p_newton-raphson

Wednesday, February 5, 2020 2:32 PM

consider min g.v s.t.
$$\|v\|_{H} \le \|g\|_{H}$$
) e.g. $g = Dc(u)$ where $\|v\|_{H} = \sqrt{\frac{1}{2}}v^{T}Hv^{T}$, $H = H^{T} > 0$ $H = D^{2}c(u)$ $+ D^{2}c(u)$