
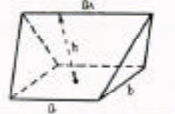
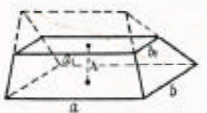



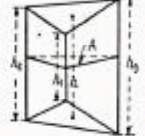




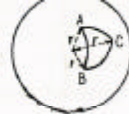


幾何学

楔形		$V = \frac{1}{2} Ah$
斜截楔形		$V = \frac{1}{6} h(2a + a_1)$
方尖柱体		$V = \frac{1}{6} h[(2a + a_1)b + (2a_1 + a)b_1]$ $= \frac{1}{6} h(ab + (a + a_1)(b + b_1) + a_1b_1)$
球		$V = \frac{4}{3} \pi r^3$ $= \frac{1}{6} \pi D^3$ $S = 4\pi r^2$ $= \pi D^2$
截顶圆锥体		$V = \frac{1}{3} h(A_1 + \sqrt{A_1 A_2} + A_2)$
截顶圆锥体		$V = \frac{1}{3} \pi h(r_1^2 + r_1 r_2 + r_2^2)$

幾何学

斜截角柱体		$V = Ah$ (A: 棱上直角三角形面积) $h = \frac{1}{3}(h_1 + h_2 + h_3)$ (三角柱) $h = \frac{1}{n}(h_1 + h_2 + \dots + h_n)$ (n角柱)
截柱体		$V = \frac{1}{6} h(A_1 + 4A_m + A_2)$ (Am: 中央断面面积)
欠球		$V = \frac{1}{6} \pi h(3r^2 + h^2)$ $= \pi h^2 \left(r - \frac{h}{3} \right)$ $s = \pi(r^2 + h^2) = 2\pi rh$
球带		$V = \frac{1}{6} \pi h(3r_1^2 + 3r_2^2 + h^2)$ $= \frac{1}{6} h(A_1 + 4A_m + A_2)$ (A1: 上底面积, A2: 下底面积, Am: 中央断面面积) $s = 2\pi rh$
球分		$V = \frac{2}{3} \pi r^2 h$ $S = \pi r(2h + r_1)$
球面三角形		$S = Er^2$ (E: 球面盈角) $E = A + B + C - \pi$ (A, B, C: 弧度)