

# 立体几何

---

## 表面积和体积

---

- $V_{\text{棱柱}} = Sh$
- $V_{\text{棱锥}} = \frac{1}{3}Sh$
- $S_{\text{圆柱}} = 2\pi r + l, V_{\text{圆柱}} = \pi r^2 h, (l \text{为母线长})$
- $S_{\text{圆锥}} = \pi r + l, V_{\text{圆锥}} = \frac{1}{3}\pi r^2 h, (l \text{为母线长})$
- $S_{\text{球}} = 4\pi r^2, V_{\text{球}} = \frac{4}{3}\pi r^3$

## 空间解析几何

---

Todo