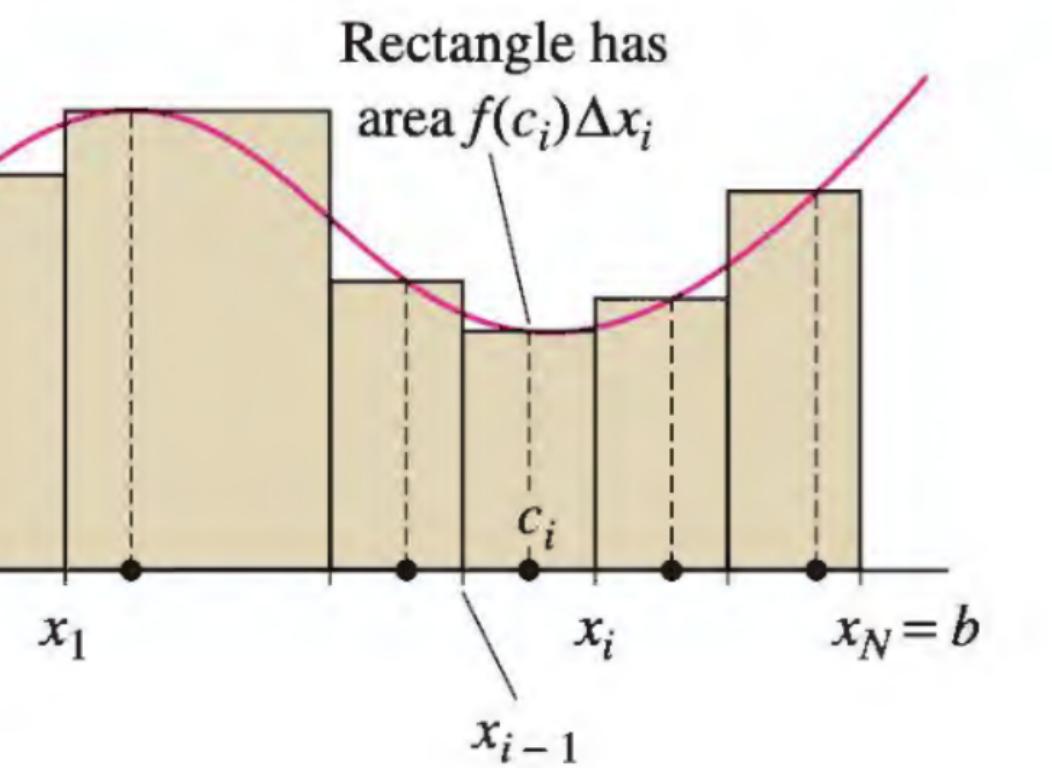
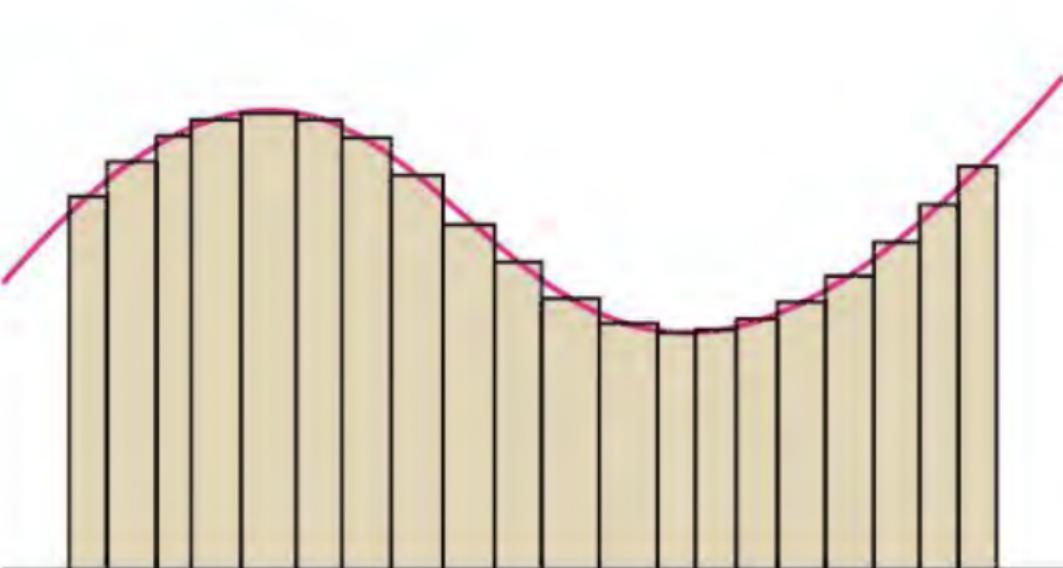


(A) Partition of $[a, b]$ into subintervals



(B) Construct rectangle above each subinterval of height $f(c_i)$



(C) Rectangles corresponding to a Riemann sum with $\|P\|$ all (a large number of rectangles).