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Newton's method enjoys "Quadratic (onvergence") i E no of rignificant digits that we have converged to minimum doubles every iteration.
i e no al simuiliant divite that use house
and be some I have be sufficiently and the constraint
cornergia to minimum donnes every intraction.
> near the min. very fast convergence.
when o is a vertor: Newton-Raphson method
Newson - rapided
(4)
$\theta^{(t+1)} := \theta^{(t)} \theta + \nabla \theta$
d Company
1Ronixani) Outon 1Rn+1
H is the Herrison Matrix.
H is the Herrison Meetrik.
$H_{ij} = \frac{\partial^2 L}{\partial O_i \partial O_i}$
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$H_{ij} = \frac{\partial^2 l}{\partial O_i \partial O_j}$ very expensive for high dimensional $O_s$ .
Hij = 22/30; Oi volumention dinentional Os. when
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