



## SeamlessGAN: Self-Supervised Synthesis of Tileable Texture Maps

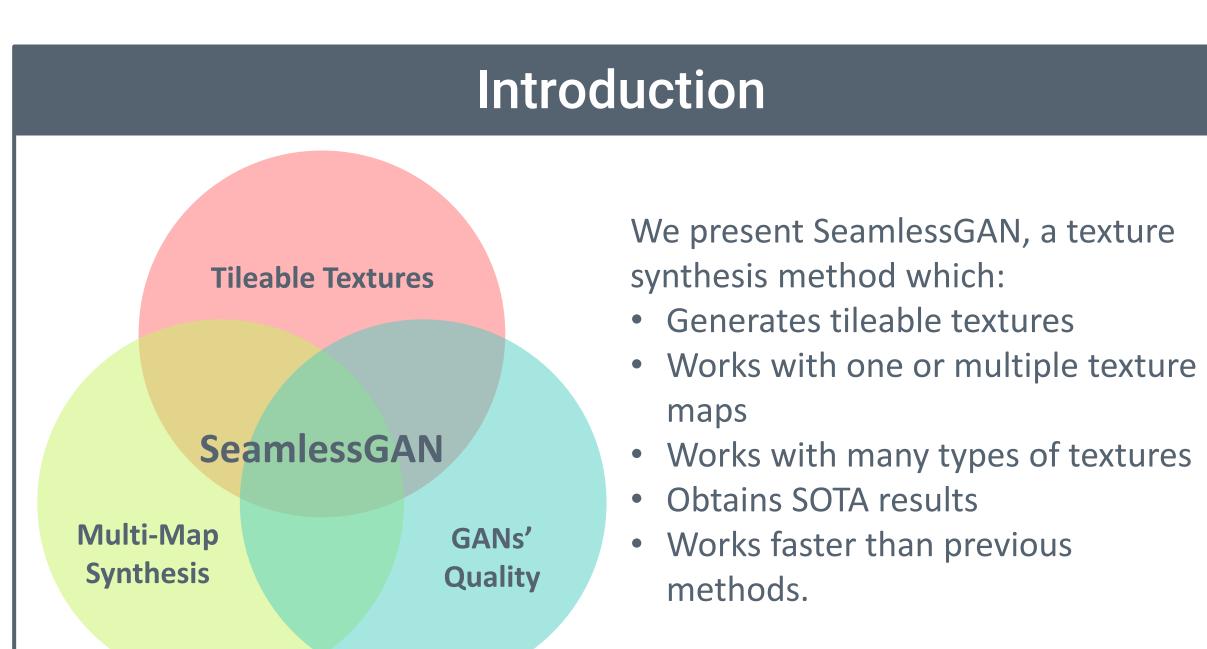
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