learn 3-D construction from data

voxel.

points

mesho

motion.

用向量场标 V

m.P. cost function

signed distance. I occupancy field.

fo: 1R3 x X -> [0,1]

LSCIF (PIV, 1) : R3 XIR3 XIR -> IR3

implicit 分类:内部/外部的点

$$\frac{1}{2} (\hat{I}.I) = \sum_{n} ||\hat{I}_{n} - I_{n}||.$$

$$\frac{1}{2} \frac{1}{2} = \sum_{n} \frac{1}{2} \frac{1}{2}$$

$$\frac{\partial R}{\partial \theta} = \sum_{n} \frac{\partial L}{\partial \hat{x}_{n}} \frac{\partial L}{\partial \theta}$$

$$\frac{\partial L}{\partial \theta} = \frac{\partial L}{\partial \theta} + \frac{\partial L}{\partial \theta} \frac{\partial R}{\partial \theta}$$

$$\frac{\partial \hat{P}}{\partial \theta} = -W \left(\frac{\partial + o(\hat{P})}{\partial \hat{P}} \cdot W \right)^{-1} \frac{\partial + o(\hat{P})}{\partial \theta}$$

$$\frac{\partial \theta}{\partial \dot{b}} = -M \left(\frac{\partial \dot{b}}{\partial (\dot{b})} \cdot M \right) - \frac{\partial \theta}{\partial \dot{b}}$$

$$\oint_{\mathbb{R}} = r_0 + \hat{d}w.$$

$$\oint_{\mathbb{R}} (\hat{p}) = \overline{L}$$

$$\frac{1}{\partial \theta} + \frac{1}{\partial \hat{p}} = 0$$

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NeRF
$$C = \sum_{i=1}^{N} T_i \alpha_i C_i' \qquad \alpha_{i=1-e^{-6i} ft_i}.$$

$$T_i = \prod_{j=1}^{i+1} (1-\alpha_j^2)$$

min \(\subsection \left[\text{render } (\int_0) - \text{Iil} \) \(\frac{2}{3} \)

Generative Radiance Fields