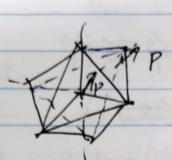
19-19-1

し、楚酸なが



n=3.

PC(X)为在Li范拟张上、PC(X)一次重查于 Li范拟群 C 意面。

花川x川=1. Mn在C内部·MPc(x) Bp为x本新 ②のカーの、 否例、比好 Pc(x) 应治定

Pux1= (x- xp)+ , pu= sign(xu).

7 8 7 1 (X-Ap) += = = max { [|xe|-2,03=1

18 20.1 1. 红地机村, 本台外11757 min Jan CX s.t Ax=b un Ster St Ax= b. X= 8 每 引入至二人、重为 增了上哥好 2p(x,2,71= for+ 2, (An-b) + 22 (x-2) + = 11 Ax-b1/2 + = 11x-21/2 这代的引为 x ktl = asmin { AT. (Ax b) + /2.(c (2 -x)) + P (1/4 x - 6) + P @ Z K+1 = arg m.h. { \$101 + 7\(\text{1}\) | 2 | 1 \text{1} + \frac{P}{2} | 1 \text{1} \text{1} + \frac{P}{2} | 1 \text{1} \text{1} \text{2} | Rike = Mik + P (Axlui-b)

Azikal = Azile + P (ZHI ZKAI)

对的图开多寸 un'a frat by s.t A'y = C 引入之二岁、意为 min b'z, s.t Ays 6. z=y 这个部分为 3 3 tol= argm. h { \link (Ay-c) + \langle () + \langle () + \langle () Ay-c) + \langle () + \langle () Ay-c) + \langle () + \langle () Ay-c) + \langle () + \langle () Ay-c) + \langle () + \langle () Ay-c) + \langle () + \langle () Ay-c) + \langle () + \langle () Ay-c) + \langle () + \langle () Ay-c) + \langle () + \langle () Ay-c) + \langle () + \langle () + \langle () Ay-c) + \langle () + \langl @ 2kt angmin { btz + dzik (Green (7-4kt) + 2/1/2 - y/11/23. Alikers Alikt Pl ATyk+1-6) Andred: Azek+P(zen-ykal) , 考問の日間のを河路が解 (A) 2 2 (ATA+I) [b+ 2h - - 1 AT 21, K+22k)] € = x k+1 - - (c+ x c. k) 3 y 1c4 = [AAT+I) [C+zk- = [A71.k- hux)] (Z +11 = y +11 - - (b+ 72k)

2 引着量 2, st Xi=2=0. Haisn. 从两 (Fin) 是 为 min 至 \$1(xi), sit X:-2=0, 15151 [(xi, Z, 7i) = = sifi(xi) + xi (xi-z) + = (1xi-z/2) 》是第一种选件有531分 7 = arg min { filk) + 7 14x1-2k) + = 11x1-2k112} = Solve 1 78m + Auk +p 1X1-2k)=0 女事用 fixi+ fixik) (Xi-Xik) 1数近如. 利如 X1 = Solve & Ofixit) + Airk + pixi-2k1 =0 } = Zt - + (Vf(x, K) + dill). 是防止由对特性,连代格式为

12 D= diag (h1... km). m/ 12 X = QDQT Pp j.

D 这是 ZASSO in)距 子问题, 右里对新

Zij = sign(Xij+Uij) max jo, |Xij+Uijk-1]}.