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001 *Table 1.* 3D GS results in T3 benchmark
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Assessments	Quality	Alignment	Average
VFDS	47.5	47.8	47.7
VF-CSD	48.2	49.4	48.8
VF-ISM	51.6	49.2	50.4
FlowDreamer	57.7	50.2	54.0

003
004 *Table 2.* NeRF results in T3 benchmark
005

Assessments	Quality	Alignment	Average
VFDS	49.1	37.4	43.3
VF-CSD	51.2	38.6	44.9
VF-ISM	48.7	43.6	46.2
FlowDreamer	56.3	42.4	49.4

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CFG 10

CFG 40

CFG 100

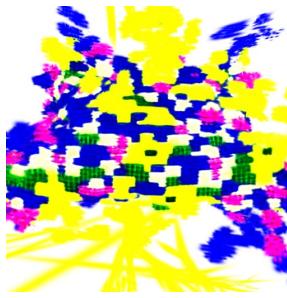
step 3
DDIM inverstion



step 3
Push-backward



step 12
DDIM inverstion



step 12
Push-backward



step 24
DDIM inverstion



step 24
Push-backward



"A decorative throw pillow."
2

Figure 1. UCM in DDIM

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HiFA



Consistent3D



ProlificDreamer

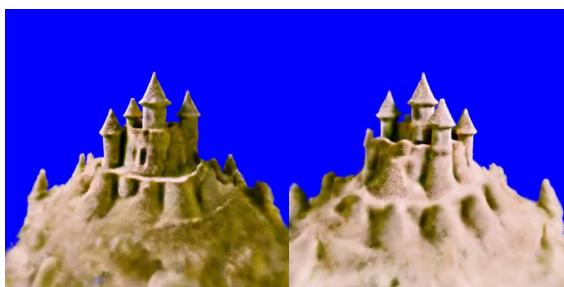


FlowDreamer



*“A DSLR photo of
pyramid shaped burrito with a slice cut out of it.”*

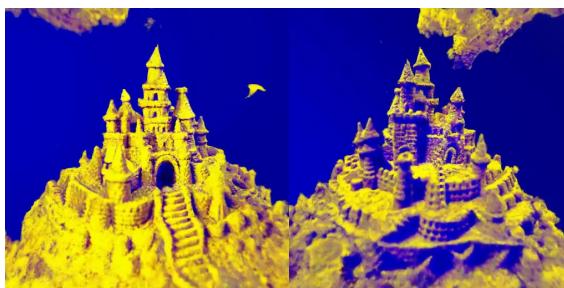
HiFA



Consistent3D



ProlificDreamer



FlowDreamer



“A highly-detailed sandcastle.”

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HiFA



Consistent3D



ProlificDreamer

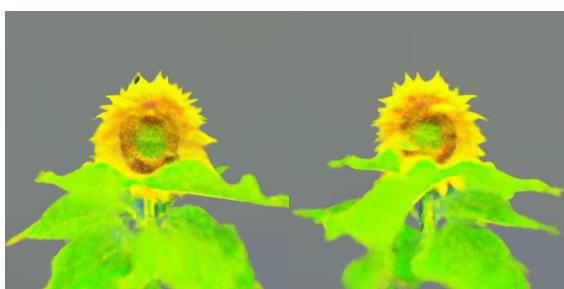


FlowDreamer



*“A pink ceramic
vase filled with fresh white lilies.”*

HiFA



ProlificDreamer



Consistent3D



FlowDreamer



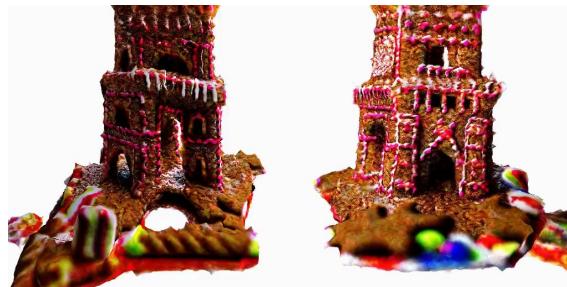
“A vibrant sunflower with green leaves left.”

