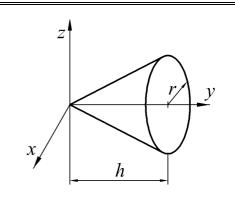


$$S = r^{2} \cdot \alpha$$

$$x_{S} = \frac{2r \sin \alpha}{3\alpha}$$

$$y_{S} = 0$$



$$V = \frac{\pi r^2 \cdot h}{3}$$

$$x_s = 0$$

$$y_s = \frac{3h}{4}$$

$$z_s = 0$$