ABSTRACT

The present disclosure provides a feature extraction model training method, a convolutional neural network training method, a model training method, a feature extraction method, an apparatus, a device, and a medium. The feature extraction model training method includes obtaining a first feature vector of a first sample; processing the first sample image into a one-dimensional sequence, inputting the one-dimensional sequence into a feature extraction model, and obtaining a second feature vector of the first sample image; based on the second feature vector, calibrating the first feature vector to obtain a calibrated first baseline feature vector, where the feature extraction model is trained based on a framework structure of a MPCFormer model and a training logic of a transformer model SETR; and training the feature extraction model based on the first baseline feature vector, a label feature vector carried by the first sample image, and a configured first loss function.

Fig. 1