

ABSTRACT

This application discloses a method and an apparatus for training a model, and a method and an apparatus for generating a biometric image. The method for training a model includes: obtaining a first sample image, sample distribution data, a second sample image, and a first preset signal; inputting a first encoded feature of the first sample image and the sample distribution data into a to-be-trained generation model, and performing biometric image generation to obtain a target sample image; determining a contrastive recognition loss in combination with a first object recognition result corresponding to the first sample image, a second object recognition result corresponding to the second sample image, and a third object recognition result corresponding to the target sample image; determining a biometric texture loss based on the first encoded feature and the first preset signal; and training the to-be-trained generation model based on the contrastive recognition loss and the biometric texture loss, to obtain an image generation model. This application can improve performance of the image generation model, and further improve a biometric image generation effect through the image generation model.