

SPEECH RECOGNITION METHOD AND APPARATUS, STORAGE MEDIUM, AND ELECTRONIC DEVICE

ABSTRACT

A speech recognition method, a speech recognition apparatus, a computer readable storage medium, and an electronic device. The method comprises: obtaining a sample speech signal, decoding the sample speech signal, obtaining a decoding result, and extracting a first feature from the decoding result, the first feature comprising prefix information of the sample speech signal (S110); extracting a target speech segment from the sample speech signal, obtaining a log magnitude spectrum of the target speech segment, and determining a second feature according to the log magnitude spectrum, the second feature being a two-dimensional time-frequency domain feature of the sample speech signal (S120); combining the first feature and the second feature to obtain a third feature (S130); training an untrained classifier by using the third feature so as to obtain a trained classifier (S140); and obtaining a third feature to be recognized of a speech signal to be recognized, so as to determine whether the third feature to be recognized comprises a prefix (S150). The present invention provides a method for recognizing a short word comprising a prefix.

(FIG. 1)