

Figure 1: Numerical example of mean compliance minimization: cost functions and gradients and Hessians of  $f_0$  on the search path.

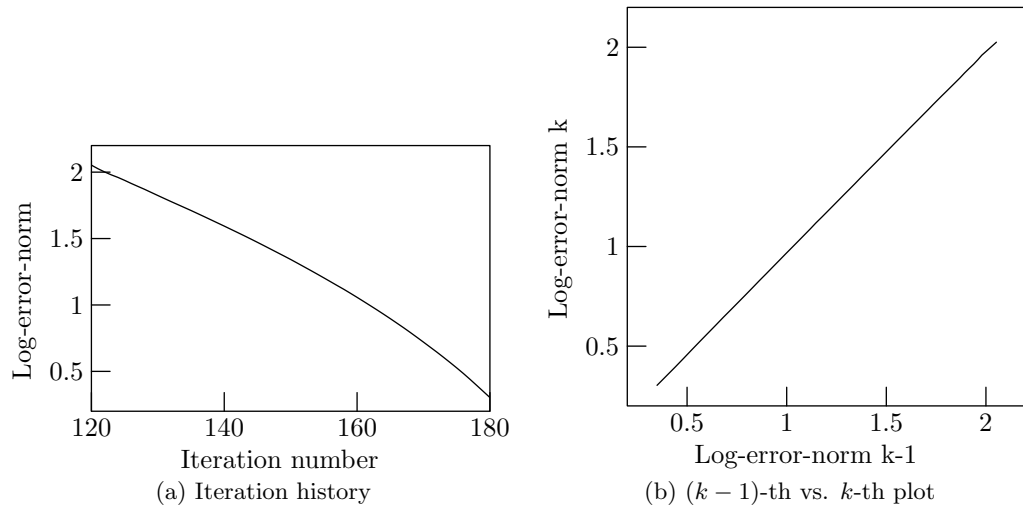


Figure 2: Numerical example of mean compliance minimization problem: distance  $\|\phi_{(k)} - \phi^*\|_X$  from an approximate minimum point  $\phi^*$ .