SPEECH/AUDIO BITSTREAM DECODING METHOD AND APPARATUS

ABSTRACT

Embodiments of the present invention disclose a speech/audio bitstream decoding method and apparatus. The speech/audio bitstream decoding method may include: acquiring a speech/audio decoding parameter of a current speech/audio frame, where the foregoing current speech/audio frame is a redundant decoded frame or a speech/audio frame previous to the foregoing current speech/audio frame is a redundant decoded frame; performing post processing on the speech/audio decoding parameter of the foregoing current speech/audio frame according to speech/audio parameters of X speech/audio frames, to obtain a post-processed speech/audio decoding parameter of the foregoing current speech/audio frame, where the foregoing X speech/audio frames include M speech/audio frames previous to the foregoing current speech/audio frame and/or N speech/audio frames next to the foregoing current speech/audio frame, and M and N are positive integers; and recovering a speech/audio signal of the foregoing current speech/audio frame by using the post-processed speech/audio decoding parameter of the foregoing current speech/audio frame. The technical solutions of the present invention help improve quality of an output speech/audio signal.

Figure 1