} /* finish checking all the options */

return Found;

Turnpike Reconstruction Problem Given n(n-1)/2 distances, reconstruct a point set. Given D= { 1, 2, 2, 2, 3, 3, 4, 5,5, 5, 6, 7, 8, 10 }. (i) n(n-1)/2=1, n=6. (i) X1=0, Xh=10. 3 find the next largest distance and check. bool Reconstruct (DistType X[], DistSet D, int N, int left, int right) { /* X[1]...X[left-1] and X[right+1]...X[N] are solved */ 101/17 - 1 2 8 (nex) large). ·: Wathing (max-xi) bool Found = false; if (Is_Empty(D)) 公人是是法 return true; /* solved */ X1 - 8. :最大小两端已处现16. D max = Find Max(D); /* option 1: X[right] = D max */ /* check if |D_max-X[i]|図D is true for all X[i]'s that have been solverの表現を OK = Check(D max, N, left, right); /* pruning */ if (OK) { /* add X[right] and update D */ # 1x, -x, | x, -x6 / 7.71 X[right] = D max;for (i=1; i<left; i++) Delete(|X[right]-X[i]|, D); 在口中 for (i=right+1; i<=N; i++) Delete(|X[right]-X[i]|, D);</pre> Found = Reconstruct (X, D, N, left, right-1); if (!Found) { /* if does not work, undo */ 充公治在D中划掉. for (i=1; i<left; i++) Insert(|X[right]-X[i]|, D); for (i=right+1; i<=N; i++) Insert(|X[right]-X[i]|, D); 不在上话 false 追回. /* finish checking option 1 */ if (!Found) { /* if option 1 does not work */ /* option 2: X[left] = X[N]-D_max */ OK = Check(X[N]-D max, N, left, right); if (OK) { $X[left] = X[N] - D_max;$ for (i=1; i<left; i++) Delete(|X[left]-X[i]|, D); for (i=right+1; i<=N; i++) Delete(|X[left]-X[i]|, D);</pre> Found = Reconstruct (X, D, N, left+1, right); if (!Found) { for (i=1; i<left; i++) Insert(|X[left]-X[i]|, D); for (i=right+1; i<=N; i++) Insert(|X[left]-X[i]|, D); /* finish checking option 2 */

Tic-tac-toe.

goddess of a pocition: f(P)= Wcomputer - WHuman.

W: 花子尚状況でははりい気がに、近接方が、

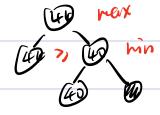
X computer: O human.

Whuman: Whuman: Human: Minimize, Alpha-Go 如果 maximize.

2-B pruning 2-P 剪枝.

对抗搜索, 冰县让不够-直往同一个方向.

a pruning



B prunin

