Progressive Local and Non-Local Interactive Networks with Deeply Discriminative Training for Image Deraining –Supplementary Materials—

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ABSTRACT

In Sec. 1, we present the sensitiveness on the hyper-parameter.

CCS CONCEPTS

• **Computing methodologies → Computational photography**.

KEYWORDS

Single image deraining, Multi-Scale Cross-Content Deeply Discriminative Learning, Progressive Interactive Networks, Convolution, Transformer

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1 SENSITIVENESS ON THE HYPER-PARAMETERS

Table 1 provides the sensitiveness results on the hyper-parameters (α and β in Eq. (9) of the main paper). Note that the results have slight fluctuations for different values of α and β.

REFERENCES

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Table 1: Sensitiveness on the hyper-parameters.

α	0.1	0.2	0.5	1	2	3	4	5	6	7	8	9	10
PSNR ↑	30.074	30.074	30.100	30.164	30.125	30.170	30.179	30.107	30.076	30.533	30.122	30.116	30.074
SSIM ↑	0.9206	0.9204	0.9213	0.9227	0.9218	0.9224	0.9224	0.9211	0.9205	0.9206	0.9210	0.9213	0.9210

β	0.1	0.2	0.5	1	2	3	4	5	6	7	8	9	10
PSNR ↑	30.077	30.094	30.145	30.164	30.153	30.153	30.086	30.094	30.085	30.073	30.067	30.073	30.079
SSIM ↑	0.9218	0.9221	0.9225	0.9227	0.9226	0.9221	0.9223	0.9224	0.9222	0.9216	0.9213	0.9219	0.9216