

METHOD, APPARATUS AND DEVICE FOR PREDICTING PRONUNCIATION OF POLYPHONE, AND STORAGE MEDIUM

ABSTRACT

The present application relates to the field of artificial intelligence technologies and provides a method, apparatus and device for predicting a pronunciation of a polyphone, and a storage medium to improve accuracy of predicting a pronunciation of a polyphone. The method for predicting a pronunciation of a polyphone includes: obtaining a labeled to-be-processed Chinese sentence, and obtaining a character representation vector set and a polyphone representation vector of the to-be-processed Chinese sentence, where the to-be-processed Chinese sentence includes a target polyphone; performing phrase segmentation processing on the to-be-processed Chinese sentence to obtain a target segmented phrase, and converting the character representation vector set into a phrase-level feature representation vector based on the target segmented phrase; performing splicing processing on the polyphone representation vector and the phrase-level feature representation vector based on an attention mechanism to obtain a target vector; and calculating a target pinyin probability of the target vector through a preset linear layer, and determining a target pronunciation of the target polyphone based on the target pinyin probability. In addition, the present application further relates to blockchain technologies, and the labeled to-be-processed Chinese sentence may be stored in a blockchain.

FIG. 1 accompanies abstract.