

$$r \sin(\alpha) = y \quad \frac{y}{r} = \sin(\alpha)$$

$$x = r \cos(\alpha) \cos(\beta) \quad \frac{x}{r} = \cos(\alpha) \cos(\beta)$$

$$z = -r \cos(\alpha) \sin(\beta) \quad \frac{z}{r} = -\sin(\alpha) \sin(\beta)$$

$$r \sin(\alpha) = y$$

$$\frac{r}{r} = \cos(\alpha)$$

