$$\{2^{(i)}\}_{i=1}^N \longrightarrow$$
 Learner

$$\rightarrow F_{\theta}$$

Coordinates of radiance field

$$\{x_v, y_v, z_v, \psi_v, \phi_v\}_{v=1}^V \longrightarrow$$

Radiance field

$$\rightarrow \{r_v, g_v, b_v, \alpha_v\}_{v=1}^V$$

 F_{θ}

Camera rays
$$\{\mathbf{o}_{p}, \mathbf{d}_{p}\}_{p=1}^{P} \longrightarrow \begin{cases} Volume rendering \\ \{r_{v}, g_{v}, b_{v}, \alpha_{v}\}_{v=1}^{V} \end{cases} \longrightarrow \begin{cases} \hat{\boldsymbol{\ell}}^{(i)}\}_{i=1}^{M}$$
Novel view

$$\{r_v, g_v, b_v, \alpha_v\}_{v=1}^V$$