Supplementary Materials

1. Painterly Image Harmonization

The proposed method can perform painterly image harmonization. Figure 1 shows our painterly image harmonization results. The images were collected using the Google search engine.

2. Failure Case

Figure 2 shows a failure case of our proposed method. When the style weight is too high, some style images distort the content image too much. For such cases, a lower style weight is recommended to retain the content image.

3. Additional Qualitative Results

Figures 3, 4, and 5 show additional examples of our method. These examples were trained using the settings $\lambda_c = 1$, $\lambda_s = 3$, $\lambda_{identity1} = 1$, and $\lambda_{identity2} = 50$. Figure 2: Failure case. At $\lambda_s = 3$, the high style weight distorts the content image too much. At $\lambda_s = 1$, the lower style weight retains the content image well.
Figure 3: Example results of the proposed method (1/3). The top row shows the original content images, and the left column shows the original style images.
Figure 4: Example results of the proposed method (2/3). The top row shows the original content images, and the left column shows the original style images.
Figure 5: Example results of the proposed method (3/3). The top row shows the original content images, and the left column shows the original style images.