

ABSTRACT

A human voice note recognition model training method, a human voice note recognition method, and a device, relating to the technical field of artificial intelligence. The method comprises: acquiring at least one labeled human voice audio, a human voice note labeled result respectively corresponding to each labeled human voice audio, at least one pure human voice audio, and at least one accompaniment audio; training a first network on the basis of the labeled human voice audio, the accompaniment audio, and the human voice note labeled result corresponding to the labeled human voice audio to obtain a trained first network; and training a second network on the basis of the trained first network, the pure human voice audio, and the accompaniment audio to obtain a human voice note recognition model. According to the obtained human voice note recognition model, a human voice accompaniment separation algorithm does not need to be called, thereby reducing the calculation complexity of human voice note recognition.

Fig.2