

ELECTRONIC DEVICE, METHOD AND SYSTEM OF IDENTITY VERIFICATION AND COMPUTER READABLE STORAGE MEDIUM

ABSTRACT

The disclosure discloses an electronic device, a method and system of identity verification and a computer readable storage medium. The electronic device includes a memory and a processor; the system of identity verification is stored in the memory, and is executed by the processor to implement: after current voice data of a target user to be subjected to identity verification are received, carrying out framing processing on the current voice data according to preset framing parameters to obtain multiple voice frames; extracting preset types of acoustic features in all the voice frames by using a predetermined filter, and generating multiple observed feature units corresponding to the current voice data according to the extracted acoustic features; pairwise coupling all the observed feature units with pre-stored observed feature units respectively to obtain multiple groups of coupled observed feature units; inputting the multiple groups of coupled observed feature units into a preset type of identity verification model generated by pre-training to carry out the identity verification on the target user. The disclosure can reduce the error rate of short voice recognition.

Fig. 2