Progressive Growing of GANs

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I. DATASET

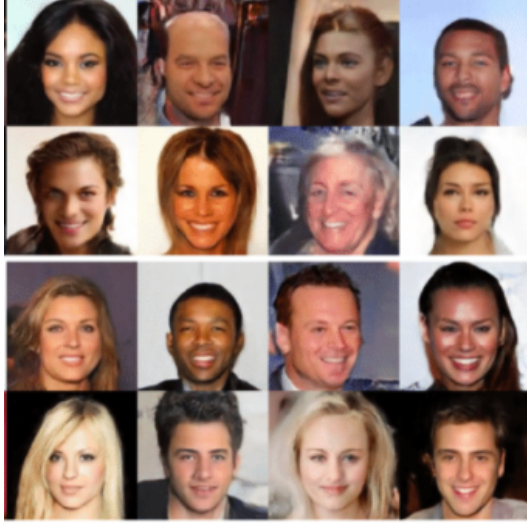### A. CELEBA

Fig. 1. CELEBA dataset.

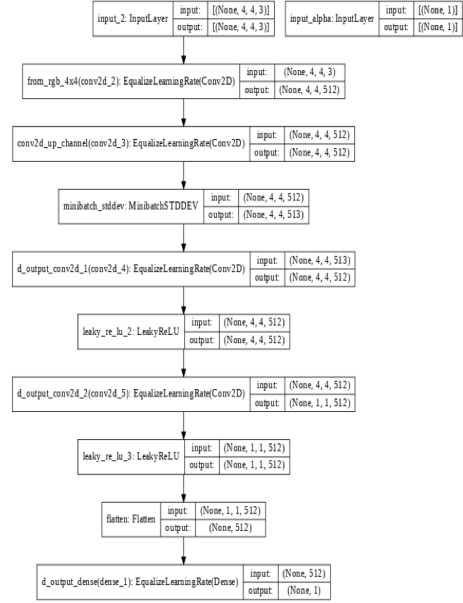## II. MODEL STRUCTURE

A. Generator

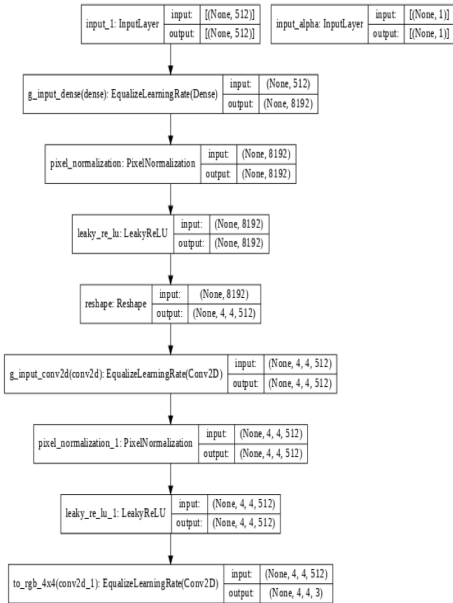Fig. 2. Generator Structure(4x4).

B. Discrimnator

Fig. 3. Discrimnator Structure(4x4).
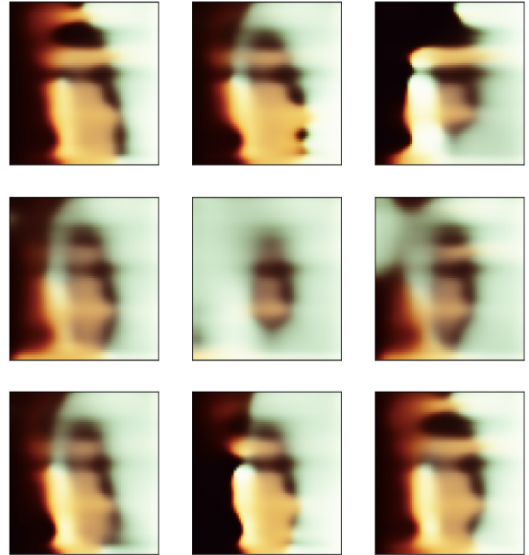
III. EXPERIMENTAL RESULTS

Fig. 4. last epoch(sample size:400).

Fig. 5. last epoch(sample size:2000).

IV. CONCLUSION

In Figure 4-5, I choose different training sample size from CELEBA dataset, it seems that using more samples to train can get better performance.