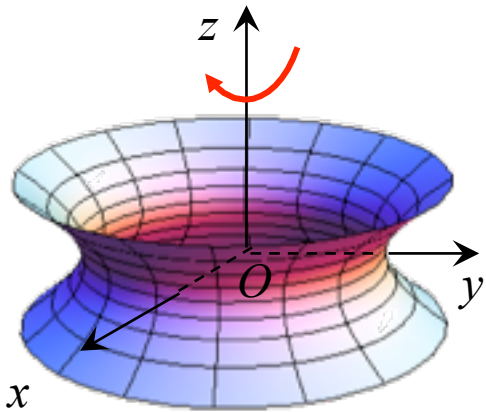
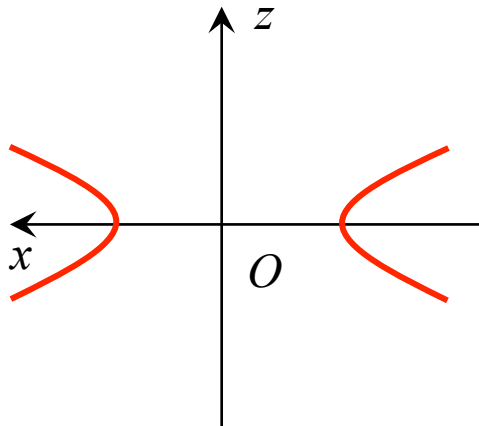


## 单叶双曲面

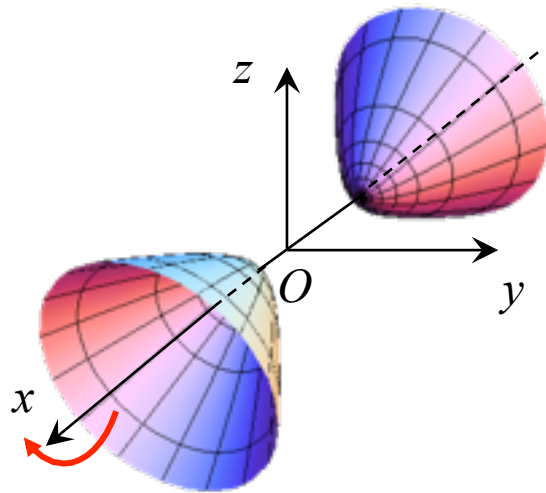


$$\frac{x^2 + y^2}{a^2} - \frac{z^2}{c^2} = 1$$

## 双叶双曲面



$$\frac{x^2}{a^2} - \frac{z^2}{c^2} = 1$$



$$\frac{x^2}{a^2} - \frac{y^2 + z^2}{c^2} = 1$$