



"A DSLR photo of a squirrel $y \longrightarrow$ playing guitar" 2D Diffusion

Predict Multi-View Noise $\hat{\varepsilon}_{\Phi}(\tilde{\mathbf{x}},t,y)$



Inter-View Coherence

 $\mathcal{C}(\tilde{\mathbf{x}},\tilde{\mathbf{c}})$ Joint Score Distillation (JSD)

Pretrained

Joint Rendering Distribution

3D Representation

 $\hat{\varepsilon}_{\Phi}(\tilde{\mathbf{x}},t,y) - \nabla_{\tilde{\mathbf{x}}} C(\tilde{\mathbf{x}},\tilde{\mathbf{c}}) - \tilde{\mathbf{\varepsilon}}$