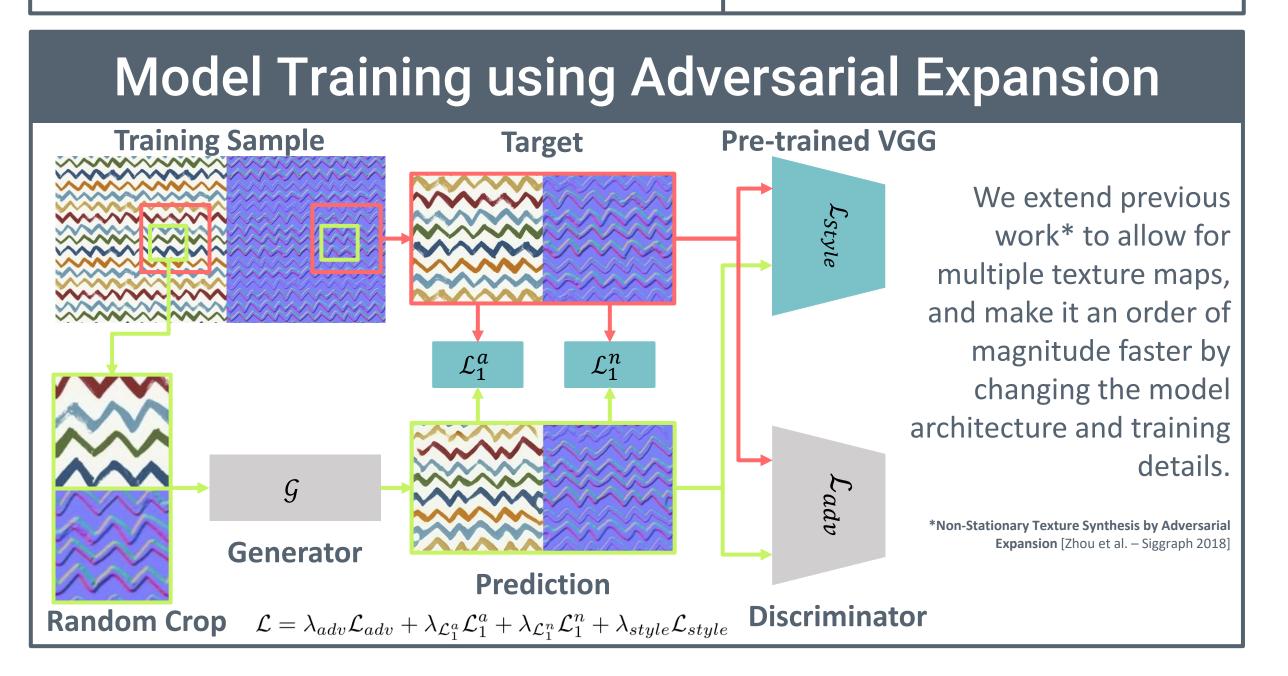
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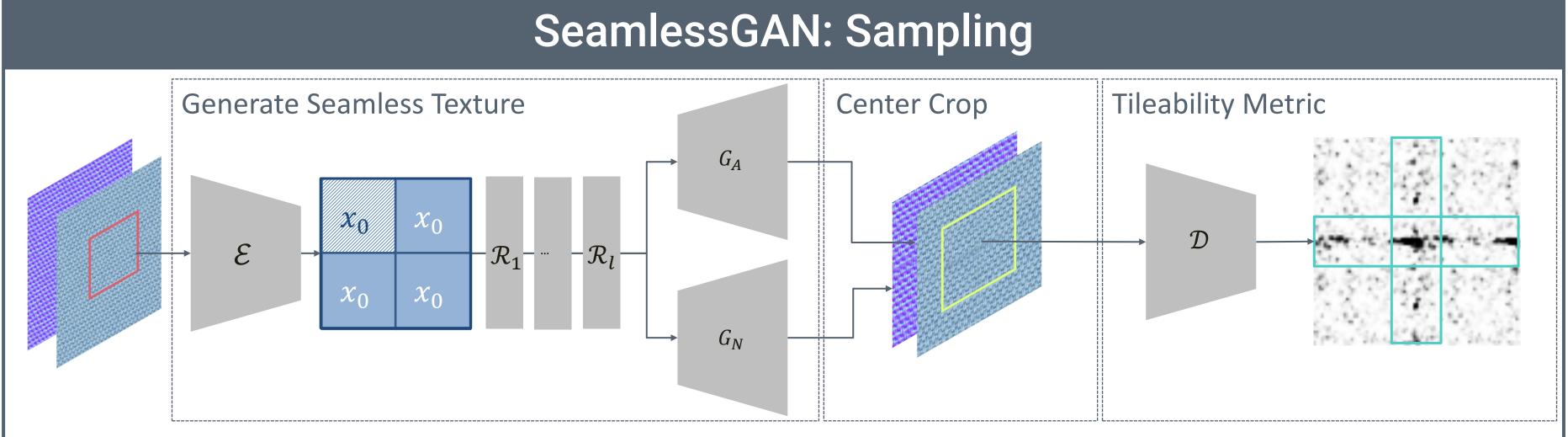




