Figure 1:  $-4 < x < 0$

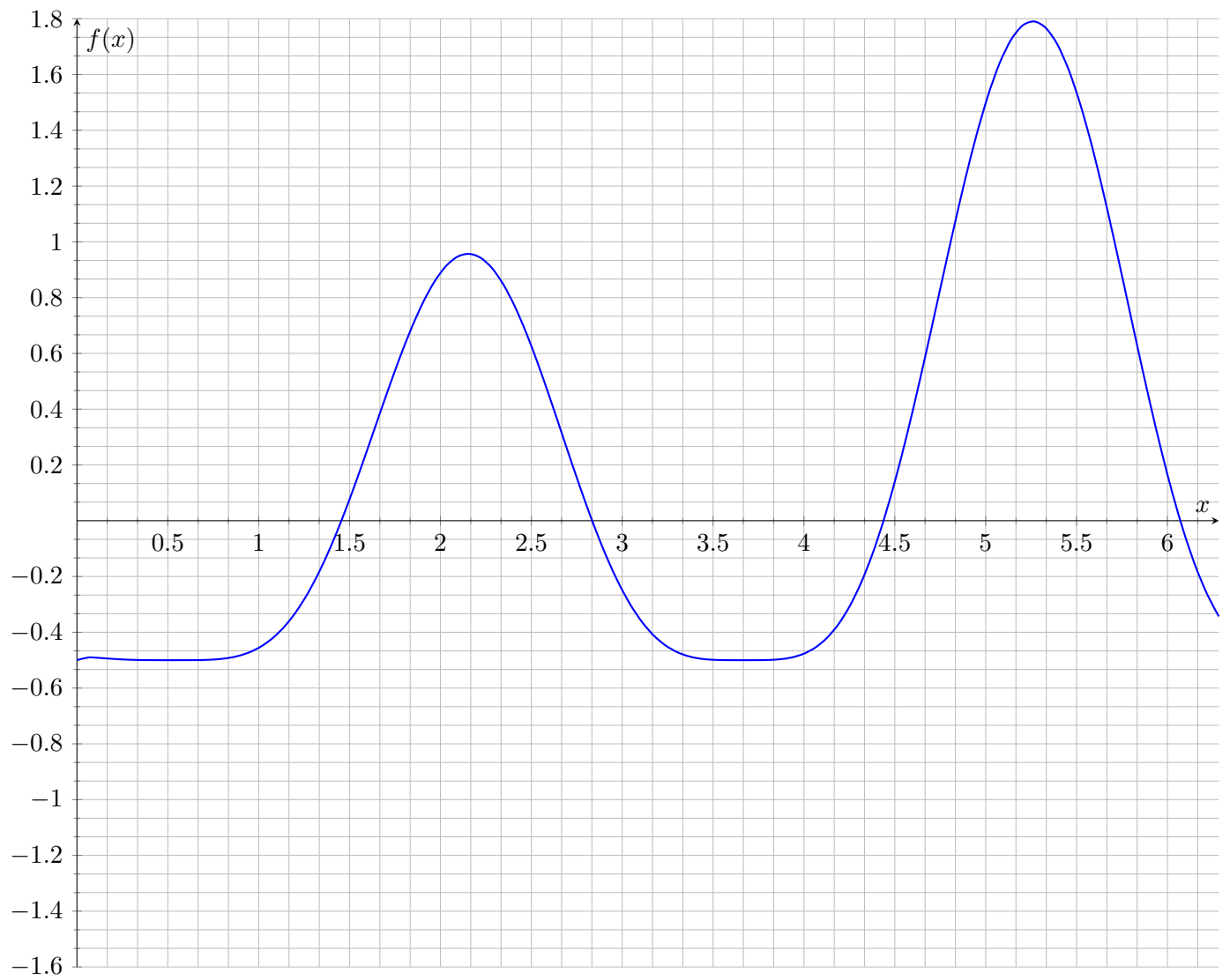


Figure 2: