Train — PSNR (dB) — Neural vs Analytic

	Denoising σ 0.05	0.20	0.80	Inpainting 0.05	0.20	0.80	Deconvolution 0.05	0.20	0.80
FFHQ-32 UNet2D	31.6	23.9	28.3	25.0	22.3	25.7	25.4	21.5	36.3
ResNet	30.6	23.4	27.4	23.7	21.6	24.7	24.4	21.1	33.6
PatchMLP	30.6	23.4	27.3	22.9	21.3	23.0	24.5	21.2	32.0
CIFAR10 UNet2D	31.7	24.2	30.5	22.4	21.7	26.9	26.1	22.2	37.3
ResNet	31.0	23.9	29.6	22.2	21.4	26.2	25.5	22.1	34.7
PatchMLP	30.7	23.7	28.5	21.8	21.1	24.8	25.4	21.9	30.7
FashionMNIST UNet2D	32.8	25.5	29.5	23.1	21.7	25.4	25.6	25.3	32.9
ResNet	32.4	24.9	29.0	22.3	21.4	26.2	24.4	24.2	34.2
PatchMLP	31.7	25.0	29.0	22.9	21.7	24.3	24.9	25.0	30.3

Test — PSNR (dB) — Neural vs Analytic

	Denoising σ 0.05	0.20	0.80	Inpainting 0.05	0.20	0.80	Deconvolution 0.05	0.20	0.80
FFHQ-32 UNet2D	19.1	20.7	30.0	18.3	19.8	26.7	19.2	21.6	36.2
ResNet	19.1	20.6	28.5	18.2	19.7	25.6	19.3	21.4	33.5
PatchMLP	19.3	20.7	28.5	18.1	19.7	24.1	19.2	21.4	32.3
CIFAR10 UNet2D	19.7	21.8	31.5	18.8	20.4	27.5	19.8	22.4	37.3
ResNet	19.7	21.8	30.4	18.8	20.1	26.7	19.9	22.4	34.6
PatchMLP	19.7	21.6	29.1	18.1	19.8	25.1	19.9	22.3	31.5
FashionMNIST UNet2D	22.0	24.3	29.8	20.6	22.1	25.7	22.2	26.7	32.6
ResNet	22.0	24.1	29.6	20.1	21.4	26.5	22.0	25.7	34.2
PatchMLP	21.9	24.1	29.5	20.7	22.1	25.0	22.3	26.0	30.7