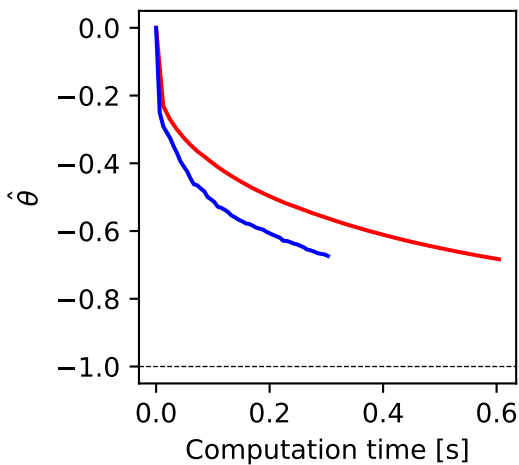
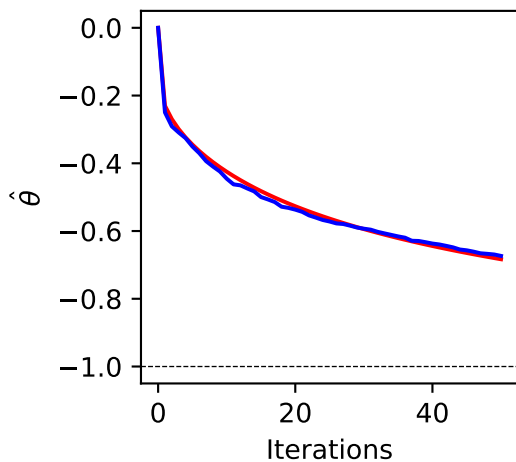


Analysis of first order algs for (strict) quasiconvex opt  
( $\theta_{\text{true}} = -1$ ,  $\theta_0 = 0$ ,  $n = 50$ ,  $b = 25$ )

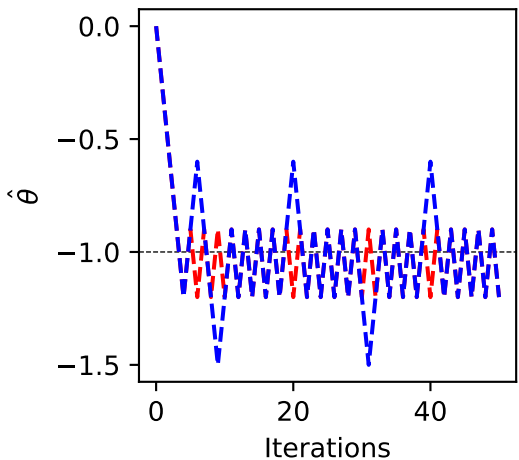
GD vs SGD



GD vs SGD



Normalized gradients



Normalized gradients + GD

