Squares Continued 02 - Least -> LM Contgradient is in correct dereca le color le carrect divers. are trust region indicator (p) real descent descent JACN+ WX)= JACX)- JT DR

JA- JR= - JTAR

- gradient is diverging Coroduce descent - stay same cer use a constrained aprimigation Now 1100n112 = pl (20 a) some Wally I D used to enforce trust sugron. How 2 Lagurangian LC02 2) = 1 11 f (2) + JT/22/122 + 2 (10 ax112 minimying lagurangian, me minimo T $\left(JJ^{+} + 2D^{T}D\right)\Delta n = -JJ(n)$ when D=II - I.M.

Solver parablem of singularity

(TTT+ 2DTD w

unvertible)

We don't optimize a (:- very

empensive)