METHOD AND APPARATUS FOR DETERMINING WEIGHTING FACTOR DURING STEREO SIGNAL ENCODING

ABSTRACT

This application provides a method and an apparatus for determining a weighting factor during stereo signal encoding. The method includes: determining, based on an encoding mode of a to-be-encoded signal in a stereo signal and a correspondence between an encoding mode and a parameter value, a parameter value corresponding to the encoding mode of the to-be-encoded signal; and calculating, based on the determined parameter value and an energy spectrum of a linear prediction filter corresponding to an original line spectral frequency parameter of the to-be-encoded signal, a weighting factor used for calculating a distance between the original line spectral frequency parameter and a target original line spectral frequency parameter. When the distance between the original line spectral frequency parameter and the target original line spectral frequency parameter is calculated by using the weighting factor calculated by using the method and the apparatus that are provided in this application, a more accurate result is obtained, thereby helping improve encoding quality of a stereo signal.

FIG. 4