

ABSTRACT

According to one or more embodiments of the present disclosure, a method and an apparatus for classifying a game prop as well as a method and an apparatus for training a neural network are provided. A first target classification network and a second target classification network are obtained by jointly training a first initial classification network and a second initial classification network. The first initial classification network and the second initial classification network share a same feature extraction network, the first initial classification network is configured to classify a game prop involved in an input image based on a feature extracted by the feature extraction network from the input image, and the second initial classification network is capable of classifying a game environment where a game prop involved in the input image is located based on the feature extracted by the feature extraction network from the input image.

[Fig. 3]