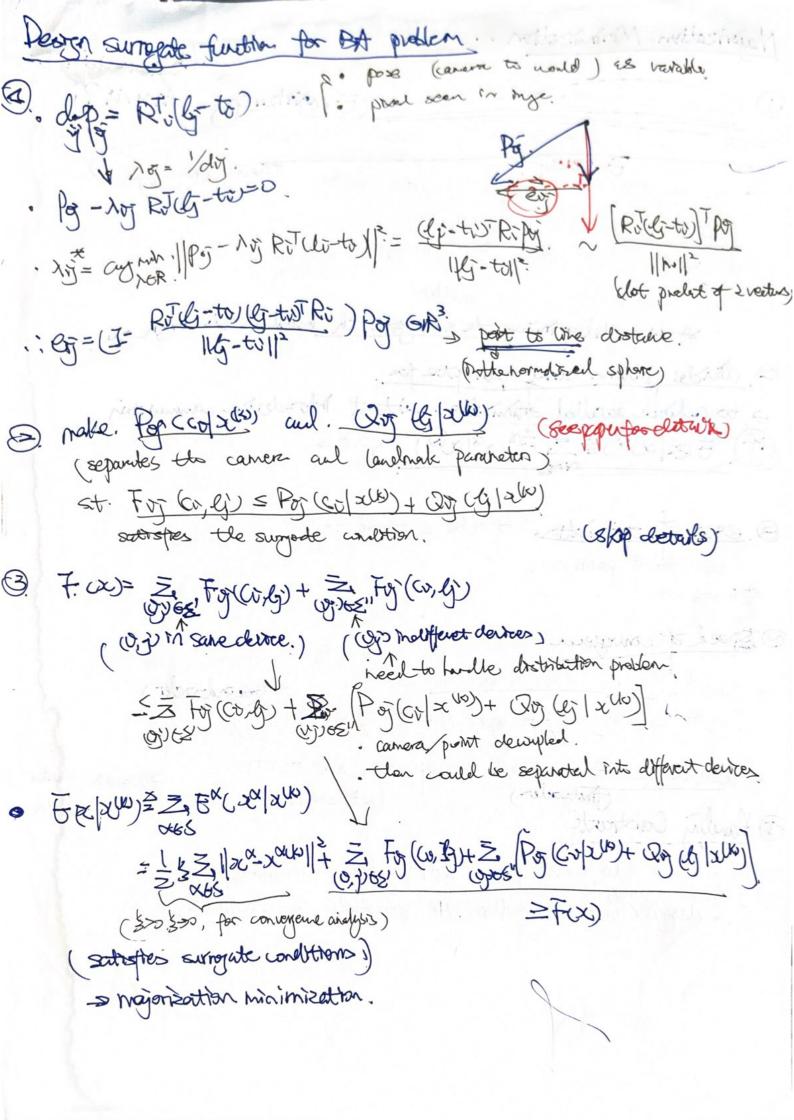
(what its voliting to neitosiminim. neitosnepp W Surnogate fuction & (x >c (x) (& registre F) other us optimize & (x/x(b)) gots x(k+1) typed at x(b)) = 7(x(b))

- x(k+1)/x(b) other us aptimize 5.(x/x(x)) gots x(x1) ECXIMU/XLB) = E (XLB) XLB) 80 we have F (2/141) S F (2/141) S F (2/141) S F (2/141) I(1941) also melies Five smaller. so we could optimize the surregate for instead of the only home D. douds problem very surregate for. > to achieve parallel optimization. what the device commutain. of (5 (2/2/2) = 5 (20/2/2) 005. B. case of optimisotron of the sungerte for Separation parameters @ speed of conveyence · general Newton-Raphson upille: 0 (41) = 0(b) - [738 (800) - 178 (800) (800) (800) - Well-despeal 5; tends to require more Herathons. => general faster (Another) (Another) (but simple Herathons consignie, 1 Havely Construction · given the noted point. Substyry the construits · deagn funda confinentile satisfiation of warstrakts. constitue stroins original official reliteration a



North and and
Nesterov's accelerated notherly
· extrapolde the Hende, z x (k) with momentum z x (k) - x x (k+1)
=> > (xar) = Proj (xar) + grack) (xar) - xar(x-1))
(project to manifolds) (GHR ratio of numerican). (update with for (dop) see the paper)
o for BA case;
(R) 4) = Por RHSD (R) 4 y and (R) (R) (KH))
Eas = Eas + Louis (Ask)
· xalpai) = ayruh = (xa (xa (xw)) for x = s.
xx. (2 (2) for the fin before)
(difference from the fen before) (remains decentralized)
Nom a has no provide convergence.
Adapthe Restout < solved by
9 of Fixed hat Improved by scaus
(- continuous with. z (KH) (withouth)
problem: evaluate the final loss F(xxx) withat control device, recursively yelde on each device,
-> adapthe restud netires (skip)

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