

ABSTRACT

The present disclosure relates to a network training method and apparatus, and an image generation method and apparatus. The network training method includes: inputting an implicit
5 vector into a pre-trained generative network to obtain a first generated image, wherein the generative network is obtained with a discriminative network through adversarial trainings with a plurality of natural images; performing a degradation process on the first generated image to obtain a first degraded image of the first generated image; and training the implicit vector and the generative network according to the first degraded image and a second degraded image of a
10 target image, wherein the trained generative network and the trained implicit vector are used to generate a reconstructed image of the target image. The embodiments of the present disclosure may improve the training effect on the generative network.

(Fig. 1)