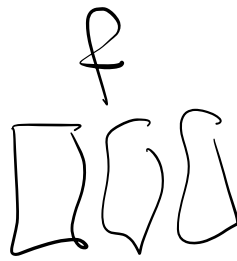
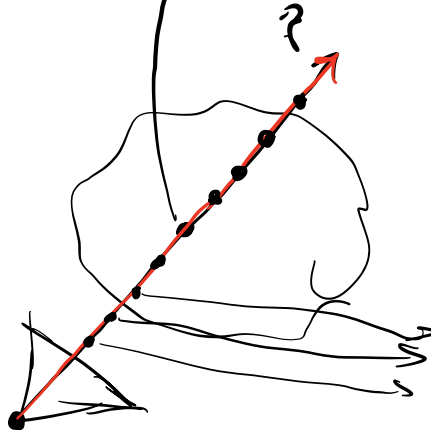


positional encoding function
↓

$$\phi(x, y, z)$$



$$\rightarrow C, \sigma$$



C_3, σ_3
 C_2, σ_2
 C_1, σ_1

$$L = \|C(\vec{r}) - \hat{C}(\vec{r})\|$$

↑
loss

↑
observed pixel value

w_i is a function of $\sigma_{1...i}$

$$\hat{C}(\vec{r}) = \sum_{i=1}^N w_i(\sigma_{1...i}) \cdot C_i$$