SIGNAL PROCESSING METHOD AND DEVICE

ABSTRACT

Embodiments of the present invention provide a signal processing method and device. The method includes: selecting M sub-bands from N sub-bands, where the N sub-bands are obtained by dividing a spectral coefficient of a current frame of a signal, and a frequency band of the M sub-bands is lower than a frequency band of K sub-bands in the N sub-bands except the M sub-bands; determining, according to performance information of the M sub-bands, to perform a modification operation on original envelope values of the M sub-bands, where the performance information is used to indicate an energy characteristic and a spectral characteristic that are of the M sub-bands; performing modification separately on the original envelope values of the M sub-bands, so as to acquire modified envelope values of the M sub-bands; and performing first bit allocation on the N sub-bands according to the modified envelope values of the M sub-bands and original envelope values of the K sub-bands. In the embodiments of the present invention, bit allocation better meets a bit requirement of each sub-band, and therefore, signal encoding and decoding performance can be improved.

Figure 1