1. 通过强度优先搜索得到每个节点的度数,之后再遍 历每一条边选择度数较多的顶点即可 Algorithm Cover (T) Input: Tree T = (V, E) awant, the one begin Use DFS to count 0, component for all vertex v. cover-jake Use DFS with the following postwork if w was unmarked and v. cover=false and w. oover=false then. 1. component > w.component ? v.cover=true: n. over = true. eno

2. 建工业有压简单判断即可 Algorithm if Vine (V, 17) Input V, 7 Output if line begin J. Y V211.40 X- V111.X6

y- V121.40 X - V121.X0 verify if all vertex in line, return; 1. 利用凸包的思想去求解这个问题, 姆卓在一个丹包内,那么祖交边最少为1, 如果在多个正包内则失删解最外的四包 再不降

Algorithm least edge (P, Pz, -Pn, P) ImpA: P., Pz, - Pr (a set of points in the plane), P (that point) Output: num, point. begin. S= (P, Pz, -- Pn). P = Graham's Scan. (P1, P2, - Pn, P). for v in P:
for w Dink with V

If w both in P S=S-V

else add link w-V it Pin P find vortex V out of P and V-P and vortex one point with S teturn (0, v)

for every new polygon P; and new added edge e; if least edge (Pi, p). point -P cross ei if min> least edge (Pi, p). num-1 min = least edge (Pi, p). num-1 point = Veast edge (Pi, p) point if min > least edge (Pi,p). Num+1 min = least edge (7; p). num+1 point = a point in P-loast
edge (Pi, p)-point—
and out of P (min, point) tetuin