(a) Approximation $A_h(0,2) \approx 4.92$ when $n = 10$.
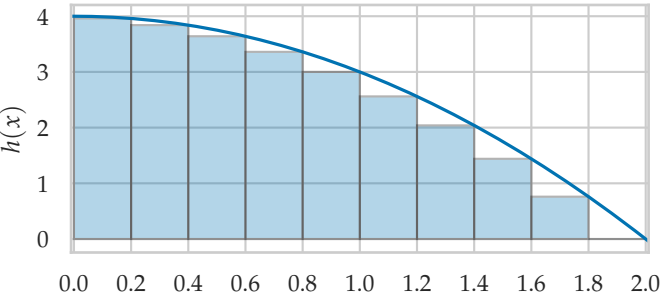
(b) Approximation $A_h(0,2) \approx 5.13$ when $n = 20$.