List of Corrections for the Thesis

1. In Page vi, the status of publication list are modified.
2. In Page 29, the PSNR results of PPD and PGPD are added into the thesis when the noise levels are σ=150, 200. The PSNR results of PPD and PGPD are shown in the thesis when using the noise estimation methods [18] on different noise levels.
3. In Pages 31-32, the comparison between PGPD method with Laplacian prior and Gaussian prior are given. The comparison on PSNR and visual quality results are given in Table 2.2, and Figure 2.10.
4. In Page 32, the discussion of the influence of parameters c, eta, and delta are given. The influence of the three parameters on the PSNR results on the 20 widely test images are shown in Figure 2.11.
5. In Page 64, the sub-rows with dashed lines in Table 3.2 are added with a new column indicating the image index.
6. In Pages 64-65, the “Table II”, “Table III” and “Table IV” are replaced with “Tables 3.2 and 3.3”, “Tables 3.4 and 3.5”, and “Tables 3.6 and 3.7”, respectively. The index of other tables and figures are modified accordingly.
7. In Pages 72-73, I delete the duplicated full paragraph of “During the last decade…”.
8. In Page 92, the “Table II” is replaced with “Table 4.4”.
9. In Pages 94, the sub-rows with dashed lines in Table 4.4 are added with a new column indicating the image index.
10. In Page 126, I modify the typo of “nosie” as “noise”.
11. In Pages 140 and 142, I mark the methods proposed in this thesis by highlighting their name in bold in Tables 6.5, 6.6, and 6.7.
12. In Page 142, I add some discussions of the noise statistics in real-world noisy images. The influence of ISO value on the noise levels are shown in Figure 6.8.
13. In Page 144, I add the discussion of “discriminative methods will also be sensitive to the resolution (DPI) of the image in the training set”.
14. In Page 147, I add some comparison among the four methods and give some discussion of the proposed methods in industry application.

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Signature: