

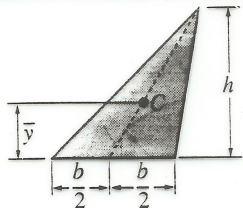
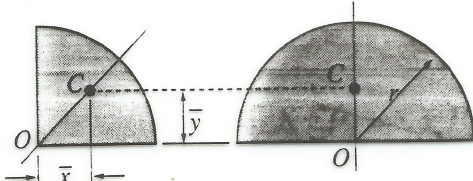
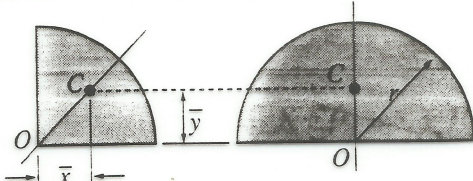
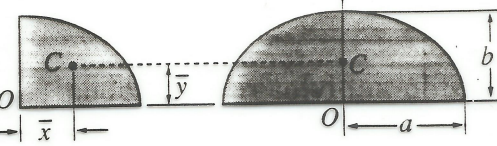
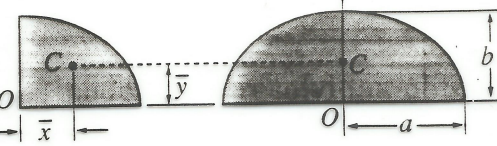
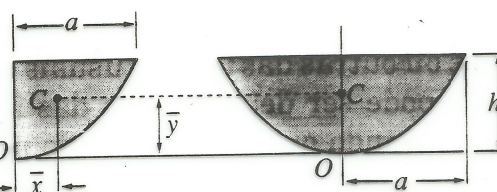
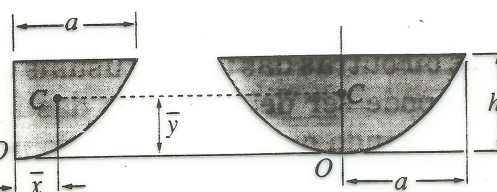
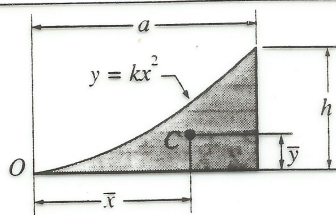
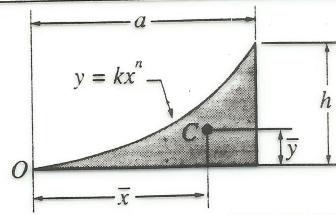
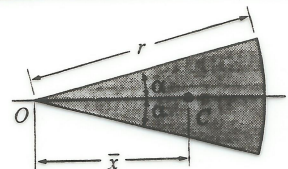
Forma de Superfície		\bar{x}	\bar{y}	Área
Triângulo			$\frac{h}{3}$	$\frac{bh}{2}$
Quarto de círculo		$\frac{4r}{3\pi}$	$\frac{4r}{3\pi}$	$\frac{\pi r^2}{4}$
Semicírculo		0	$\frac{4r}{3\pi}$	$\frac{\pi r^2}{2}$
Limitada por dois segmentos de reta perpendiculares e um quarto de elipse		$\frac{4a}{3\pi}$	$\frac{4b}{3\pi}$	$\frac{\pi ab}{4}$
Limitada por um segmento de reta e uma semi-elipse		0	$\frac{4b}{3\pi}$	$\frac{\pi ab}{2}$
Limitada por dois segmentos de reta perpendiculares e uma semiparábola		$\frac{3a}{8}$	$\frac{3h}{5}$	$\frac{2ah}{3}$
Limitada por um segmento de reta e uma parábola		0	$\frac{3h}{5}$	$\frac{4ah}{3}$
Limitada por dois segmentos de reta perpendiculares e um arco de parábola do 2º grau.		$\frac{3a}{4}$	$\frac{3h}{10}$	$\frac{ah}{3}$
Limitada por dois segmentos de reta perpendiculares e um arco de parábola do grau n.		$\frac{n+1}{n+2} a$	$\frac{n+1}{4n+2} h$	$\frac{ah}{n+1}$
Setor circular		$\frac{2r \text{ sen } \alpha}{3\alpha}$	0	αr^2

Figura 5.8a Centróides de formas comuns de superfícies.