的唯一性判定)
- POJ 2125 Destroying The Graph (找割边)
- ZOJ 2539 Energy Minimization
- TJU 2944 Mussy Paper (最大权闭合子图)
- POJ 1966 Cable TV Network (无向图点连通度)
- HDU 1565 方格取数(1) (最大点权独立集)
- HDU 1569 方格取数(2) (最大点权独立集)
- POJ 2987 Firing (最大权闭合子图)
- SPOJ 839 Optimal Marks (将异或操作转化为对每一位求最小割)
- HOJ 2811 Earthquake Damage (最小点割集)
- 2008 Beijing Regional Contest Problem A Destroying the bus stations (BFS 预处理)(<http://acmicpc-live-archive.uva.es/nuevoportal/data/problem.php?p=4322>)
- ZOJ 2676 Network Wars (参数搜索)
- POJ 3155 Hard Life (参数搜索)
- ZOJ 3241 Being a Hero
- 有上下界
- ZOJ 2314 Reactor Cooling (无源汇可行流)
- POJ 2396 Budget (有源汇可行流)
- SGU 176 Flow Construction (有源汇最小流)
- ZOJ 3229 Shoot the Bullet (有源汇最大流)

HDU 3157 Crazy Circuits (有源汇最小流)

最小费用流

HOJ 2715 Matrix3

HOJ 2739 The Chinese Postman Problem

POJ 2175 Evacuation Plan (消一次负圈)

POJ 3422 Kaka's Matrix Travels (与 Matrix3 类似)

POJ 2516 Minimum Cost (按物品种类多次建图)

POJ 2195 Going Home

BUAA 1032 Destroying a Painting

POJ 2400 Supervisor, Supervisee (输出所有最小权匹配)

POJ 3680 Intervals

HOJ 2543 Stone IV

POJ 2135 Farm Tour

BASHU2445 餐巾问题

-----onmylove原创

最大流题目:

TC:

[Single Round Match 200 Round 1 - Division I, Level Three](#)

[Single Round Match 236 Round 1 - Division I, Level Three](#)

[Single Round Match 399 Round 1 - Division I, Level Three](#)

同Hoj1024: <http://acm.hust.edu.cn/thx/problem.php?id=1024>

[2003 TCO Semifinal Round 4 - Division I, Level Three](#)

[2004 TCCC Championship Round - Division I, Level Three](#)

[2005 TCO Sponsor Track Round 3 - Division I, Level One](#)

混合图的欧拉回路

Poj1637: <http://acm.pku.edu.cn/JudgeOnline/problem?id=1637>

zju1992: http://acm.zju.edu.cn/show_problem.php?pid=1992

求增广边:

Poj3204: <http://acm.pku.edu.cn/JudgeOnline/problem?id=3204>

类似: Hoj1082: <http://acm.hust.edu.cn/thx/problem.php?cid=1017&pid=6>

项目选择问题:

Poj3469: <http://acm.pku.edu.cn/JudgeOnline/problem?id=3469>

Zoj2930: http://acm.zju.edu.cn/show_problem.php?pid=2930

求项目选择项目最多的方案。

建图:

Poj1149: <http://acm.pku.edu.cn/JudgeOnline/problem?id=1149>

Poj3436: <http://acm.pku.edu.cn/JudgeOnline/problem?id=3436>

Poj3281: <http://acm.pku.edu.cn/JudgeOnline/problem?id=3281>

连通度:

点连通度Poj1966: <http://acm.pku.edu.cn/JudgeOnline/problem?id=1966>

Uva563, <http://icpcres.ecs.baylor.edu/onlinejudge/> 点不交的路径条数问题, 需要拆点

最小割:

Poj2914: <http://acm.pku.edu.cn/JudgeOnline/problem?id=2914>

(stoer-Wagner)

基本题:

Poj3498: <http://acm.pku.edu.cn/JudgeOnline/problem?id=3498>

枚举: 做n次最大流。

Poj1087: <http://acm.pku.edu.cn/JudgeOnline/problem?id=1087>

可以用最大流做, 也可以用二分图匹配做。

Poj1273: <http://acm.pku.edu.cn/JudgeOnline/problem?id=1273>

Poj1274: <http://acm.pku.edu.cn/JudgeOnline/problem?id=1274>

Poj1325: <http://acm.pku.edu.cn/JudgeOnline/problem?id=1325>

poj1459: <http://acm.pku.edu.cn/JudgeOnline/problem?id=1459>

Poj1797: <http://acm.pku.edu.cn/JudgeOnline/problem?id=1797>

Poj1815: <http://acm.pku.edu.cn/JudgeOnline/problem?id=1815>

poj2112: <http://acm.pku.edu.cn/JudgeOnline/problem?id=2112>

poj2239: <http://acm.pku.edu.cn/JudgeOnline/problem?id=2239>

poj2289: <http://acm.pku.edu.cn/JudgeOnline/problem?id=2289>

Poj2391: <http://acm.pku.edu.cn/JudgeOnline/problem?id=2391>

Poj2987: <http://acm.pku.edu.cn/JudgeOnline/problem?id=2987>

Poj3308: <http://acm.pku.edu.cn/JudgeOnline/problem?id=3308>

提示: 最大权闭包, 转化成最大流

Poj3155: <http://acm.pku.edu.cn/JudgeOnline/problem?id=3155>

难

SGU 176 <http://acm.sgu.ru/problem.php?contest=0&problem=176> 容量有上下界的网络流问题, 有难度

Spoj660: <http://www.spoj.pl/problems/QUEST4/> Spoj377: <http://www.spoj.pl/problems/TAXI/> UVA <http://icpcres.ecs.baylor.edu/onlinejudge/7>

10122, 10330, 10511, 10735.