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HiFA



Consistent3D



ProlificDreamer



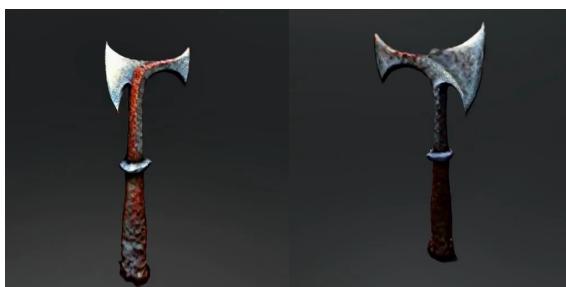
FlowDreamer



“A wide angle zoomed out DSLR photo of Tower Bridge made out of gingerbread and candy.”

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HiFA



ProlificDreamer

Consistent3D



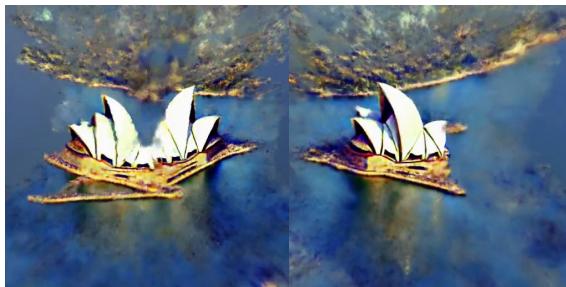
FlowDreamer

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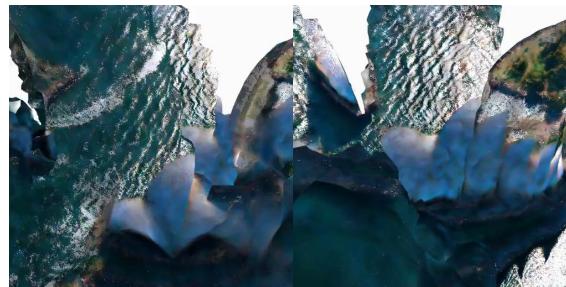
“Viking axe, fantasy, weapon, blender, 8k, HDR.”

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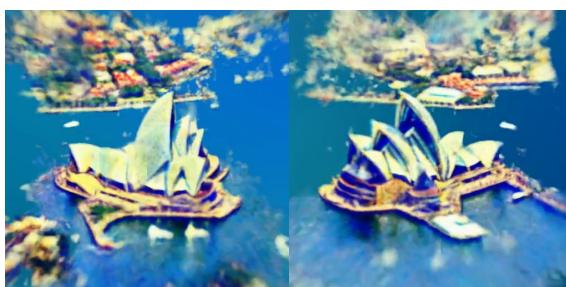
HiFA



Consistent3D



ProlificDreamer

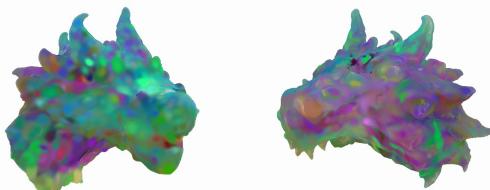


FlowDreamer



“Sydney opera house, aerial view.”

DreamGaussian



GaussianDreamer



LucidDreamer



FlowDreamer

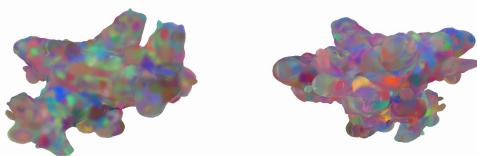


“Dragon, head, HDR, photorealistic, 8K.”

Figure 5. NeRF Results Comparison

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DreamGaussian



GaussianDreamer



LucidDreamer

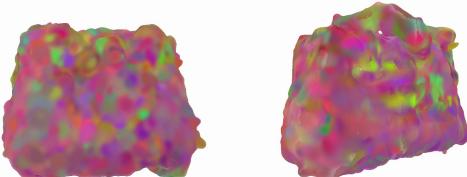


FlowDreamer



“A airplane, highly detailed.”

DreamGaussian



GaussianDreamer



LucidDreamer



FlowDreamer



“A fashionable handbag with luxurious chain details.”

