**Init Point Cloud**

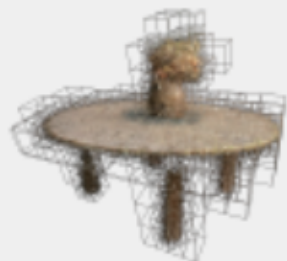**Octree Structure**

LOD 0 anchors

+ LOD 1

+ LOD 2

Fetch proper LOD based on views

*Rendering*

$L_1$, $L_{SSIM}$, $L_{reg}$

*GT*

Supervision Loss