

Tema 7.4: Sumas de Prismas

Figure 7

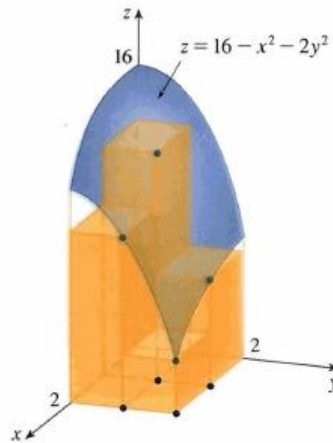
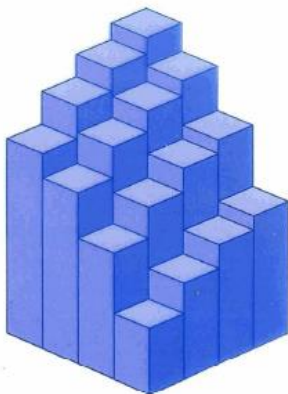
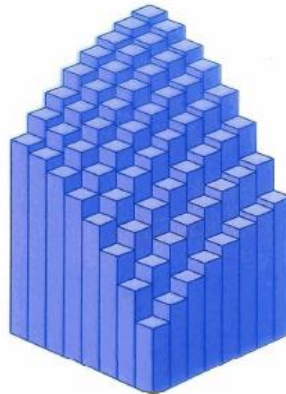


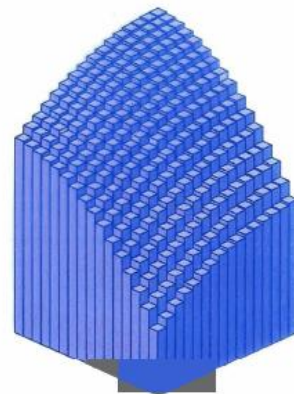
Figure 8 The Riemann sum approximations to the volume under $z = 16 - x^2 - 2y^2$ become more accurate as m and n increase.



(a) $m = n = 4$, $V \approx 41.5$



(b) $m = n = 8$, $V \approx 44.875$



(c) $m = n = 16$, $V \approx 46.46875$

Figure 4

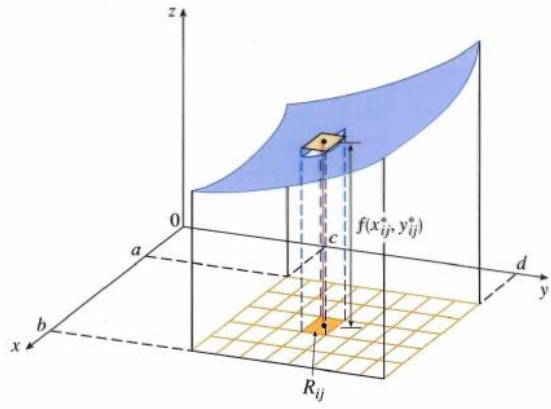


Figure 5

