

ABSTRACT

A feature extraction model training method and apparatus, a convolutional neural network training method and apparatus, a model training method and apparatus, a feature extraction method and apparatus, a device, and a medium. The feature extraction model training method comprises: for any acquired first sample image, on the basis of a trained convolutional neural network, obtaining a first feature vector of the first sample image; processing the first sample image into a one-dimensional sequence on the basis of a preset image processing mode, inputting the one-dimensional sequence into a feature extraction model to be trained, and obtaining a second feature vector of the first sample image on the basis of the feature extraction model; and on the basis of the second feature vector, calibrating the first feature vector to obtain a calibrated first reference feature vector, wherein the feature extraction model is a model obtained by training on the basis of a frame structure of an MPCFormer model and a training logic of a semantic vision Transformer model SETR (S101); and training the feature extraction model on the basis of the first reference feature vector, a tag feature vector carried by the first sample image, and a set first loss function (S102).

Fig. 1