GAN-based Noise Model for Denoising Real Images

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1 Appendix: Denoised images



Noisy image Gaussian, blind Non-GAN GAN, blind GAN, non-blind

Fig. 1: Comparison of proposed denoising method on SIDD benchmark with different noise models. All models are trained with 100,000 iterations. Refer to the Table 3 in the paper.







WNNM (34.03/0.9790)



N3Net (34.66/0.9841)



UPI (35.66/0.9880)





BM3D (34.04/0.9807)



Ours (35.58/0.9879)



WNNM (44.59/0.9958)



BM3D (44.47/0.9958)



N3Net (45.22/0.9962)

UPI (46.88/0.9975)

Ours (47.32/0.9977)

Fig. 2: Qualitative comparison of denoising methods on DND benchmark (refer to the Table 2 in the paper). The captions indicate the PSNR/SSIM values, red: the best result, blue: the 2^{nd} best result.



Fig. 3: Qualitative comparison of denoising methods on DND benchmark (continue, refer to the Table 2 in the paper). The captions indicate the PSNR/SSIM values, red: the best result, blue: the 2^{nd} best result.



Fig. 4: Qualitative comparison of denoising methods on DND benchmark (continue, refer to the Table 2 in the paper). The captions indicate the PSNR/SSIM values, red: the best result, blue: the 2^{nd} best result.