Recovering Faces from Portraits with Auxiliary Facial Attributes  
(Supplementary Material)

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Figure 1. Samples of the synthesized dataset. (a) The ground-truth aligned real face image. (b)-(k) The synthesized unaligned portraits form *Scream, Wave, Candy, Feathers, Composition VII, Starry night, Udnie, Mosaic, la Muse* and *Sketch* styles which have been used for training and testing our network.

1. Synthesized Dataset

Figure 1 shows the stylized samples that are generated from a single real image containing a face.

2. Additional Experiments

Below (next page), we provide more additional results demonstrating the performance of our AFRP network compared to the state-of-art approaches.

References


Figure 2. Comparisons to the state-of-the-art methods. (a) The original RF images. (b) Input portraits (from the test dataset) including the unseen styles as well as the seen styles. (c) Johnson et al.’s method [2]. (d) Shiri et al.’s method [3] (e) Isola et al.’s method [1] (pix2pix). (f) Zhu et al.’s method [5] (CycleGAN). (g) Shiri et al.’s method [4]. (h) Our method.