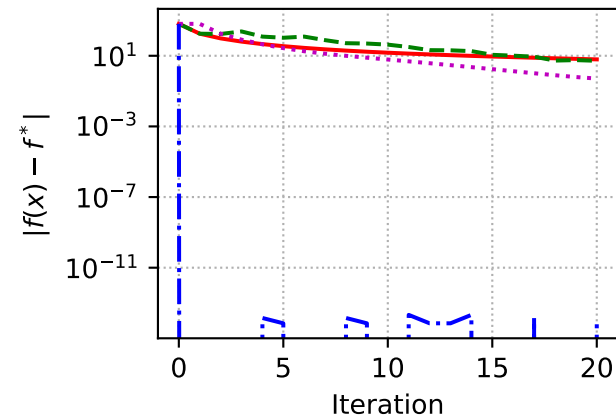
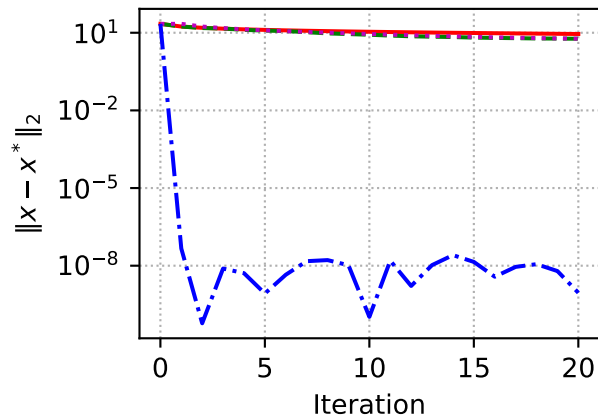


Convex quadratics:  $n=60$ , random matrix,  $\mu=0$ ,  $L=10$

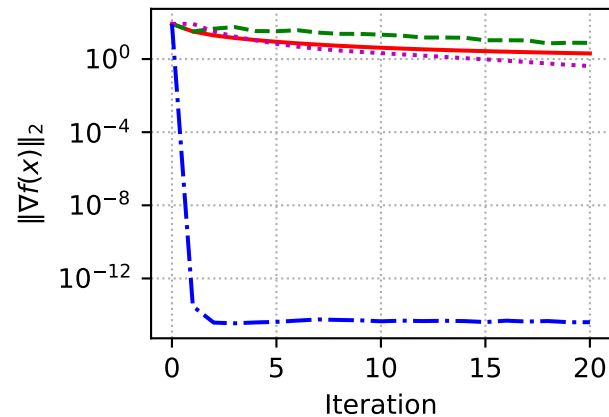
Function Gap



Domain Gap



Gradient Norm



— Gradient Descent.  $\alpha=1.00\text{e-}01$     - - Heavy Ball    ... NAG    - . Newton