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DreamGaussian



GaussianDreamer



LucidDreamer

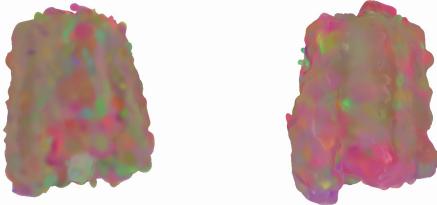


FlowDreamer



“A Cream Cheese Donut.”

DreamGaussian



GaussianDreamer



LucidDreamer



FlowDreamer



“A cozy knitted sweater.”

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DreamGaussian



GaussianDreamer



LucidDreamer

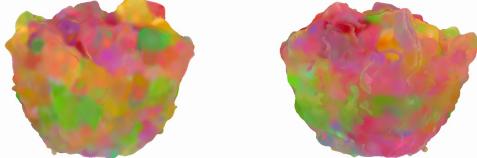


FlowDreamer



“A decorative throw pillow.”

DreamGaussian



GaussianDreamer



LucidDreamer



FlowDreamer



“A colorful fruit salad.”

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LGM



InstantMesh



Trellis



FlowDreamer



“A burning car, highly detailed, photorealistic.”

LGM



InstantMesh



Trellis



FlowDreamer



“A cake filled with Oreos, highly detailed, photorealistic.”

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LGM



InstantMesh



Trellis



FlowDreamer



*“A cyberpunk cyborg,
white hair, head, photorealistic, 8K, HDR.”*

LGM



InstantMesh



Trellis



FlowDreamer



*“A LEGO car
made of colorful interlocking bricks.”*

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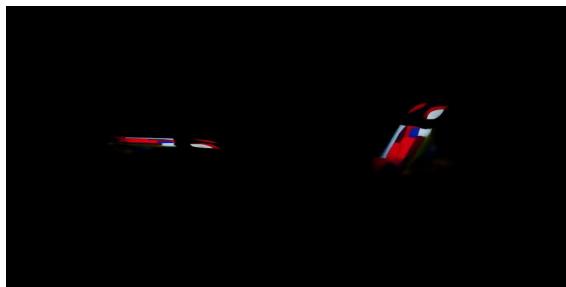
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InstantMesh



Trellis



FlowDreamer



*“A LEGO yachts
made of colorful interlocking bricks.”*

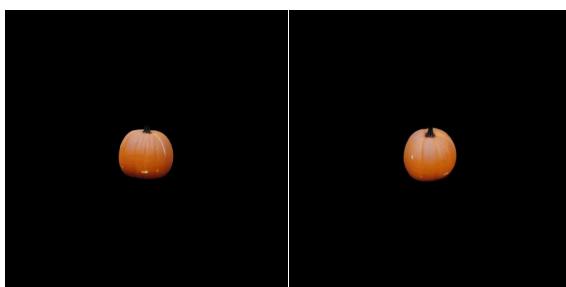
LGM



InstantMesh



Trellis



FlowDreamer



*“A pumpkin covered in
cobwebs with plastic spiders crawling on it.”*

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LGM



InstantMesh



Trellis



FlowDreamer



“A tank, highly detailed, photorealistic.”

LGM



InstantMesh



Trellis



FlowDreamer



“A watch, highly detailed.”

Figure 12. Feedforward Results Comparison

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Trellis



FlowDreamer



“Jurassic Castle, highly detailed.”

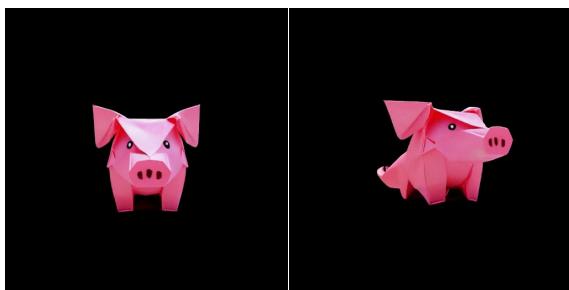
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InstantMesh



Trellis



FlowDreamer



“An origami pig.”

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InstantMesh



Trellis



FlowDreamer



“A Beretta 92 pistol, highly detailed, photorealistic.”

Figure 14. Feedforward Results Comparison