

U-Sketch: An Efficient Approach for Sketch to Image Diffusion Models - Additional Synthesis Examples

We provide additional synthesis examples using the proposed U-Sketch and the baseline per-pixel MLP latent edge predictor. Each triplet in the following figures is presented from left to right: the input sketch with the corresponding text prompt, the image produced using U-Sketch, and the image produced using the MLP latent edge predictor. For the inference process, we set $\beta = 1.6$, $T = 50$, and $S = 0.5T = 25$. We utilize a DDIM scheduler for deterministic sampling and stabilize the seed number to ensure consistent noise initialization for both architectures.



A cabin in the woods



A cabin



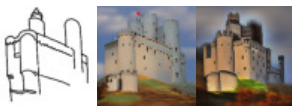
A castle on a hill next to a lake



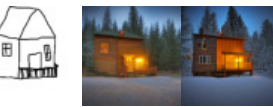
A cabin



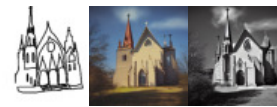
A castle



A cabin



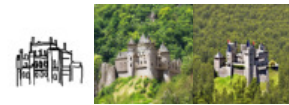
A church



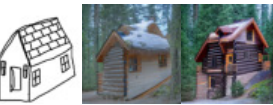
A castle on the hill in the winter



A castle on a hill next to a lake



A cabin



A rocket



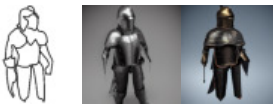
A cabin in the winter



A cabin in the woods



An armor



A cabin in the woods



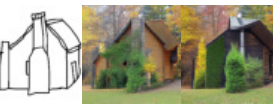
A photo of a cat



A bonsai tree



A cabin with a chimney



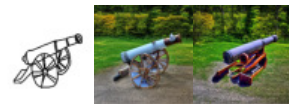
A castle



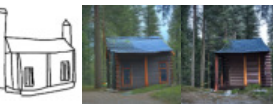
A cabin



A cannon



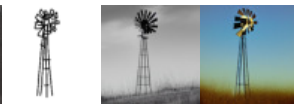
A cabin



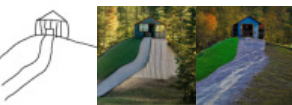
A church



A windmill



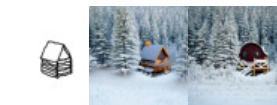
A cabin on the hill



An origami bicycle



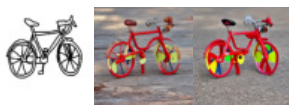
A cabin in the winter



A castle



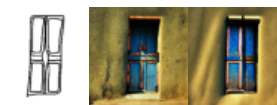
A bicycle



A windmill



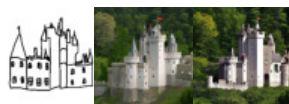
A door



A cabin



A castle



A table



A castle on a hill



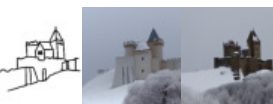
A church



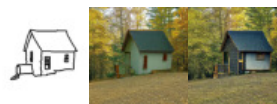
A church



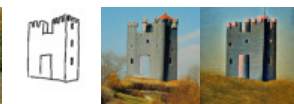
A castle on the hill in the winter



A cabin



A castle



A cooouch and a table



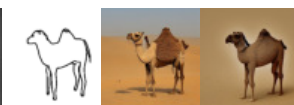
A fortress in the winter



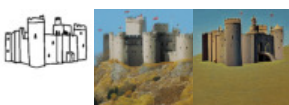
A photo of a windmill



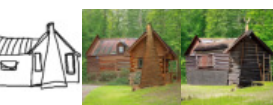
A camel



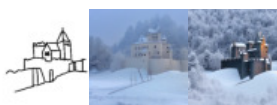
A castle



A cabin



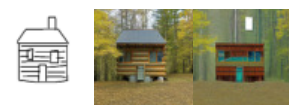
A castle on the hill in the winter



A painting of a church in the forest in summer time



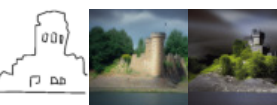
A cabin



A painting of a shark



A castle next to a river



A bicycle



A castle on a hill next to a lake



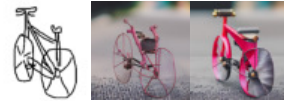
A cabin with graphitti



A castle next to a lake



A macro photo of a toy bicycle



A windmill



A church



A cabin in the woods in the winter



A macro photo of a toy bicycle



A castle



A church in the winter



A table



A castle on the edge of a hill



A church



A cabin in a desert



A church



A mosaic painting of a castle next to a river



A cabin with a chimney



A pickup truck



A windmill



A cabin



A cabin



A windmill



A cabin in the woods



A castle



A castle on a hill next to a lake



An origami bicycle



A painting of a church in the winter



A cabin



A castle



A bicycle



A cabin in the woods



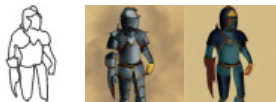
A castle on the hill in the winter



A castle



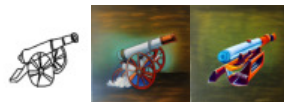
An armor



A photo of a castle in the winter



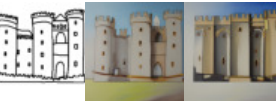
A painting of a cannon



A windmill



A painting of a castle



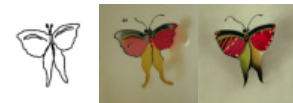
A photo of a castle at night



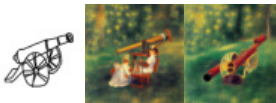
A penguin with open wings



An oil painting of a butterfly



A Renoir's painting of a cannon



A cabin



A cabin



A mosaic painting of a castle next to a river



A sunflower



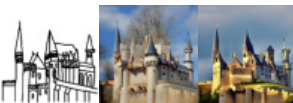
A mosaic painting of a church



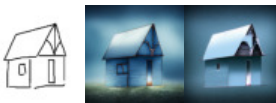
A penguin with open wings



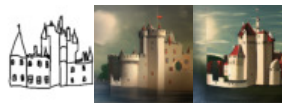
A castle



A fantasy picture of a cabin



A painting of a castle



A cabin at night

