

## **ABSTRACT**

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The present disclosure relates to a neural network training method and apparatus, and an image processing method and apparatus. The training method includes: performing classification processing on a target image in a training set by means of a neural network to obtain a prediction classification result of the target image; and training the neural network according to the prediction classification result, and an initial category tag and a corrected category tag of the target image. Embodiments of the present disclosure may supervise the training process of the neural network by means of the initial category tag and the corrected category tag, and simplify the training process and a network structure.