## Supplementary materials to "CDE-GAN: Cooperative Dual Evolution Based Generative Adversarial Network"

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In the main paper, we have displayed some samples generated by our proposed CDE-GAN on various natural image datasets, which have been given to show the effectiveness of the proposed CDE-GAN model. In this supplementary, we present more experimental results:

- Visual comparisons of different methods on CIFAR-10 and LSUN-Bedrooms.
- More generated results on three image benchmark datasets, i.e., CelebA, CIFAR-10, and LSUN-Bedrooms.

A. Visual Comparison for Different Methods



(a) D2GAN [17]

(c) CDE-GAN

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Fig. 1: Visual comparisons of different methods on CIFAR-10. The samples generated by different methods are provided by the original literatures.

(b) acGAN [19]



Fig. 2: Visual comparisons of different methods on LSUN-Bedrooms. ‡ Results provided by [15].

## B. Results Generated by CDE-GAN

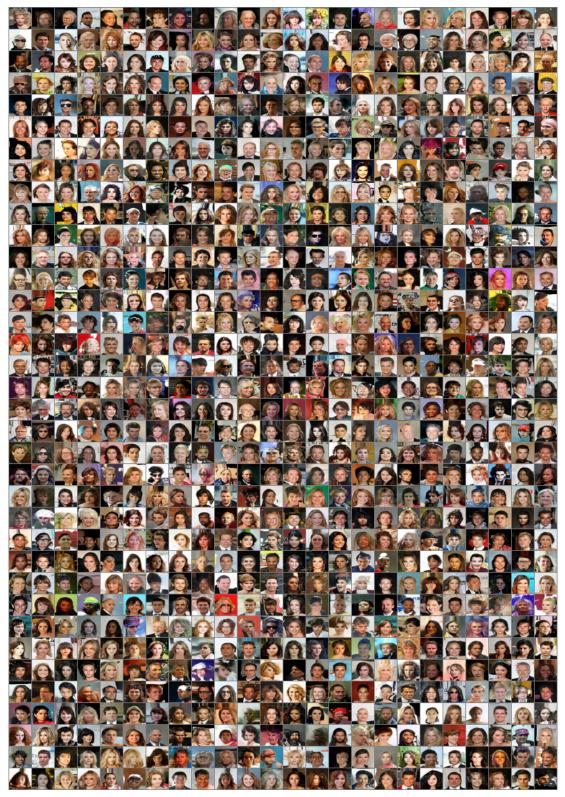


Fig. 3: Samples generated by CDE-GAN on CelebA.

Fig. 4: Samples generated by CDE-GAN on CIFAR-10.





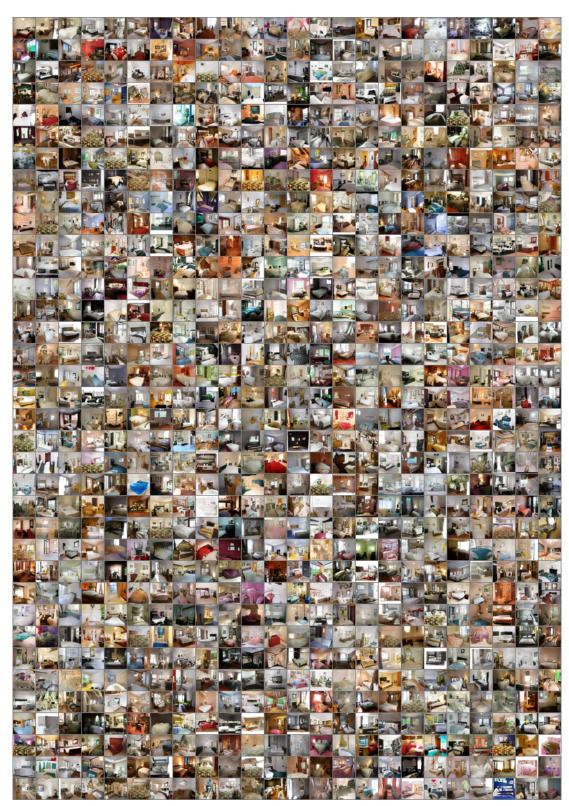


Fig. 5: Samples generated by CDE-GAN on LSUN-Bedrooms.