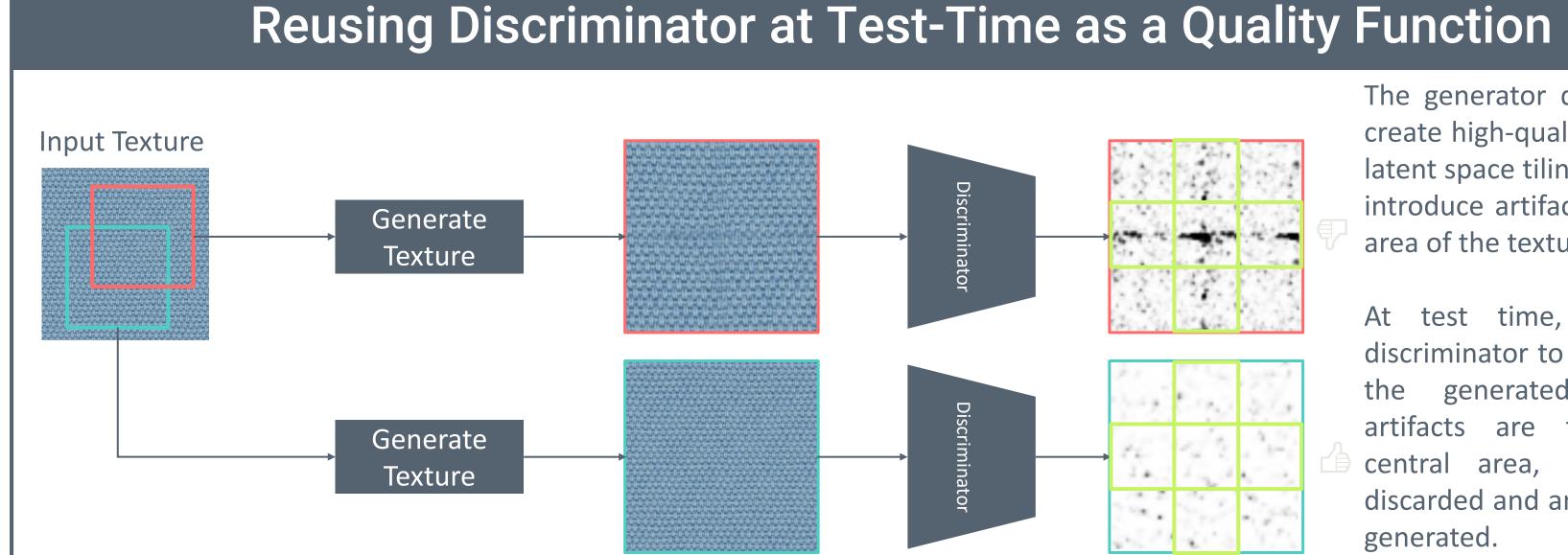






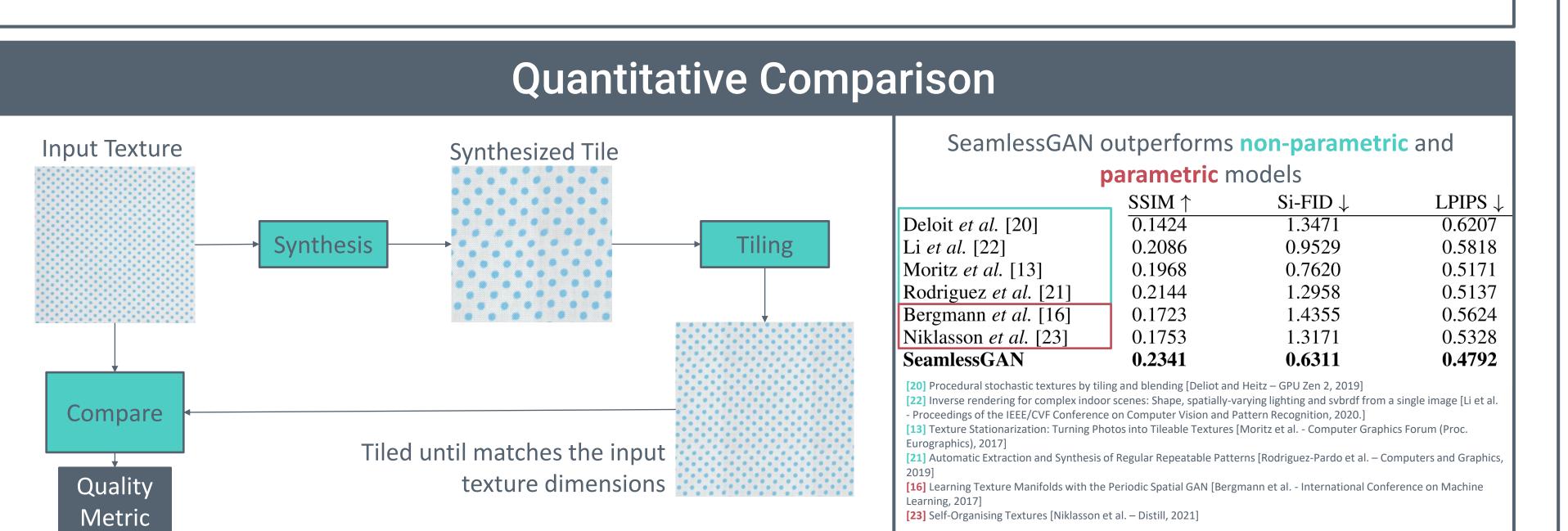


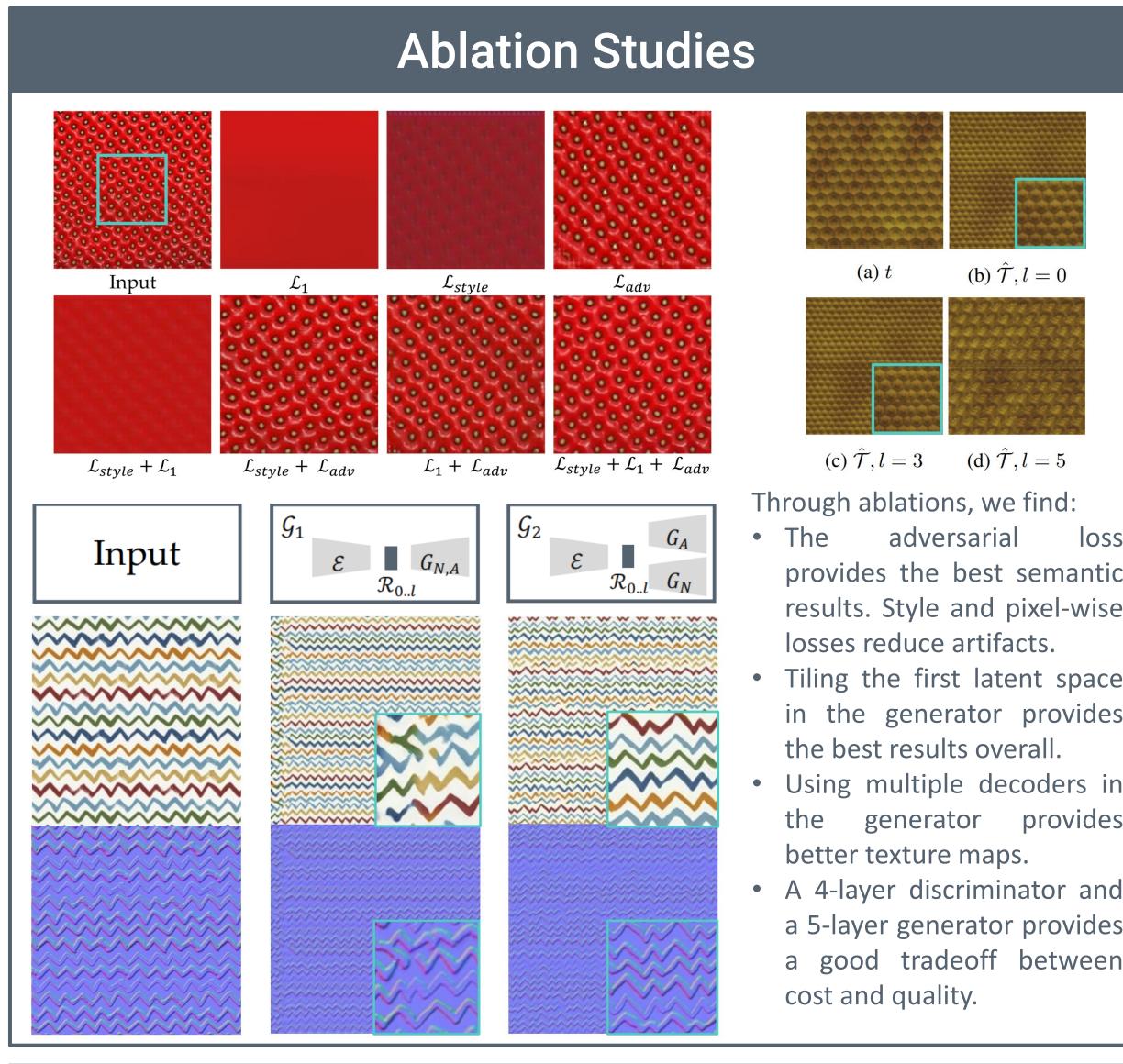


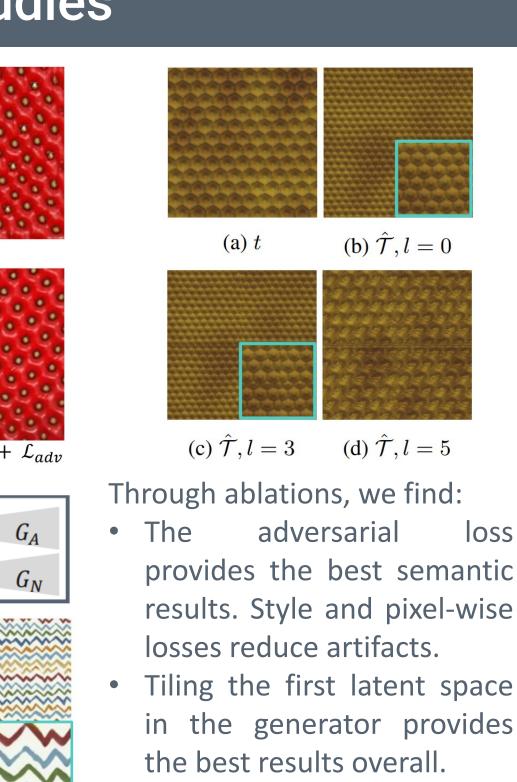


The generator does not always create high-quality textures. The latent space tiling operation may introduce artifacts in the center area of the textures

At test time, we use the discriminator to find artifacts on artifacts are found on the central area, the texture is discarded and another sample is generated.







Using multiple decoders in

the generator provides

a 5-layer generator provides

a good tradeoff between

better texture maps.

cost and quality.

