

METHOD, APPARATUS, ELECTRONIC DEVICE AND MEDIUM FOR IMAGE SUPER-RESOLUTION AND MODEL TRAINING

Abstract

The embodiments of the present application provide method, apparatus, electronic device, and medium for image super-resolution and model training. The method includes: inputting the image to be processed into a first super-resolution network model and a second super-resolution network model trained in advance, respectively; the first super-resolution network model is a trained convolutional neural network; the second super-resolution network model is a generative network included in a trained generative adversarial network; obtaining a first image output from the first super-resolution network model and a second image output from the second super-resolution network model; fusing the first image and the second image to obtain a target image, wherein the resolution of the target image is greater than the resolution of the image to be processed. It can be seen that, applying the embodiments of the present application, the target image takes into account the advantages of the first image output from the first super-resolution network model and the second image output from the second super-resolution network model, and thus has a higher definition.

[Fig. 1]